|  |
| --- |
| **Mission#6: Paragon International University Registration System Use Case** |
| **Group#12: Leapheng Khy, Juden Ung, Sakvipubp Suy, Sihak Vityea Sam** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name:** Registration | | **ID:** UC-2 | **Priority:** High |
| **Actor:** Student | | | |
| **Description:** The student need to provide the background information required and select a major to apply for a university | | | |
| **Trigger:** Student finished high school and need to apply for a university after consideration to registered  **Type:** External | | | |
| **Preconditions:**   * Students must have a high school diploma or equivalent certificate * Students must have an ID or passport * 4x6 Photo * The school website/registration system must be online | | | |
| **Normal Course:**  1.0. Student started the registration  2. The system requires student’s personal background information to be entered  3. The system needs student’s academic year, semester, and department that students want to apply  4. English language proficiency test  5. The system requires student’s additional background education or awards  6. Health declaration  7. The system requires student’s guardian’s information  8. Emergency contact  9. A survey on how did students know the school  10. Application declaration | | **Information for Steps:**  Name, University ID, Parent’s name, phone, email, …etc  Academic year, semester, and department  IELTS/TOEFL/Equivalent certificate, test’s score, and test’s date  Any awards or certificates or medals from any events or activities  Information about any disabilities or any diseases that require special treatment    Guardian information including name, phone number,…etc  Students give emergency contact phone number  Students tell the system how student know the school  Students agree that all the information provided is true | |
| **Alternative courses:**  1.1 Student fill in all the necessary information but doesn’t have/has expired IELTS/TOEFL  1. Student take Paragon English Language Proficiency test | | Students make an appointment to take the test on campus | |
| **Postconditions:**  1. Student information is stored in the system and notify the student which department and the date they have registered in.  2. Students need to provide the original copy of high school diploma, passport/ID, 4x6 photos, and IELTS/TOEFL/Equivalent test to the Office of Registrar at the campus  3. Students need to pay 10$ for the English test added to the payment. | | | |
| **Exceptions:**  1. The student doesn't have a high school diploma equivalent or equivalent certificate.  2. The student filled in invalid information.  3. The department does not exist anymore.  4. The website is down | | | |
| **Summary**  **Inputs Source Outputs Destination** | | | |
| 1. Student personal information 2. Academic year, semester, department 3. English proficiency score 4. Additional educational background 5. About student’s health 6. Guardian’s information 7. Emergency contact. 8. How the student knows the school. | 1. Student 2. Form registration database | 1. Student information gets stored in the database, for administrators to view.  2. Numbers of students increased by 1 per registration and display the registration summary from students input to student  3. Information about the courses students need to take will be sent to them through their input email | 1. Office of Registrar of paragon university  2. database for storing student registration |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name:** Search and browse Paragon International University Website | | **ID:** UC-1 | **Priority:** High |
| **Actor:** Student | | | |
| **Description:** The student is looking for information about each department and sign up for additional information with their emails. | | | |
| **Trigger:** Students needs to know more about the university and choose his/her major  **Type:** External | | | |
| **Preconditions:**   * The school website system must be online * Student might need an email to sign up in case student wish to know more latest details. | | | |
| **Normal Course:**  1.0. Student entered the website  2. Website display the content  3. Students can view each category  3.1 Undergraduate section  3.1.1 About each major  3.2 Postgraduate section  3.2.1 Information about each postgraduate program  3.3 International section  4. Tuition fee  5. Scholarship  6.Sign up for additional information and update | | **Information for Steps:**    Display register requirements, tuition fees, and scholarships  Display more information about each category such as undergraduate majors, postgraduate and international  Display undergraduates’ majors such as Banking and finance, business, computer science, civil engineering…etc with embedded document inside for students to view/download.  Display the information about that major and sample curriculum with embedded brochure for student to view/download.  Display information about available postgraduate studies such as Master of Arts, Master of business, Master of Science    Display program objective, available mode of study, and sample curriculum    Display admission procedure and admission requirement as well as when to apply    Display tuition fee for each major and cost of living in Phnom Penh    Display information about available scholarships as well as partnership scholarship  Student input their email address into the system to allow the system to send them additional latest information that they want to know | |
