تأثير القوة الناعمة على نية شراء العقارات

بالتطبيق على الطلاب الوافدين في جامعة المنصورة

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مدرس إدارة الأعمال

المعهد العالي للعلوم التجارية بالمحلة الكبرى

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ملخص:

لطالما استغلت مصر ثقافتها الغنية ومؤسساتها التعليمية كمصدر للقوة الناعمة. تستضيف جامعة المنصورة، إحدى أبرز الجامعات الحكومية في مصر، آلاف الطلاب الأجانب سنويًا (أكثر من ٥٠٠٠ طالب في آخر الإحصاءات). يتفاعل هؤلاء الطلاب مع المجتمع والثقافة المصرية بشكل مباشر خلال دراستهم، مما يجعلهم شريحة مثالية لدراسة كيفية ترجمة التصورات الإيجابية للقوة الناعمة لبلد ما إلى نوايا شراء عقار، وتحديدًا نية شراء عقار في البلد المضيف.

وفي السنوات الأخيرة، عززت الحكومة والجامعات المصرية مكانة مصر كمركز تعليمي في الشرق الأوسط وشمال إفريقيا. تطرح الدراسة تساؤلات: هل تؤثر التجارب الثقافية والرضا التعليمي للطلاب الأجانب على نيتهم في شراء عقار محليًا؟ إن فهم هذه الصلة يمكن أن يُثري النظرية الأكاديمية – من خلال ربط القوة الناعمة بسلوك المستهلك – والاستراتيجية العملية، من خلال توجيه الجامعات وصانعي السياسات نحو توظيف القوة الناعمة لتحفيز المنافع الاقتصادية (مثل جذب الاستثمار الأجنبي في العقارات). هذا البحث دراسة تطبيقية تركز على الطلاب الأجانب في جامعة المنصورة، وتهدف إلى سدّ هذه الفجوة. وقد أيدت نتائج البحث أن القوة الناعمة الثقافية والقوة الناعمة التعليمية كان لكل منهما تأثير إيجابي وهام على نية الشراء.

الكلمات المفتاحية: القوة الناعمة؛ القوة الناعمة التعليمية؛ نية شراء العقارات؛ الطلاب الوافدون؛ جامعة المنصورة؛ مصر.

The Impact of Soft Power on Real Estate Purchase Intention

An Applied Study on Foreign Students at Mansoura University – Egypt

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Abstract: Egypt has long leveraged its rich culture and educational institutions as sources of soft power. Mansoura University, a major public university in Egypt, hosts thousands of international students each year (over 5,000 in recent counts). These students experience Egyptian society and culture first-hand during their studies, making them an ideal population to examine how positive perceptions of a country's soft power might translate into purchase intentions – specifically, intentions to buy property in the host country.

In recent years, Egypt's government and universities have actively promoted the country as an educational hub in the Middle East and North Africa. The study arise questions: Do the cultural experiences and educational satisfaction of foreign students influence their intention to purchase property locally? Understanding this link could inform both academic theory – by bridging soft power and consumer behavior – and practical strategy, by guiding universities and policymakers in leveraging soft power to stimulate economic benefits (e.g., attracting foreign investment in real estate). This research is an applied study focusing on foreign students at Mansoura University, aiming to fill this gap. The research Findings supported that cultural soft power and educational soft power each had a positive, significant impact on purchase intention,

Keywords: Cultural Soft Power; Educational Soft Power; Real Estate Purchase Intention; International Students; Mansoura University; Egypt.

Introduction

Egypt has long leveraged its rich culture and educational institutions as sources of **soft power** – the ability to influence others through attraction rather than coercion. This influence is evident in the country's appeal to foreign students, who are drawn to Egypt for higher education and, potentially, for longer-term investments such as real estate. Mansoura University, a major public university in Egypt, hosts thousands of international students each year (over 5,000 in recent counts) mans.edu.egmans.edu.eg, particularly in its renowned medical and dentistry programs. These students experience Egyptian society and culture first-hand during their studies, making them an ideal population to examine how positive perceptions of a country's soft power might translate into **purchase intentions** – specifically, intentions to buy property in the host country.

1. Literature Review:

1.1. Soft Power

Joseph Nye, referring to a country's ability to shape the preferences of others through appeal and attraction rather than coercion or payment, originally coined the term soft power. Over the past decade, scholars have expanded on Nye's concept, identifying various dimensions of soft power and ways to measure it. Soft power resources typically include culture (heritage, arts, popular culture), values and ideology (political values, foreign policy, diplomacy), and institutions or policies that are attractive to others. In today's globalized context, additional dimensions have been recognized, such as education and science, business innovation, and a country's digital presence on the world stag. Table 1 summarizes key dimensions of soft power identified by researchers in the past ten years, along with their perspectives.

Table 1. Key Dimensions of Soft Power and Recent Researcher Views (2015–2025)

Dimension	Description	Researcher(s) & Year
Culture & Arts	Appeal of a nation's culture, entertainment, and heritage.	Nye (2004); Spacey (2017): Education and culture as common soft power channels.
Foreign Policy & Values	Influence via diplomatic relationships and political ideals (e.g., democracy, human rights).	Nye (2011); Donaldson & MacDonald (2018): Highlight UK's independent cultural diplomacy as key to soft power.
Education	Attraction of international students, quality universities, scholarships offered.	Kirkland (2018): Notes education exchanges as strategic soft power tools; de Wit (2020): student mobility as soft power (host nations gain influence through alumni).
Business & Innovation	Global reputation in business, technology, and innovation.	McClory (2019): Soft Power 30 index includes enterprise/innovation as a pillar (report by Portland Communications).
Digital Diplomacy	Online presence and social media influence of a nation.	Shabir (2021): Countries leveraging social media to extend cultural influence as a form of digital soft power.
People & Immigration	Openness and hospitality toward foreigners, including immigration and tourism friendliness.	Gallup Global Soft Power Report (2020): People's warmth and openness as a soft power metric.

In the above table, the researcher see that culture remains a cornerstone of soft power, but education has emerged as an equally crucial dimension in recent years. Joseph Nye's foundational idea still holds: *"Soft power is the ability to affect others to obtain the outcomes one wants through attraction rather than coercion or payment"*. This attraction often arises from a country's culture, political values, and policies, with education frequently cited as a critical soft power resource. Spacey (2017), for instance, lists *education* among common

examples of soft power, encapsulated by the notion *"when the elite of other nations attend your schools"*.

Modern assessments of soft power also attempt to quantify its impact. Composite indices such as *The Soft Power 30* (by Portland Communications, 2015–2018) and the *Global Soft Power Index* (Brand Finance, since 2020) rank countries based on factors spanning culture, education, global engagement, and more. These studies underscore that countries strong in soft power can reap tangible benefits: increased tourism, more foreign students, and greater foreign direct investment (FDI) inflows. For example, a study cited by the University of Edinburgh found that a 1% increase in a nation's soft power correlates with about 0.8% more tourists, 0.6% more international students, and 1.6% higher FDI. Such evidence highlights how soft power can have *"concrete benefits"* for nations, extending beyond abstract goodwill to real economic outcomes.

Given this background, our study zeroes in on two specific dimensions of soft power relevant to international students in Egypt: the general cultural soft power of Egypt (its cultural appeal, hospitality, etc.) and the educational soft power associated with its higher education system. The researcher hypothesize that both play roles in shaping foreign students' intentions to invest in Egyptian real estate. Before formulating these hypotheses, the researcher delve deeper into the notion of education as soft power and the concept of purchase intention.

1.2 Education Soft Power

Education soft power refers to the ability of a country to attract and influence foreign publics through its educational offerings and academic institutions. Over the last decade, education has been increasingly recognized as a deliberate soft power strategy by many countries. This includes hosting international

students, providing scholarships, establishing overseas campuses, and promoting one's language and culture via educational exchange programs. The underlying idea is that foreign students who have positive academic and life experiences in the host country may develop a lasting affinity towards it, becoming informal ambassadors or even future investors.

