EATERN MEDITERRANEAN UNIVERSITY

INFORMATION TECHNOLOGY DEPARTMENT

SYSTEM ANALYSIS AND DESIGN

ITEC 315

EMU REGISTRATION SYSTEM

Summer semester term project

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1.Introduction

Students at Eastern Mediterranean University can apply and register for classes through a new student registration system. Students can navigate the new portal to add or drop courses while they wait to hear back from an adviser or instructor. They can also see which courses are available and check the status of their transcripts, which will allow them to make financial payments for tuition or fees directly through the portal. The new system is designed to help students and advisers more easily communicate. Students can send messages directly to their advisers, who will be able to view them through the portal.

1.1.Scope

The system will require the student to enter personal data in order to link it to the university database. . The system will be used for all students who are registered at the university. This includes new and returning students. The system provides a step-by-step process for completing admissions procedures. The system will allow students to register for courses and pay fees online. The system will allow students to view their schedule, add/drop courses and view grades at any time during the semester. The system can help students to find their required courses easily, which makes the process much easier. The system allows students to view a list of courses offered by the university and select their desired courses. The system will display the list of courses available to students and the corresponding schedule for each course Advisors must approve courses in order to complete course registration for students The system will allow students to

register for courses and pay fees online. The system will allow advisors to approve students' course registrations, which can be done online. Once the advisor approves the registration, students are able to register for their classes online. The system is designed in such a way that it provides all the required information regarding courses, fees, schedule, textbooks and guidelines for admission through a single platform.

1.2. Objectives

The objective of this EMU registration system is to enrol students and assign them to their advisors. The system should be able to collect enough data that can be used in developing the system with the help of data collection techniques. This will ensure that funding is available for academic services and facilities improvement activities, which will also enhance the student's experience and facilitate the transition from high school to university. Moreover, as an open system, it will make it easier for students to find their courses and schedule information online, thus providing them with a seamless environment that would help them access academic schedules through the portal whenever it is needed. By enrolling more students, EMU will have enough budget for infrastructure improvements; this way EMU can provide for greater student safety and comfort as well as have sufficient resources to hire more faculty staff who can assist students with coursework needs anywhere around the globe (e.g., by email or over portal).

1.3.Benefits

Student registration system in EMU is an important factor that facilitates the accessibility, variety and quality of academic services. This system helps in increasing the number of students and also increases the annual profit by promoting competition among them. Some services are available as well as discounts are given to students who have the registration process completed. This technique aids in creation of a diversified atmosphere for all of the students that reside there. In addition to this, other facilities like medical care, health insurance, academic programs and so on are also provided to students who have been enrolled to EMU. Accommodation is one of the most essential concerns for students; they have the advantage of living on campus.

1.4.Outcomes

After the implementation of the EMU registration system, the university will create a more efficient and time-saving process for all students to complete their registration. The university will use its students' data that can be used to deliver a better education environment and provide more postgraduate education resources in northern Cyprus. The university will be able to monitor the progress of its students and identify any issues at an early stage. This will help them to improve their overall performance and increase their quality of education. The university can also use the system to collect data from graduates, which will help them to

understand their marketability and how successful they are after graduating. The university will be able to use this information for marketing purposes, allowing it to attract more students and give them better education. The university will also be able to provide more customized services and support for its students. The data collected by the university can be used to develop new academic programs, improve the existing ones and create better learning environments.

2.System requirements documentation

2.1.Functionality

2.1.1.Create new account for online registration site

2.1.1.1.The system shall allow students who to create account for apply and registration purposes.

2.1.1.2.The system shall allow students to input personal information on his account.

2.1.1.3.The system shall enable student to upload documents for applying.

2.1.1.4.The system shall allow student to submit the documents for applying.

2.1.1.5.The system shall notify the student about any conflict in the applying process.

2.1.1.6.The system shall allow student to update and resolve conflict in the notified process.

2.1.1.7.The system shall allow student to confirm the completion of the current applying process.

2.1.2.Email verification

2.1.2.1.The system shall maintain student email information as a required part of student profile.

2.1.2.2.The system shall send a verifying email to the students to enable them to proceed with applying procedures.

2.1.2.3.Provide a tracking system for admission letter.

2.1.3.Login to system

2.1.3.1.The system shall allow student to enter his email and password.