| **Alternative courses:**  1.1 Students view the website to look for the address and contact detail of the university to make contact/plan to visit there  1.2 Students can make contact with the university  /travel to the destination to get information regarding each major and other important details. | | Display the information of address and contact details of the university that students want to look for. | |
| **Postconditions:**   1. Students receive the email about the general latest update and additional information about the courses, tuition fees, and scholarships …etc. 2. Student read all the information related to the information they received and display for them. | | | |
| **Exceptions:**  1. The website is not working | | | |
| **Summary**  **Inputs Source Outputs Destination** | | | |
| 1.Search/select criteria  2. Course, scholarship data display  3.student input email for update information from the university | 1. School website and website administrator  2. database for scholarship  3.database for tuition fee  4.database for undergraduate  5.database for postgraduate  6.database for international program  7. database for subscription form | 1. Information about each major for undergraduate, postgraduate 2. Information about applying procedure for international student 3. Information about the tuition fee 4. Information about the available scholarship 5. Output students input email to the administrator for latest information update about university 6. Student receive and view information from university through their emails | 1. School website & website administrator  2. database for student subscription list |

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name:** Payment- | | **ID:** UC-3 | **Priority:** High |
| **Actor:** Student | | | |
| **Description:** The student need to pay for the registration and proceed to confirm their registration by doing the payment process | | | |
| **Trigger:** Student finished the registration and prepare to proceed to do the payment  **Type:** External | | | |
| **Preconditions:**   * Students must have a stable finance * Students must have a bank account and balance in their bank account * The school website/payment system must be online | | | |
| **Normal Course:**   1. Student started the payment   2. The system display the form of payment to the student from the registration information  3. System require student to input the information request by the payment form  4.System output the successful payment to the student and the copy of the payment will be sent to the office of finance and the student email | | **Information for Steps:**    Display the information from the student registration form and display the cost of the department, fee for the semester or year, administrative fees, require student input their payment method through credit, bank, or cash at office of finance of paragon University, and confirm the payment.      Student input their payment method by selecting credit card or through bank. If they select credit card payment, they have to input their credit number and proceed the payment. If they select bank payment, they will display the student university generate ID for the student to let the bank pay the university base on the student generate ID and confirm the payment on the form.  display the payment successful transaction with the registration information and payment ID with the user payment method encrypted credit card number or bank account to the students. | |
| **Alternative courses:**  1.1 Student select the cash payment method and it will display the payment ID to present to the office of finance to proceed the payment at the office with correct amount of cash on hand.  1.2. the office displays the information of the registration and payment fees to the student again to confirm  1.3. the office ready to accept student payment if confirmed | | Display the registration information, payment fees, to the student for confirmation.  Student pay the fee with cash on hand. | |
| **Postconditions:**  1. Student registration info will be saved permanently inside the registration database.  2. Student and office of finance will receive the copy of the payment from the student  3. Student will get news from the university regarding their schedule and course in their email. | | | |
| **Exceptions:**  1. Student cannot pay fully or won’t pay for the right amount of fees; the system will remove the student from the registration database if student cannot pay past the deadline.  2. Students cancel their registration; the system will remove the student from the registration database.  3. The website is down | | | |
| **Summary**  **Inputs Source Outputs Destination** | | | |
| 1. student select the payment type  2. student input credit card number  3. Student select bank payment and receive generate university ID and pay the fee by inputting ID in the paragon university  4. students select the cash payment method  5. Student confirm their payment by agreeing to the payment method they make | 1. Student  2. database for the payment form | 1. summary of payment display to students and save to Database For storing student payment list | 1. Office of finance of Paragon international university  2. Database for storing student payment list |