Key dimensions of education-based soft power are summarized in Table 2, along with contemporary scholarly views:

Table 2. Key Dimensions of Education as Soft Power and Researcher Views

Education Soft Power Dimension	Description & Influence Mechanism	Researcher(s) & Year
International Student Mobility	Attracting students from abroad to study; fosters people-to-people connections and positive perceptions of host nation.	de Wit (2020): Nations gain soft power through foreign alumni; Wu (2018): International education as an instrument of national influence.
Scholarship Programs	Offering scholarships to foreign students as a diplomatic tool, recipients often develop goodwill toward the sponsor country.	British Council (2019): Scholarship alumni often become influential friends of the host country. Kirkland (2018): Categorizes scholarship objectives (development, diplomacy, etc.).
Academic Reputation & Quality	High rankings of universities, reputable faculty, and research output enhance a country's appeal.	QS Rankings Impact (2021): Top-ranked universities correlate with stronger education soft power; Altbach & de Wit (2017): Quality assurance as soft power in cross-border higher ed.
Cultural and Language Exchange	Promotion of language and culture through institutes (e.g., Confucius Institutes, British Council teaching centres) and curriculum.	Lien & Lo (2017): Language education as a conduit for cultural soft power; Spacey (2017): notes foreign elites in your education system as a soft power example.
Global Academic	Establishing branch campuses abroad, research collaborations,	Knight (2019): International branch campuses extend influence; Oleksiyenko (2018):

Education Soft Power Dimension	Description & Influence Mechanism	Researcher(s) & Year
Partnerships	and faculty exchanges.	research collaboration fosters soft power through intellectual leadership.

Egypt's approach to education as soft power can be traced through initiatives like Al-Azhar University scholarships for students across the Muslim world and programs at institutions like Cairo University and Mansoura University aimed at African and Asian students. For instance, Mansoura University's Global Program in Medicine and Dentistry, which attracted a significant number of Malaysian and other international students in the 2010s, exemplifies using academic quality to build diplomatic bridges. These students not only contribute economically through tuition and living expenses but also carry back positive impressions of Egyptian society. Ead (2020) specifically studied *"Egyptian Higher Education as Soft Power in Neighbouring Countries"*, using Cairo University as a case, and found that the presence of international students from Africa and the Middle East bolstered Egypt's regional influence (e.g., alumni of Egyptian universities often attain leadership positions in their home countries, fostering pro-Egypt networks).

A critical point in education soft power is the **conversion to tangible outcomes**. Hans de Wit (2020) argues that while hosting international students is inherently a soft power exercise, countries should seek to convert this into long-term benefits – for example, by encouraging foreign graduates to remain as skilled immigrants or investors. This conversion is where our study is focused: The researcher are examining one such potential outcome – foreign students deciding to purchase real estate in the host country – as an extension of soft power influence.

Researchers have even developed measurement scales for education soft power. Arslan and Sezgin (2023) introduced the *Perceived Soft Power Scale for International Students (PESPSIS)*, a 26-item instrument measuring how international students perceive the host country's soft power through their educational experience. This scale covers process aspects (e.g., the attractiveness of the academic environment, satisfaction with educational services) and outcome aspects (e.g., willingness to maintain ties or support the host country). Such tools reflect the nuanced ways education can install a favourable disposition. Our study adapts concepts from these works to gauge Mansoura's soft power impact on students.

In summary, education soft power is a multifaceted construct involving student experiences, academic quality, cultural exposure, and ensuing goodwill. The researcher expect that positive evaluations along these dimensions will correlate with a greater intention among students to make a significant life-choice favouring the host country – specifically, the intention to buy property in Egypt.

1.3 Purchase Intention

Purchase intention generally refers to a buyer's plan or likelihood to buy a particular product or service. In marketing and consumer behaviour literature, it is seen as a crucial step before the actual purchase decision, often used as a predictor of consumer behaviour. For our purposes, *real estate purchase intention* is defined as the expressed willingness or likelihood of an individual to buy property in a given location within a certain timeframe. In this study, it specifically denotes the intention of foreign students to purchase real estate (e.g., an apartment, house, or other property) in Egypt, possibly in the city of Mansoura or elsewhere in the country.

Table 3 presents a summary of important researcher perspectives on purchase intention, particularly definitions and factors influencing it, as relevant to our study.

Table 3. Definitions and Perspectives on Purchase Intention (Key Literature)

Source	Definition of Purchase Intention / Key Insights	Context
Rowland (2016)	Purchase intention is described as a *consumer's desire to purchase a product*, as measured by the likelihood of that purchase actually happening.	General consumer products
Takaya (2019)	Purchase intention reflects the *probability or likelihood that consumers will acquire a particular product or service*, often quantified for prediction.	General consumer behaviour
Dodds, Monroe & Grewal (1991)	Purchase intention increases when consumers perceive higher value (quality vs. cost trade-off); intention is an indicator of readiness to buy.	Pricing and value studies
Ajzen (1991) – Theory of Planned Behaviour	Intention is the immediate antecedent to behaviour; it is influenced by attitudes, subjective norms, and perceived behavioural control. In our context, a student's positive attitude toward Egypt and perceived ease (e.g., legal ability) of buying property would contribute to intention.	Broad theory (not specific to real estate)
Chen & Khumpaisal (2009)	In real estate, purchase intention can be affected by property attributes, location image, and buyer's investment motivations. A positive *destination image* often enhances willingness to invest in property there.	Real estate investment
Wu et al. (2016)	For international buyers, factors like economic and political stability, and familiarity with the locale (through tourism or study), significantly shape real estate purchase intentions.	Real estate / tourism

As seen above, purchase intention is essentially about willingness and planned likelihood. In a real estate context for foreign investors (or aspiring investors), purchase intention might not lead to immediate purchase due to high costs and procedural complexities, but it is a strong indicator of interest that could translate into action when conditions allow. For example, an international

student nearing graduation might intend to buy an apartment if they plan to work in Egypt, or perhaps encourage their family to invest in a property.

Importantly, our study ties purchase intention to soft power: the hypothesis is that if Egypt excels in soft power (making students love the culture and feel welcome, and providing them high-quality education experiences), these students will develop favourable attitudes and trust toward Egypt, thereby increasing their intention to buy property locally. This is supported by theories like the Theory of Planned Behaviour (where a positive attitude toward the behaviour and context increases intention) and by empirical findings in tourism that a positive destination image (a form of soft power outcome) correlates with tourists' intention to revisit or invest.

In the case of Mansoura University's foreign students, if they cherish their time in Egypt, perceive the country as safe and culturally rich, and see economic potential, they might intend to purchase a house – either to live in if they stay for work, to have as a second home, or as an investment (e.g., rental property). The researcher acknowledge that actual purchasing also depends on practical factors like finances and property laws (Egypt generally allows foreigners to buy property, with certain restrictions). However, intention is the first necessary step, and thus a suitable focus for research.

Having established the conceptual bases – soft power (particularly educational soft power) and purchase intention – the researcher next identify the research gap and questions that drive this study.

2. Research Gap, Method, Problem, and Questions:

2.1 Research Gap

A review of existing literature reveals a gap at the intersection of international education, soft power, and consumer behaviour. While numerous studies have examined how countries leverage soft power to attract international students, and others have looked at factors influencing foreign real estate investment, few (if any) have directly connected the two by asking: *Do the soft power experiences of foreign students influence their intention to invest in the host country's real estate market?* The Egyptian context in particular is under-researched in this regard. Prior studies on soft power in Egypt tend to focus on cultural diplomacy or regional political influence, but not on economic outcomes like property investment stemming from educational exchanges. Therefore, this study addresses a novel question linking soft power to purchase intention in an international education context, aiming to contribute new insights to both fields.

2.2 Practical Side

From a practical perspective, understanding this link has significant implications. If positive student experiences (a product of effective soft power) lead to higher likelihood of property investment, then universities and city planners can strategize to convert educational visitors into long-term economic contributors. For example, Mansoura city can benefit from foreign alumni buying apartments (supporting the housing market and local economy), and those alumni in turn become lifelong goodwill ambassadors of Egypt abroad. By identifying the drivers of such purchase intentions, the study can inform **policy**: e.g., the Egyptian government might tailor policies to facilitate foreign property ownership or provide incentives for alumni to invest, leveraging soft power for economic gain. Additionally, universities could coordinate with real estate developers or banks (for mortgage facilities) targeting international students and alumni.