2.1.3.2.The system shall allow student to enter his email and password.

2.1.3.3.The system shall notify the student about any conflict in the login process.

2.1.3.4.The system shall display main menu once login process is successful.

2.1.4.Allow student to upload e-documents

2.1.4.1.The system shall allow students to upload certain types of e-documents.

2.1.4.2.The system shall notify the student about any conflict in the uploading process.

2.1.4.3.The system shall store data.

2.1.5.Allow multiple payment methods

2.1.5.1.The system shall display available payment methods for tuition fee.

2.1.5.2.The system shall allow student to select the payment method.

2.1.6.Provide online payment method

2.1.6.1.The system shall display student information.

2.1.6.2.The system shall display a paying option (instalment or in advance).

2.1.6.3.The system shall allow student to select a paying option.

2.1.6.4.The system shall allow student to enter payment information.

2.1.6.5 The system shall confirm the payment.

2.1.6.6 The system shall notify the student with any conflict regarding the payment process.

2.1.7.Maintain student portal profile

2.1.7.1.The system shall allow student to change passwords.

2.1.7.2.The system shall allow students to update profile pictures.

2.1.8.Detailed invoice for student (online payment)

2.1.8.1.The system shall send a detailed invoice for current payment once it is confirmed via email.

2.1.9.Provide financial information on the portal

2.1.9.1.The system shall display payments amounts.

2.1.9.2.The system shall display debts.

2.1.9.3.The system shall display bank account details.

2.1.9.4.The system shall display detailed information for instalments.

2.1.10.Getting access

2.1.10.1.The system shall grant student access to course registration for students who paid tuition fees.

2.1.11.Provide comprehensive course details

2.1.11.1.The system shall display detailed information of the selected course.

2.1.11.2.The system shall provide a course timetable.

2.1.11.3.The system shall provide a course group.

2.1.11.4.The system shall display repeated courses.

2.1.11.5.The system shall display passed courses.

2.1.11.6.The system shall display course instructors.

2.1.12.Add courses

2.1.12.1.The system shall display courses list.

2.1.12.2.The system shall enable the user to selects courses.

2.1.12.3.The system shall display course details.

2.1.12.4.The system shall allow the user to add courses.

2.1.13.Delete courses

2.1.13.1.The system shall display courses list.

2.1.13.2.The system shall enable the user to selects courses.

2.1.13.3.The system shall enable the user to remove courses.

2.1.14.Update courses

2.1.14.1.The system shall display courses list.

2.1.14.2.The system shall enable the user to selects courses.

2.1.14.3.The system shall display courses timetable and groups.

2.1.14.4.The system shall allow the user to select course group.

2.1.14.5.The system shall display the updated timetable.

2.1.14.6.The system shall allow the user to update the course group.

2.1.15.Courses timetable in portal

2.1.15.1.The system shall display courses timetable for registered courses.

2.1.16.Academic record sheet and transcript

2.1.16.1.The system shall display courses grades for every registered courses.

2.1.17.2.The system shall display students information.

2.2.Usability

2.2.1.Graphical User Interface

2.2.1.1.The system shall provide a uniform interface in all the web pages.

2.2.1.2.The system shall provide use of icons and toolbars.

2.2.2.Accessibility

2.2.2.1The system shall provide multi device support.

2.2.2.2The system shall provide multi language support.

2.3.Reliability & Availability

2.3.1.Back-end Internal Computers

2.3.1.1.The system shall provide storage of all databases on redundant computers with automatic switchover.

2.3.1.2.The system shall provide for replication of databases to off-site storage locations.

2.3.1.3.The system shall provide RAID V Disk Stripping on all database storage disks.

2.4.Performance

2.4.1.The system shall be based on the web and has to be run from a web server.

2.4.2.The system shall require an initial load time based on the strength of the internet connection, which is also dependent on the media from which the system is run.

2.5.Security

2.5.1.Data Transfer

2.5.1.1.The system shall use secure transactions that include any confidential student and staff information.

2.5.1.2.The system shall automatically log out students after a period of inactivity.

2.5.1.3.The system shall confirm all payments with the student's web browser.

2.5.1.4.The system shall not leave any cookies on the student's computer containing any of the credit card confidential information.