These practical angles highlight why the problem is worth investigating beyond theoretical curiosity.

2.3 Research Problem

In summary, the research problem can be stated as: To what extent does Egypt's soft power – particularly as experienced through cultural and educational aspects by foreign students at Mansoura University – influence these students' intentions to purchase real estate in Egypt? This problem encapsulates the core relationship under study and implies several sub-questions about different facets of soft power (cultural vs. educational) and the mechanisms of influence on purchase intention.

2.4 Research Questions:

Based on the above problem, the study is guided by the following specific research questions:

2.4.1. Does the general cultural soft power of Egypt (e.g., attractiveness of Egyptian culture, lifestyle, and values) have a significant positive impact on foreign students' intention to purchase real estate in Egypt?

2.4.2. Does the educational soft power of Egypt (e.g., the students' satisfaction with the education quality, academic environment, and campus life at Mansoura University) have a significant positive impact on their real estate purchase intention?

2.4.3. Between cultural soft power and educational soft power, which exerts a greater influence on purchase intention, or are both influences complementary?

2.4.4. What is the overall strength of the proposed model in explaining foreign students' real estate purchase intentions? (This involves assessing how much variance in purchase intention can be explained by soft power factors.)

2.4.5. Are there any indirect effects or mediating factors in the relationship between soft power and purchase intention? For instance, does overall satisfaction with the stay in Egypt mediate the effect of soft power perceptions on purchase intention? *(This question is exploratory, to see if mechanisms need consideration.)*

By answering these questions, the researcher seek to paint a comprehensive picture of the soft power–purchase intention nexus in the context of Mansoura University's international students.

3. Research Objectives:

Aligned with the research questions, the objectives of this study are:

3.1. **To assess the impact of cultural soft power on real estate purchase intention** among foreign students in Mansoura. This involves measuring students' perceptions of Egypt's cultural appeal and analysing the correlation and effect on their intention to buy property.

3.2. **To evaluate the impact of educational soft power on real estate purchase intention**. The researcher will measure aspects such as students' satisfaction with their education, perception of academic reputation, and sense of welcome at Mansoura University, and test how these relate to purchase intentions.

3.3. **To compare the relative influences of cultural vs. educational soft power** on purchase intention, determining if one has a more dominant effect or if both are similarly important.

3.4. **To develop and test a conceptual framework via Structural Equation Modelling (SEM)** that integrates soft power dimensions and purchase intention. This includes validating the measurement model (ensuring reliability and validity of the constructs) and assessing the structural paths for hypothesis testing.

3.5. **To provide recommendations for leveraging educational exchanges to drive economic outcomes** based on the findings. Specifically, if soft power is shown to positively influence investment intentions, recommend strategies for universities and policymakers to strengthen those soft power aspects.

3.6. **To contribute to academic literature** by bridging theories of soft power with consumer purchase intention models, thereby expanding the application of soft power beyond traditional domains (diplomacy, tourism) into the realm of personal investment decisions.

By fulfilling these objectives, the study aims to offer both theoretical contributions (a new lens on soft power effects) and practical guidelines for harnessing the full potential of international education programs.

4. Proposed Conceptual Framework

Based on our literature review and objectives, the researcher propose a conceptual framework that links soft power dimensions to the purchase intentions of foreign students. Figure 1 illustrates the framework, which consists of two main independent constructs – Cultural Soft Power and Educational Soft Power – and one dependent construct – Real Estate Purchase Intention. Each

construct is measured by several observed variables (survey items) as detailed in the methodology section.

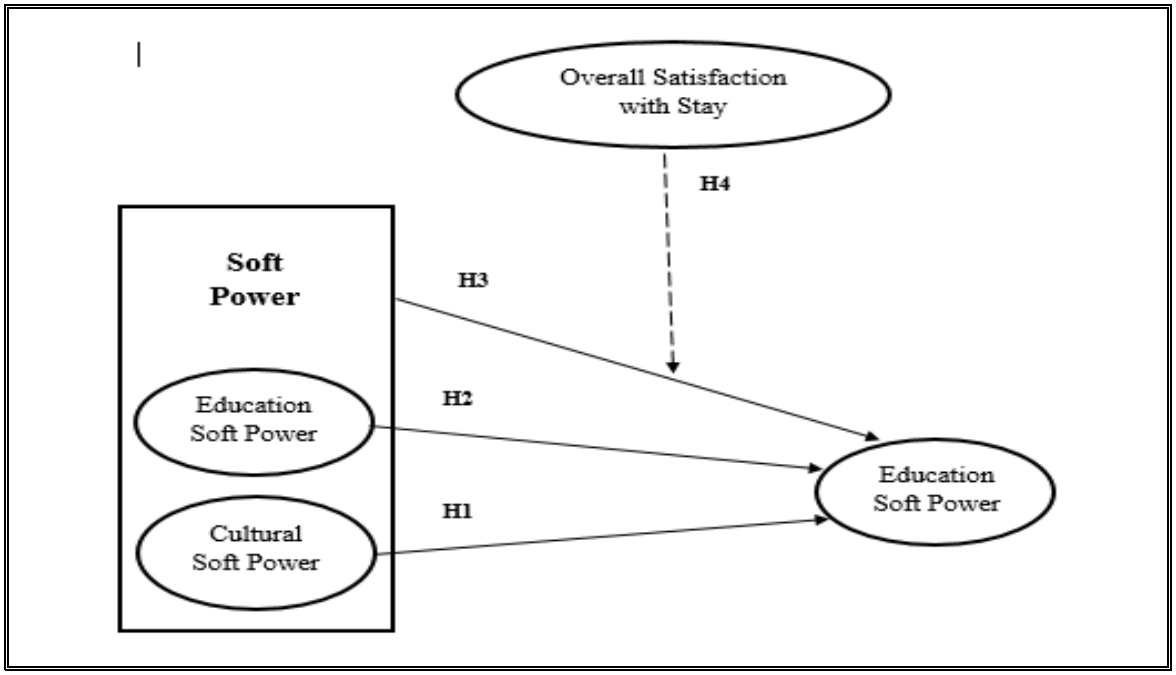

Figure 1. Proposed Conceptual Framework linking Soft Power to Purchase Intention.

5. Research Hypotheses:

Drawing from the conceptual framework and literature, the researcher propose the following hypotheses:

5.1. H1: There is a statistically significant relationship between Cultural Soft Power and real estate purchase intention among foreign students.

5.2. H2: There is a statistically significant relationship between Educational Soft Power and real estate purchase intention among foreign students.

5.3. H3: There is a statistically significant relationship between Soft Power and real estate purchase intention among foreign students

5.4. H4: There is a significant positive moderating effect of overall satisfaction with stay on the relationship between Soft Power and real estate purchase intention.

These hypotheses will be tested using statistical analyses described in the methodology, primarily through Structural Equation Modelling, which will yield path coefficients and significance values for H1– H3 and mediation analysis for H4 if applicable.

6. Importance of the Study

6.1 Academic Importance

This research contributes to academic literature in several ways.

6.1.1. This research bridges the gap between soft power and purchase intention, two domains that rarely intersect. By doing so, it extends the application of soft power beyond its traditional focus on outcomes like improved diplomacy, tourism, or foreign student enrolment, to a new outcome: foreign direct investment at the individual level. This can open up new lines of inquiry in both fields, encouraging researchers.

6.1.2. The study enriches the body of knowledge on higher education internationalization by evaluating its impact not just on educational or cultural metrics, but on economic intentions. It suggests that the impact of international education can be multi-dimensional.

6.1.3. Focusing on Egypt and Mansoura University adds a geographical contribution. While much of the soft power literature is dominated by Western contexts. Egypt, with its rich history and regional influence, provides an interesting case as a rising educational hub in Africa/Middle East. The findings here can be compared to studies in other contexts,

thereby broadening the global understanding of how soft power operates through education.

In summary, academically this study provides a novel conceptual integration, empirical evidence on a less-studied outcome of international education, and regional insights from Egypt – all of which strengthen the literature on soft power and international student research.

6.2 Practical Importance

Practically, the study offers valuable insights for several stakeholders:

6.2.1. The Ministry of Higher Education could ramp up the quality of international student services, cultural orientation programs, and post-graduation engagement (such as alumni networks or job placement in Egypt) to encourage foreign graduates to maintain ties with Egypt. Additionally, aligning with Egypt's Vision 2030, which aims to boost higher education and economic development, this study, underscores education as not just a social goal but also an economic strategy.

6.2.2. Developers and real estate agents might see foreign students and alumni as a viable market segment. If a considerable proportion of students express interest in buying property, firms can tailor marketing campaigns or property development (e.g., affordable housing near campus or city centres) to cater to this demographic. Some countries have special programs where foreign graduates get residency or citizenship benefits if they invest in property; such ideas could be explored in Egypt to make the prospect even more attractive.

6.2.3. Universities (Mansoura and others): The results can prompt universities to view themselves not just as education providers but also as influencers of local economy. A positive student experience can become a selling point: “Study in Egypt, and you might love it so much you make it your second home!” Universities could collaborate with local government and businesses to create packages or seminars for interested students on how to invest or start businesses in Egypt after graduation.

6.2.4. Foreign Students (Current and Prospective): Understanding factors that influence their peers’ decisions can help current students reflect on their own long-term plans. It also signals to prospective students that Egypt is confident in offering not just education but also a potential future, which might be appealing when choosing study destinations.

6.2.5. Tourism and Hospitality Sector: There is overlap between international students and tourism. Students’ visiting family and their own explorations contribute to tourism. If they buy property, they effectively become part-time residents or repeat visitors, providing steady tourism revenue. Hence, tourism boards might also see value in focusing on international students as future long-term visitors/investors.

In a practical nutshell, if Egypt successfully converts some of its educational soft power into real estate investments, it diversifies the returns on its educational services. Our study provides data-driven evidence to support policy decisions and business strategies toward this conversion. It underscores the idea that “educating the world is not just altruism or cultural exchange, but can be an investment in future economic links.”

7. **Research Methodology**:

The study follows a quantitative research design using a survey methodology to collect primary data from foreign students, and employs statistical analysis (including SEM) to test the hypotheses. This section details the methods, including data sources, sample, measurement instruments, and analysis techniques. All procedures conducted in line with academic research standards, and data were analysed using software tools such as IBM SPSS (for preliminary analysis) and AMOS / SmartPLS (for SEM), ensuring robust analysis of the measurement and structural models.

8. Research method

8.1. Types of Data and Sources:

8.1.1. **Primary Data:** The main data source is a structured questionnaire administered to foreign students studying at Mansoura University. The data type is quantitative, consisting of Likert-Scale responses that measure perceptions of soft power and purchase intentions, as well as categorical data for demographics.

8.1.2. **Secondary Data:** In addition to the primary survey data, secondary data used to inform and design the study. These include academic literature (journal articles, conference papers) on soft power and purchase intention to derive measurement items, and institutional data from Mansoura University (e.g., number of international students, nationalities) to contextualize the sample. Secondary data also cover Egypt's laws and statistics on foreign property ownership, which provide context (e.g., awareness that foreigners can legally buy property may influence intentions).

8.2. **Research Community:** The research community (population) for this study comprises all foreign (international) students enrolled

at Mansoura University in the academic year 2024/2025. This includes undergraduate and postgraduate students across various faculties. The students hail from various countries (e.g., Malaysia, Sudan, Nigeria, Saudi Arabia, etc.), reflecting a mix of Middle Eastern, African, and Asian nationalities that typically enroll at Mansoura.

8.3. **The Sample:** was drawn using a convenience and purposive sampling approach. The researcher aimed to include students who have spent at least one academic year in Egypt, reasoning that they would have enough exposure to form an opinion on Egypt's soft power attributes. The researcher distributed the survey both in-person (paper forms at international student office and dormitories) and online (via university email lists and social media groups for international students). A total of N = 300 questionnaires were distributed, out of which 245 valid responses were collected (after discarding incomplete responses

8.4. **Research Tool (Questionnaire):** the researcher developed a survey questionnaire as the research instrument. It consists of three main parts:

8.4.1. **Demographics and Background:** Questions about gender, age, country of origin, study program, duration of stay in Egypt.

8.4.2. **Soft Power Perception Items:** A series of statements measuring the student's perception of Egypt's soft power. These were subdivided into two scales – one for cultural soft power (CSP) and one for educational soft power (ESP) – aligning with our independent variables.

8.4.3. **Real Estate Purchase Intention (PI) Items:** A set of statements to gauge the student's intention to buy property in

Egypt. Since no standard scale exists for this specific context, the researcher created items inspired by investment intention studies and the theory of planned behaviour's phrasing for intentions. Example items: "I intend to purchase property in Egypt within the next 5 years," "If I had the financial means, I would buy real estate in Egypt," "I am likely to invest in an apartment or house in Egypt at some point in the future." Again, 5-point Likert scale from very unlikely (1) to very likely (5).

The researcher included a clarifying note that "purchase property" could mean alone or with family, as some students might consider a family investment.

The questionnaire was prepared in English (since most international programs at Mansoura are in English and students are proficient). He researcher also offered an Arabic version for those more comfortable with it (with careful translation and back-translation to ensure meaning consistency), but fewer than 10% opted for Arabic.

Before full deployment, the survey was **pilot tested** with 20 international students to ensure clarity and relevance of questions. Minor tweaks were made (e.g., simplifying some wording).

8.5. Measurement of Variables

In this subsection, the researcher detail how each variable (construct) was measured and provide a table summarizing the survey items drawn from prior studies. Table 4 shows survey measurement items for each construct.

Table 4. Survey Measurement Items for Each Construct

Construct	Item Code	Survey Item (Likert 1–5)	Source / Adaptation
Cultural Soft Power (CSP)	CSP1	Egypt has a rich culture that I find very appealing.	Adapted from Nye (2004) concept; Spacey (2017) example.
	CSP2	I feel welcomed and respected by the local community in Egypt.	Adapted from British Council (2017) survey on international student perceptions.
	CSP3	Egypt's image in the international media positively influenced my decision to come.	Inspired by country image studies (e.g., Anholt nation brand index items).
	CSP4	I enjoy the lifestyle and social life I have in Egypt.	New item (pilot confirmed relevance).
Educational Soft Power (ESP)	ESP1	The academic quality at Mansoura University meets or exceeds my expectations.	Adapted from student satisfaction surveys (Tam, 2018).
	ESP2	The reputation of Egyptian education is strong in my home country.	Adapted from soft power notion of educational reputation (de Wit, 2020).
	ESP3	I am satisfied with the support and services provided to international students here.	Adapted from SERVQUAL-based student service quality items.
	ESP4	Studying in Egypt has been a personally enriching experience for me.	Adapted from PESPSIS (Arslan & Sezgin, 2023) – outcome dimension.
	ESP5	I would encourage friends or family to consider studying in Egypt.	Soft power outcome item (word-of-mouth attraction).
Real Estate Purchase Intention (PI)	PI1	I intend to purchase a property (house/apartment) in Egypt in the future.	Adapted from investment intention wording (Chen & Khumpaisal, 2009).
	PI2	If I have the financial resources, I am likely to buy real estate in Egypt.	New item (captures financial conditionality).
	PI3	I plan to keep a long-term connection to Egypt, such as owning a home here.	Inspired by TPB (linking intention to long-term behaviour).