2.5.2.Data Storage

2.5.2.1.The system shall not save the actual student’s password, instead it shall save an encrypted version of the actual password.

2.5.2.2.The system shall display only the last 4 digits of credit card number after retrieving data from the database.

2.5.2.3.The system’s back-end servers shall only be accessible to authenticated administrators.

2.5.2.4.The system’s back-end databases shall be encrypted.

2.6.Interfaces

2.6.1.The protocol used shall be HTTPS.

2.6.2.The user interface for the software shall be compatible with any browser.

2.6.3.All the hardware shall require internet connection.

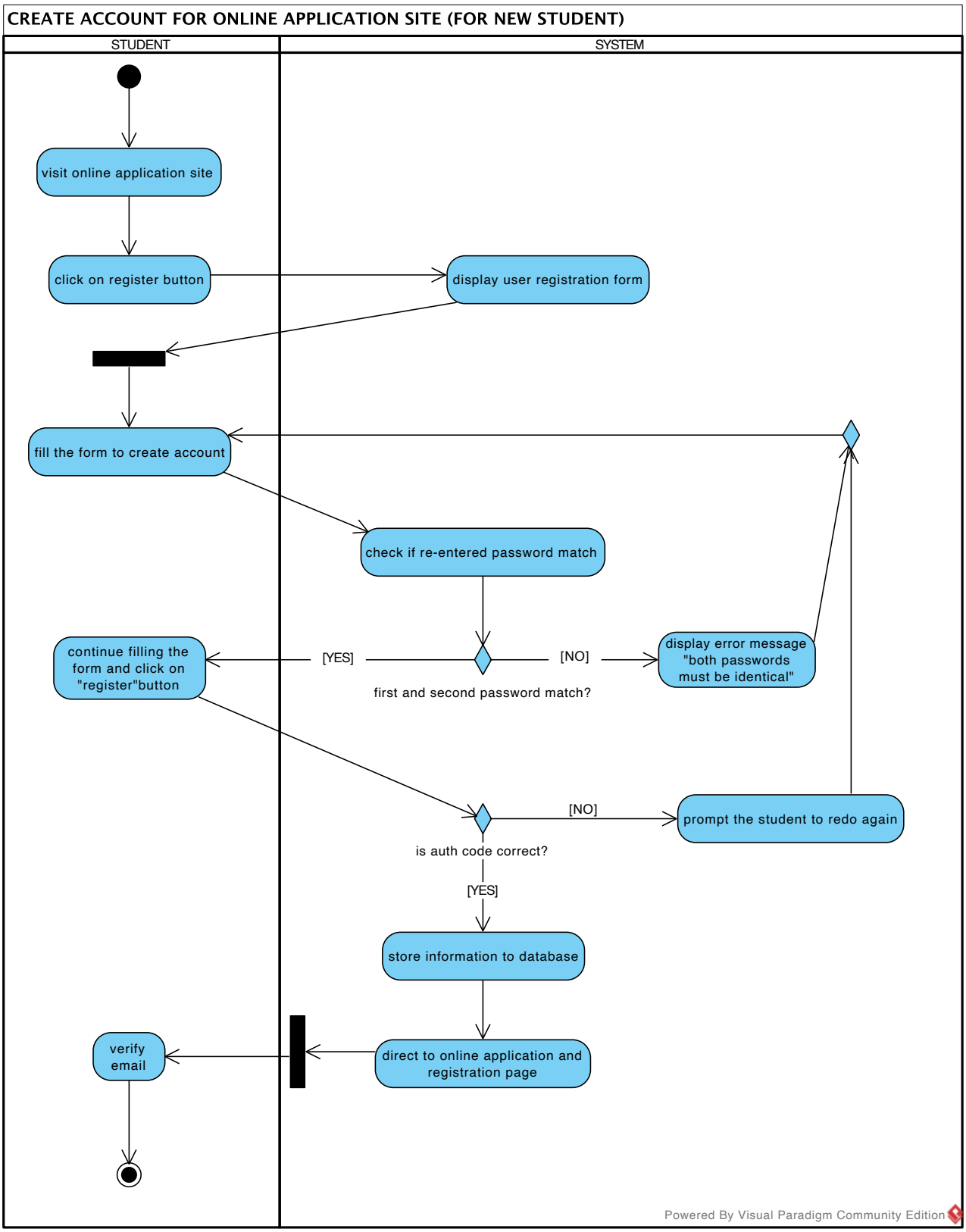
2.6.4.The system shall communicate with the administrators to identify all the available courses.