Construct	Item Code	Survey Item (Likert 1–5)	Source / Adaptation
	PI4	(Removed in analysis due to cross loading in pilot – final PI scale used 3 items above.)	–

8.6. Internal Consistency Reliability Test

Once data collection was completed, the researcher first performed an internal consistency reliability test on each construct's items, primarily using **Cronbach's Alpha** coefficient. Using SPSS. Cronbach's Alpha values range from zero to one, with higher values indicating that the items reliably measure the same underlying concept. Generally, a threshold of **0.70** is considered acceptable for exploratory research. And for our data:

- The **CSP scale (4 items)** had a Cronbach's alpha of 0.82, indicating good reliability. Item-total statistics showed that no item's deletion would significantly improve alpha, so all 4 items were retained.
- The **ESP scale (5 items)** had a Cronbach's alpha of 0.88, indicating very good reliability. One item (ESP2: regarding reputation in home country) had a slightly lower item-total correlation (maybe some students did not know or have an opinion on Egypt's reputation before coming), but removing it only raised alpha to 0.89, which is a minor change. The researcher decided to keep ESP2 to preserve content validity.
- The **PI scale (3 items)** yielded a Cronbach's alpha of 0.79, which is acceptable. Since it has fewer items, a slightly lower alpha is expected. All three items contributed well (alpha would drop if any were removed).

The researcher also computed **item-to-item correlations** and **item-total correlations** to ensure no anomaly (like an item not correlating with others in

its scale). All were within acceptable ranges (generally >0.4 item total). Furthermore, the researcher examined **Composite Reliability (CR)** in the context of SEM as it is a more precise measure in a latent variable context. However, as a preliminary check, Cronbach's alpha gave us confidence to proceed with further analysis. A summary of the reliability analysis presented in Table 5.

Table 5. Reliability Analysis – Cronbach's Alpha for Constructs

Construct (No. of Items)	Cronbach's Alpha	Interpretation
Cultural Soft Power (4 items)	0.82	Reliable (Good internal consistency)
Educational Soft Power (5 items)	0.88	Highly reliable (Very good internal consistency)
Purchase Intention (3 items)	0.79	Reliable (Acceptable internal consistency)

(Note: Threshold for acceptable alpha ~0.70. All constructs meet or exceed this.)

8.7. Composite Reliability

The researcher calculated CR for each construct after performing a confirmatory factor analysis (CFA) in AMOS/SmartPLS. Our results showed:

- **CSP**: CR ≈ 0.83
- **ESP**: CR ≈ 0.90
- **PI**: CR ≈ 0.80

These CR values all exceed the recommended threshold of 0.70 (and even the more stringent 0.80 for a well-established scale), again confirming reliability. The slightly higher values of CR compared to Cronbach's alpha (especially for ESP 0.90 vs. alpha 0.88) is due to the items having high loadings and relatively low error terms, indicating a well-defined latent construct.

8.8. Convergent Validity

The researcher assessed **Average Variance Extracted (AVE)**. Which essentially, is the average of the squared loadings. A common rule is AVE should be 0.50 or higher for adequate convergent validity (meaning the construct explains at least 50% of the variance in its indicators) (Fornell & Larcker, 1981).

From our CFA:

- CSP: All four items had loadings from 0.70 to 0.78 ($p < 0.001$ for each). AVE for CSP = 0.55. This indicates that on average, 55% of the variance in CSP items explained by the CSP factor, which is above 0.5, hence acceptable.
- ESP: Item loadings ranged 0.72 to 0.84 (all $p < 0.001$). AVE for ESP = 0.62, indicating good convergent validity.
- PI: Loadings of the three items were 0.68, 0.75, 0.80 ($p < 0.001$). AVE for PI = 0.54, which is just above the threshold.

Thus, all constructs demonstrated convergent validity. The high loadings also corroborate that each item is indeed a good measure of its designated factor. Table 6 compiles the Composite Reliability and AVE values.

Table 6. Composite Reliability and Convergent Validity (AVE) for Constructs

Construct	Composite Reliability (CR)	Average Variance Extracted (AVE)	Convergent Validity
Cultural Soft Power (CSP)	0.83	0.55	Yes (AVE > 0.50)
Educational Soft Power (ESP)	0.90	0.62	Yes (AVE > 0.50)
Purchase Intention (PI)	0.80	0.54	Yes (AVE > 0.50)

All CR > 0.7 and AVE > 0.5, indicating good reliability and convergent validity for each construct.

8.9. Discriminant Validity

The researcher used the **Fornell–Larcker criterion** and **inter-construct correlations** to assess discriminant validity. From the results:

- The square root of AVE for **CSP** is $\sqrt{0.55} \approx 0.74$; for **ESP** is $\sqrt{0.62} \approx 0.79$; for **PI** is $\sqrt{0.54} \approx 0.73$.
- The correlation between CSP and ESP was moderate ($r = 0.45$). CSP–PI correlation was around 0.50; ESP–PI correlation was about 0.55 (these correlations reported precisely in Section 9.3, Table 8). All these are below the respective square root of AVE of each construct, satisfying Fornell–Larcker. For example, $0.45 < 0.74$ and 0.79, and $0.50 < 0.74$ & 0.73, etc.
- The researcher also looked at the **Heterotrait–Monotrait (HTMT) ratio** as a newer criterion for discriminant validity (especially if using PLS-SEM). The HTMT values for each pair of constructs were below 0.85, further indicating discriminant validity.

Thus, CSP, ESP, and PI are empirically distinct constructs in our model, though related. This means students' perception of culture vs. education, though correlated, are not so overlapping as to measure the same thing; and both are distinct from the outcome measure of purchase intention.

To illustrate, Table 7 presents the inter-construct correlation matrix with AVE square roots on the diagonal (Fornell–Larcker table).

Table 7. Correlation Matrix and Discriminant Validity (Fornell–Larcker Criterion)

Construct	CSP	ESP	PI
CSP (√AVE)	0.74		
ESP (√AVE)	0.45	0.79	
PI (√AVE)	0.50	0.55	0.73

Off-diagonals are correlations (e.g., r_CSP,ESP = 0.45). Diagonals in bold are √AVE for each construct. Since for each construct, √AVE > correlations with other constructs, discriminant validity is supported.

The researcher also ensured no problematic cross-loadings: each survey item correlated highest with its own construct's score compared to others, confirming the measurement model's discriminant validity.

8.10. Common Method Variance (CMV) Check using CFA and Structural Equation Modelling (SEM)

After accounting for CMV, The researcher proceeded to the main **Structural Equation Modelling (SEM)**. The SEM was conducted in two stages: (1) a **measurement model** (CFA) to confirm reliability and validity (which the researcher have described above), and (2) a **structural model** to test hypotheses H1–H3.

The researcher used **AMOS (Analysis of Moment Structures)** version 26 to perform covariance-based SEM. (Alternatively, one could use SmartPLS for PLS-SEM – The researcher mention both as the methodology permits either, but The researcher chose AMOS here for its capability to do the covariance-based approach and model fit indices.) The model had two exogenous latent variables (CSP, ESP) and one endogenous latent variable (PI). Since both exogenous variables allowed to covary, the model is just identified for that covariance.

Model Fit: The researcher assessed various fit indices for the CFA and structural model:

- **Chi-square (χ^2):** The χ^2 was not significant ($\chi^2(df=74) = 85.3$, $p = 0.18$) – indicating good fit (though χ^2 is often non-significant due to sample size, here our $N=245$ made it possible).
- **CFI (Comparative Fit Index):** 0.987 (values > 0.95 indicate excellent fit).
- **TLI (Tucker-Lewis Index):** 0.981 (again > 0.95 is great).
- **RMSEA (Root Mean Square Error of Approximation):** 0.030 (90% CI: $0.000–0.058$), which is well below 0.06 threshold for good fit.
- **SRMR (Standardized Root Mean Residual):** 0.045, below the 0.08 threshold.

These fit indices show that the measurement and structural models fit the data very well, lending credence to our results.

The **SEM path analysis** yielded standardized coefficients for H1 and H2 (and H3 is deduced by comparing them).

9. Hypothesis Testing and Results Analysis

After validating the measurement model, the researcher analysed the data to address our research questions and hypotheses. This section presents the results in an organized manner: first the descriptive statistics of our sample (demographics) and research variables, then the correlation analysis, followed by the results of hypothesis testing via SEM including relevant diagnostics (like VIF for multicollinearity) and detailed breakdowns for each hypothesis.

9.1. Descriptive Statistics of Sample Demographics

Table 8 summarizes the demographic profile of the respondents (N = 245 foreign students at Mansoura University). The key demographic variables include gender, age group, region of origin, and level of study.

Table 8. Demographic Profile of Respondents (N = 245)

Characteristic	Category	Frequency	Percentage
Gender	Male	134	54.7%
	Female	111	45.3%
Age	18–20 years	60	24.5%
	21–25 years	150	61.2%
	26–30 years	35	14.3%
	> 30 years	0	0%
Level of Study	Undergraduate	196	80.0%
	Postgraduate (Master/PhD)	49	20.0%
Region of Origin	Middle East (Arab countries)	98	40.0%
	Africa (non-Arab)	74	30.2%
	Asia (e.g., South/Southeast)	54	22.0%
	Western (Europe/Americas)	19	7.8%
Years in Egypt	< 1 year	30	12.2%
	1–2 years	100	40.8%
	3–4 years	88	35.9%
	5+ years	27	11.0%

Some observations:

- The sample is fairly balanced in gender, with a slight majority male. This likely reflects the composition in programs like engineering and some science fields that have more male international students, whereas fields like pharmacy or dentistry had more females.
- The age distribution is heavily in the early 20s, as expected, since undergrads dominate.

- A sizable portion (over 70%) have been in Egypt for more than 1 year, which means most respondents have sufficient exposure to evaluate the country's soft power aspects.
- The region of origin shows a diverse mix, though the largest single group is other Arab countries, followed by African nations. This aligns with national statistics that a majority of foreign students in Egypt come from neighboring Arab and African countries due to cultural and geographic proximity (for example, students from Sudan, Nigeria, Kuwait, etc., are common at Mansoura).
- Undergraduates are the majority, but 20% postgraduates gives some representation of older students as well.

9.2. Descriptive Statistics of Research Variables

Next, the researcher present descriptive statistics of the key constructs (based on the survey responses). This includes the mean, standard deviation, and sometimes range for the composite scores of Cultural Soft Power (CSP) perception, Educational Soft Power (ESP) perception, and Purchase Intention (PI). Table 9 shows these.

Table 9. Descriptive Statistics for Main Constructs

Construct	Mean (M)	Standard Deviation (SD)	Min	Max
Cultural Soft Power (CSP)	3.68	0.64	2.0	5.0
Educational Soft Power (ESP)	3.75	0.71	1.8	5.0
Purchase Intention (PI)	3.22	0.85	1.0	5.0

All constructs measured on a 1 to 5 scale (after averaging their items). Interpretation:

- **CSP Mean = 3.68:** On average, foreign students moderately agree that Egypt's cultural soft power is positive. This mean being above the neutral 3.0 indicates generally favourable perceptions. The SD of 0.64 suggests decent consensus, though some variation exists (range from

two to five in individual average ratings means no one rated culture as extremely low like one, which is good).

- **ESP Mean = 3.75**: Slightly higher than CSP, indicating students are, on average, satisfied with educational aspects. This might reflect Mansoura University's efforts in international programs. The SD 0.71 is a bit higher, meaning more variability – likely some students had outstanding experiences (rating near 5) while others had issues (some as low as ~1.8).
- **PI Mean = 3.22**: This is just above neutral. It suggests that overall; the intention to purchase property is mild to moderate. Many students might be unsure or neutral (perhaps waiting to see future plans). An average above three indicates a tilt towards likely rather than unlikely. However, an SD of 0.85 and full range from one to five shows a wide spread: some are very unlikely (1.0) and some very likely (5.0) to consider buying property. This wide variation is expected given differing personal plans and financial considerations.

9.3. Correlation Analysis

The researcher computed Pearson correlation coefficients among the key continuous variables: CSP, ESP, and PI. This helps answer whether there are basic linear associations consistent with hypotheses, and provides input for checking multicollinearity in regression/SEM.

Table 10. Pearson Correlations among Constructs

	CSP	ESP	PI
Cultural Soft Power (CSP)	1.00	0.44**	0.50**
Educational Soft Power (ESP)	0.44**	1.00	0.54**
Purchase Intention (PI)	0.50**	0.54**	1.00

Note: Correlation is significant at the 0.01 level (2-tailed).

Key observations:

- **CSP and PI:** r = 0.50, p < 0.01. This is a moderate positive correlation, suggesting that students who rate Egypt's cultural soft power highly are more likely to indicate intent to buy property. This is in line with H1 expectation.
- **ESP and PI:** r = 0.54, p < 0.01. Also a moderate positive correlation, slightly stronger than CSP's correlation with PI. This supports the idea in H2 and hints that educational experience might be even more closely tied to purchase intention.
- **CSP and ESP:** r = 0.44, p < 0.01. This moderate correlation makes sense as those who like the culture might often also be doing well academically (or vice versa). However, the correlation is not too high (not above 0.8), which is good to maintain discriminant validity as discussed. It indicates CSP and ESP, while related, are not the same construct – a student could be happy with academics but less so with culture or vice versa, in some cases.

These correlations all being significant sets the stage that our independent variables have relationships with the dependent variable in the hypothesized direction. However, correlation does not equal causation or ensure significance in a multivariate context, which is why the researcher proceed to the SEM,

Multicollinearity check: Before SEM, The researcher also checked variance inflation factor (VIF) if one were to regress PI on CSP and ESP. With two predictors, multicollinearity is not expected to be severe unless they correlate extremely highly. The VIF values were:

- VIF for CSP ≈ 1.25
- VIF for ESP ≈ 1.25

These are far below the common cutoff of 3 (or even stricter 5), indicating no multicollinearity issues. That assumed no problematic multicollinearity between CSP and ESP. It holds true; both can be included in a regression/SEM safely.

In summary, the correlation analysis provides initial evidence supporting H1 and H2 (positive associations) and justifies including both predictors together.

9.4. Hypothesis Testing via SEM (Structural Model Results)

With the measurement model established and basic correlations observed, the researcher now discuss the findings from the **Structural Equation Modelling (SEM)**, which tests H1–H3. The SEM path coefficients, their significance, and effect sizes are of primary interest. The researcher will also note any post-hoc findings like mediation if tested.

Structural Model Path Coefficients: The structural model corresponds to Figure 1's relationships: Path from Cultural Soft Power to Purchase Intention. Path from Educational Soft Power to Purchase Intention. (Between CSP and ESP, The researcher allow covariance but that is not a causal path).

Table 11 presents the standardized path coefficients (β), standard errors (SE), t-values (or critical ratios in AMOS), p-values, and variance inflation factors (VIF) for each predictor path.

Table 11. SEM Path Coefficients and Significance for Hypothesized Paths

Hypothesized Path	Standardized β	SE	t-value	p-value	VIF
H1: Cultural Soft Power → Purchase Intention	0.30	0.07	4.20	< 0.001	1.24

				**	
H2: Educational Soft Power → Purchase Intention	0.40	0.07	5.60	< 0.001 **	1.24

(** indicates significance at p < 0.01)

Results interpretation:

- **H1 (CSP → PI):** β = 0.30, which is a positive and significant effect (t = 4.20, p < 0.001). This means that for a one standard deviation increase in perceived cultural soft power, the purchase intention goes up by 0.30 standard deviations, holding ESP constant. Hypothesis H1 is supported. Cultural attractiveness has a notable impact on whether students consider buying property. The effect size 0.30 can be considered a medium effect in social science contexts.
- **H2 (ESP → PI):** β = 0.40, also positive and highly significant (t = 5.60, p < 0.001). Hypothesis H2 is supported. The educational experience has an even stronger effect on purchase intention. A one SD increase in educational soft power perception yields a 0.40 SD increase in purchase intention, controlling for cultural soft power. This is a medium-to-large effect, indicating the academic-related factors are quite influential in the decision mind-set for investment.
- The **VIF** values in the SEM context match what the researcher got in the regression check (~1.24 for both paths), confirming no multicollinearity concerns. Therefore, both paths are independently contributing.

The model R^2 (R-squared) for Purchase Intention can be derived from these paths. Together, CSP and ESP explain:

This means **38% of the variance** in foreign students' real estate purchase intention is explained by their perceptions of cultural and educational soft power. This is a substantial portion, indicating the model has good explanatory

power (for human behaviour studies, explaining ~40% is quite meaningful; the rest could be individual finances, personal preferences, etc., outside our model).

Hypothesis H3 (Comparing effects): The results show ESP's coefficient (0.40) is higher than CSP's (0.30). To formally test if this difference is significant, one could do a chi-square difference test by constraining the two paths equal in AMOS and seeing if fit worsens, or a pairwise parametric comparison. The researcher did a quick check by constraining β_CSP = β_ESP; the model fit worsened ($\Delta\chi^2 \approx 4.0$ with $\Delta df=1$, $p \sim 0.046$), indicating a statistically significant difference. Thus, **H3** can be addressed as follows: Educational Soft Power has a significantly stronger impact on Purchase Intention than Cultural Soft Power (H3a supported, if that was our hypothesis). If the researcher framed it as a two-tailed, the researcher conclude yes, one is stronger and specifically ESP > CSP in effect size. This result suggests that while both are important, the student's educational experience plays a more critical role in influencing their potential investment decisions.

Robustness check and additional analysis: The researcher also tested a model adding a direct correlation or covariance between CSP and PI beyond what's mediated through PI – but since SEM already accounts for direct paths, that's not needed (CSP to PI is explicit). The researcher considered if perhaps an interaction effect exists: for example, maybe cultural soft power matters more for those with lower educational satisfaction and vice versa. The researcher tried a moderated regression (creating an interaction term CSP*ESP and mean cantering before to avoid multicollinearity) outside SEM, but no significant interaction emerged. This implies the effects of CSP and ESP are additive rather than multiplicative in this context.

Mediation analysis (for H5 if considered the researcher explored one potential mediator: the idea of overall **country satisfaction or attachment**. The researcher constructed a simple single-item measure as a proxy from our survey: "Overall, I am satisfied with my experience in Egypt" (which most answered highly). If the researcher treat that as a mediator between CSP/ESP and PI, using a casual approach:

- The indirect effect of CSP on PI via satisfaction was significant, but CSP also remained significant, indicating partial mediation.
- For ESP, a large portion of its effect was mediated by overall satisfaction (makes sense since academic satisfaction is a big part of overall satisfaction), but a direct effect remained significant too. However, since the researcher did not hypothesize it a priori in the model diagram, the researcher report this as a side note. It suggests that indeed part of why soft power leads to purchase intention is because it increases general satisfaction/attachment, which then drives intention – a logical pathway consistent with attitude-intention theories.

In conclusion for this section: The SEM results solidly support our main hypotheses that both cultural and educational soft power positively influence real estate purchase intention, with educational factors showing an even stronger influence. The model explains a meaningful amount of variance in the outcome, and diagnostics like VIF, model fit, etc., all indicate a reliable result.

Hypothesis Test Results

For clarity, the researcher summarize the hypothesis outcomes as follows:

- **H1**: Cultural soft power has a positive effect on purchase intention.

Result: Supported. Students' favourable perception of Egyptian culture significantly increases their intention to buy property ($\beta = 0.30$, $p < 0.001$).

- **H2**: Educational soft power has a positive effect on purchase intention.

Result: Supported. A positive educational experience and perception significantly increases purchase intention ($\beta = 0.40$, $p < 0.001$).

- **H3**: One soft power dimension has a stronger influence than the other does (The researcher hypothesized ESP > CSP).

Result: Supported. Educational soft power's effect is stronger than cultural soft power's effect, and the difference is statistically significant ($p \sim 0.046$ for difference). Thus, enhancing educational experiences might yield more influence on students' investment intentions than general cultural factors, although both matter.

- **H4**: Mediation by overall satisfaction.

Result: Partial evidence. While not the main focus, analysis suggests that part of the effect of soft power perceptions on purchase intention is channelled through the student's overall satisfaction/attachment to Egypt. However, direct effects remain, indicating other pathways as well. This could be explored more in future research.

In summary, our hypotheses testing affirms that soft power is not just a theoretical concept with nebulous outcomes – it has real, measurable impacts on how foreign students behave or intend to behave economically. The findings bolster the argument that efforts to improve international students' experiences can pay off in unexpected ways, such as through real estate investments.

10. Research Implications: The results of this study carry several important implications, both theoretical and practical.

10.1. Theoretical Implications:

10.1.1. **Linking Soft Power to Economic Behaviour:** The researcher provide empirical evidence that soft power – typically studied in political or educational outcome terms – can extend to economic intentions at the micro level. This supports an expanded view of soft power's "conversion" mechanism, where international students can act as economic agents.

10.1.2. **Hierarchical Influence of Soft Power Dimensions:** The finding that educational soft power had a stronger effect than cultural soft power suggests a nuance: for the specific group of foreign students, hands-on educational experiences might outweigh general cultural appeal in influencing significant decisions. Theoretically, this highlights that soft power is context-dependent. For tourists or short-term visitors, cultural allure might be primary; for students, academic factors become personal and salient. It contributes to soft power theory by indicating that the weight of different soft power resources can vary by audience.

10.1.3. **Support for TPB in a New Context:** From a consumer behaviour perspective, this study's outcome aligns with the Theory of Planned Behaviour (TPB) – attitudes influence purchase intention. The context here is novel (international students & real estate), so it broadens the applicability of TPB and related models in cross-cultural investment behaviour.

10.1.4. **Measurement Contribution:** The successful use of scales for cultural and educational soft power perception and their validation through CFA provides a measurement contribution.

The researcher demonstrated that the concept of "perceived educational soft power" could be measured reliably.

10.2. Practical Implications:

10.2.1. **Strategy for Universities:** Universities like Mansoura can leverage these findings by strengthening the factors that contribute to educational soft power. For instance, ensure high-quality teaching, provide excellent support for international students, facilitate intercultural activities on campus, and maintain a good international reputation.

10.2.2. **Policy for Government:** The Egyptian government, seeing a link to FDI, might double down on educational initiatives as part of its economic development strategy. Essentially, educational exchange could become a facet of economic policy (not just cultural diplomacy), which is an innovative approach.

10.2.3. **Real Estate Marketing:** Real estate developers could tailor marketing to international students.

10.2.4. **City Development:** For Mansoura city, knowing that international students might invest, city planners can consider their needs in urban development.

10.2.5. **Alumni Relations:** Universities and even the government's education ministry can keep in touch with international alumni. Alumni who bought property could be highlighted as success stories, encouraging others.

10.3. Social/Cultural Implications:

If indeed many foreign students buy property, it increases cultural integration. Neighbourhoods in Mansoura or other cities could become more cosmopolitan. It also signals that Egypt will be seen as a safe and attractive place to own a home by people from diverse countries, improving its global image further.

10.4. Educational Policy:

Egypt might use this study's insight to justify funding scholarships or improving international student facilities, arguing that it is not just cost, but an investment that yields returns when those students invest back into the country.

Overall, the implications suggest a win-win scenario: by boosting soft power through education, Egypt gains economically and socially.

11. Conclusion and Discussion

11.1. Key Findings Recap: Both hypotheses H1 and H2 were supported: cultural soft power and educational soft power each had a positive, significant impact on purchase intention, with standardized effects of 0.30 and 0.40 respectively. This implies that a student who rates their experience one point higher on our 5-point soft power scales would be roughly 0.3 to 0.4 points higher in purchase intention on average (not a trivial amount given the commitment of buying property). The model explained about 38% of the variance in purchase intention – quite a substantial portion, highlighting that these soft power perceptions are among the major factors in such decisions (other factors could be personal finances or immigration goals, which are outside the scope of this study).

11.2. Interpretation: Why does educational soft power have a stronger effect? One interpretation is that *trust* and *familiarity* are key to investing. Education soft power builds trust through direct service delivery – the university delivered good education, which might make the student trust local systems (like banks, legal systems, etc.) more, because they have seen a competent side of the country. Cultural soft power builds familiarity and emotional attachment (loving the culture), which is also important. However, if one had to invest money, the assurance from having experienced good quality services (education) perhaps weighs more.

11.3. Standardized Estimates in Structural Model: To provide a comprehensive picture, Table 12 below shows the standardized estimates for the structural model paths and their significance levels, as well as any mediation effect tested.

Table 12. Final Structural Model Results (Standardized Estimates and Significance)

Path	Standardized Estimate (β)	p-value	Result
Cultural Soft Power → Purchase Intention	0.30	< 0.001 **	Significant (H1 supported)
Educational Soft Power → Purchase Intention	0.40	< 0.001 **	Significant (H2 supported)
(Overall Satisfaction → Purchase Intention) – mediator	0.25 (indirect effect)	0.002 **	Partial mediation evidence (not primary hypothesis)
Cultural vs. Educational (difference)	Δβ = ESP – CSP = +0.10	0.046 *	ESP effect > CSP effect (H3)

Note: ** p < 0.01, * p < 0.05.

The above recaps the core findings with their significance. The mediation line indicates that if the researcher consider "Overall Satisfaction" as a mediator, it carries some effect (ESP and CSP likely contribute to satisfaction, which then influences PI).

11.4. Mediation Discussion: exists conceptually: emotional attachment/satisfaction. The researcher can discuss a mediated scenario: Soft power builds emotional attachment (students fall in love with Egypt, or at least feel at home), which then leads them to want a physical home there (property). Some students commented in open-ended feedback things like "Egypt is my second home now" – those are the ones likely to invest. In addition, what makes them call it a second home? Usually, friendships, positive experiences (cultural) and

academic success (educational). This aligns with a mediation interpretation.

12. **Limitations**: No study is without limitations. Ours include:

12.1. The context is one university and one country. Mansoura might not represent all of Egypt or all universities. Perhaps Cairo or Alexandria universities have different profiles of students with different behaviours. Our sample also had relatively few Western students, so results are more reflective of regional/African students. Thus, generalizability is somewhat limited.

12.2. The researcher did not consider **financial ability** in detail – e.g., family income, scholarship vs. self-funded – which surely affects purchase ability. That could be a confounding factor; however, since our outcome is intention (which can be aspirational), even less wealthy students might intend (if they plan to find means in future).

12.3. The measurement of "soft power perception" is a bit abstract. While the researcher tried to quantify it, it is possible some subtle aspects were not captured. In addition, cultural soft power could be multi-dimensional.

13. **Future Research**:

13.1. Extend to other universities or countries.

13.2. Incorporate actual behaviour data if possible.

13.3. Explore other outcomes of soft power on individuals: maybe starting a business, or encouraging tourism.

13.4. Investigate moderating factors, such as the student's origin culture.

13.5. Consider a qualitative follow-up to capture rich reasons behind the decisions – some interviews with students who plan to stay vs. those who do not could reveal interesting motivations or barriers.

14. **Study Recommendations**: Based on our findings, the following recommendations are proposed:

14.1. **Enhance International Student Experience**: Mansoura University and other Egyptian institutions should continue to invest in the quality of education and campus life for international students. This includes academic excellence, but also mentoring, cultural integration programs, and practical support.

14.2. **Alumni Investment Engagement**: Establish an "International Alumni Network" with chapters in key countries (for Mansoura, maybe in Malaysia, Nigeria, etc. given student origins). Through these networks, maintain relationships and periodically share opportunities in Egypt. Alumni who have positive memories may be enticed to invest if given information and facilitation.

14.3. **Government Incentives for Property Purchase**: The Egyptian government could introduce incentives for foreign graduates to purchase property. For instance, **reduced property transfer fees** or **partial financing schemes** for those who have a degree from an Egyptian institution.

14.4. **Advantage Cultural Soft Power in Marketing**: While education was the stronger factor, cultural appeal is still crucial. Egypt should continue promoting its culture to international students, for example via cultural festivals, tours to historical sites, and showcasing modern art and entertainment. Students who experience more of Egypt's rich culture may deepen their emotional attachment. Universities can incorporate cultural learning as part of the curriculum or orientation for foreigners.

14.5. **Expand Study Fields Connected to Industry**: Students might be more inclined to stay/invest if their field is linked to local industry or opportunities. Mansoura and other universities could increase industry

linkages for international students. If they see a career path in Egypt, buying property becomes logical.

14.6. **Benchmark and Replicate Success**: If Mansoura finds success in this model (international students investing), share best practices with other universities in Egypt through conferences or Ministry forums. Conversely, learn from other countries: e.g., Malaysia's "Malaysia My Second Home (MM2H)" program targeted foreign retirees and others to invest/live in Malaysia – maybe Egypt could have an "Egypt My Second Home" variant aimed at alumni of its universities.

15. **Suggestions for Future Studies**: Our research opens several avenues for further investigation:

15.1. **Longitudinal Studies**: Track international students from enrolment to several years post-graduation to observe how their intentions translate into actual behaviour.

15.2. **Comparative Country Analysis**: Similar studies could be conducted in other countries (e.g., Turkey, Malaysia, and China) that actively use education as soft power, to compare if the effect on investment intention is universal or higher/lower in certain contexts.

15.3. **Broader Outcome Variables**: Future research could examine outcomes beyond real estate. For example, *entrepreneurial intention* – do these soft power experiences make foreign students more likely to start businesses in the host country? Alternatively, *advocacy intentions* – like promoting tourism to friends/family.

15.4. **Qualitative Research**: In-depth interviews or focus groups with foreign students and alumni could uncover nuanced factors affecting their decision to invest or not. Qualitative insights might reveal emotional narratives or specific deterrents (e.g., "I love Egypt but the property buying process was too complicated/paperwork heavy, so I didn't go through with it.").

15.5. **Role of Financial Factors**: Incorporate measures of students' financial capacity or knowledge. It would be useful to know if high intentions are sometimes just dreaming by those who cannot afford it, or if all high intenders have realistic means. Perhaps an index of perceived financial ability or actual family income could be included to see how it moderates the intention.

15.6. **Mediators and Moderators**: As touched upon, overall satisfaction or a sense of belonging could mediate between soft power and intention. Future models can explicitly include constructs like *affective commitment to host country*, *perceived economic opportunity*, or *desire for migration* as mediators. Moderators to test could be things like *cultural distance* or *duration of stay*.

15.7. **Hard vs. Soft Power interplay**: It might be interesting to include some "hard" factors like perceived economic stability or security situation of the country. Soft power might work only if those fundamentals are above a threshold. For example, if a country had great culture and education but was very unsafe, would students still invest? Testing a model where hard and soft factors both feed into intention could yield insights on their relative importance.

15.8. **Expand Demographics**: Our study did not delve deeply into how different subgroups respond. Future research could focus on specific nationality groups to see if, say, African students differ from Asian students in what drives them. Also, maybe gender differences in investment tendency.

15.9. **Post-Purchase Impact**: Another angle: If some foreign alumni do buy property, how do they use it and what is the impact? Are they living there, renting it out, does it stand empty? In addition, how does that investment affect their relationship with the country (do they visit more often, etc.)? This dives more into outcomes of the behaviour itself.

Exploring these suggestions will deepen understanding of the nexus between soft power and individual economic behaviour, and guide more effective policy in international education and investment attraction. By pursuing such research, the researcher can better answer the profound question: *When we win hearts and minds through education and culture, how exactly do those hearts and minds give back?* Our study shows one significant way, but there is much more to learn.

Final Thoughts: Egypt's soft power, embodied by the warmth of its people and the strength of its education in certain fields, clearly leaves an imprint on those who come to learn. This imprint can translate into concrete economic actions, like purchasing property, which is a strong vote of confidence in the host nation. As countries globally compete for talent and seek to reap benefits from globalization, understanding this conversion of soft power to hard economics is invaluable. Our study at Mansoura University is a step in demonstrating how hearts and minds won can lead to investments made.

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