2.6.5The system shall communicate with the payment provider system to identify available payment methods, validate the payments and process payment.

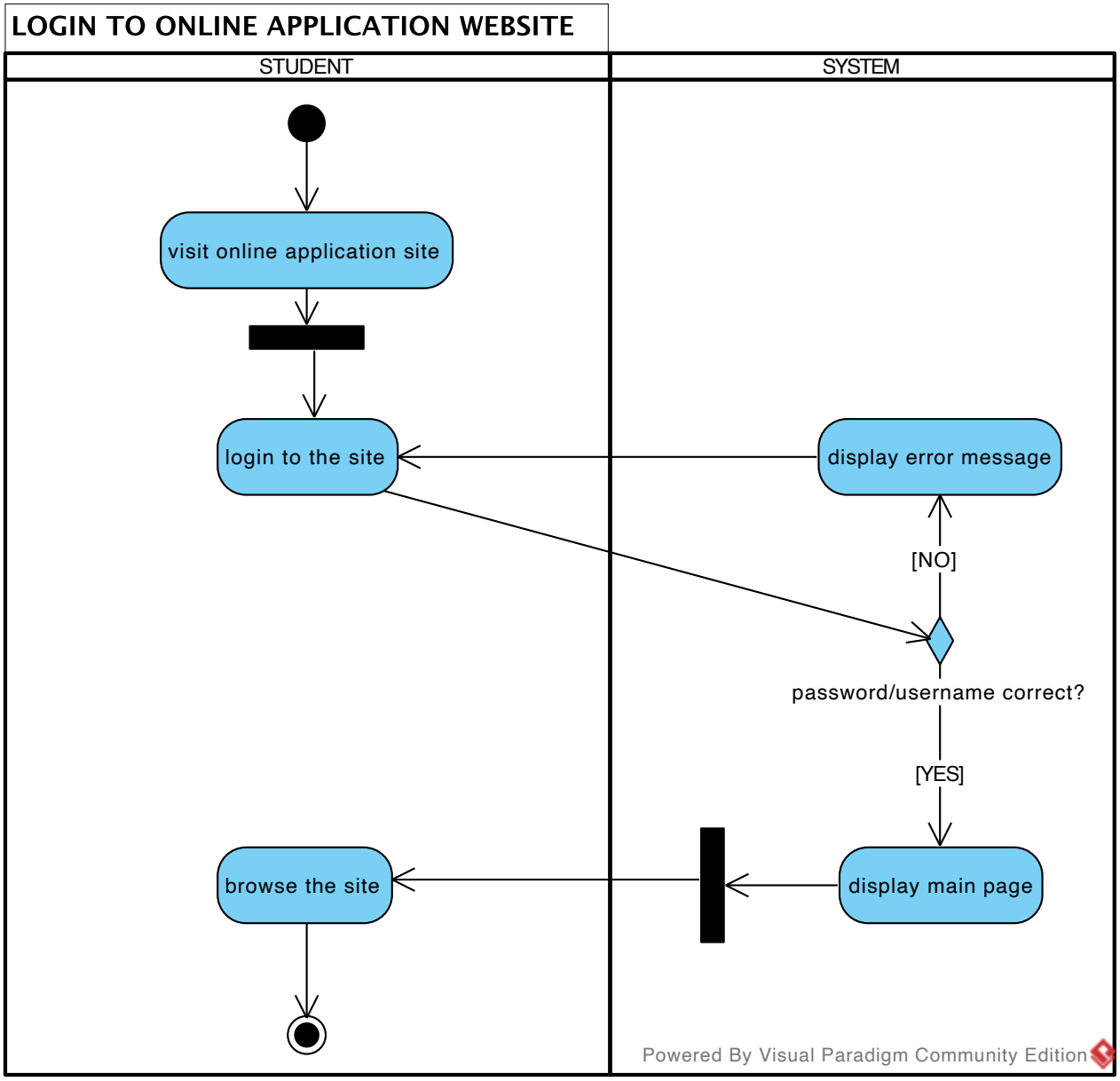
3.Phase two

3.1 Activity diagrams

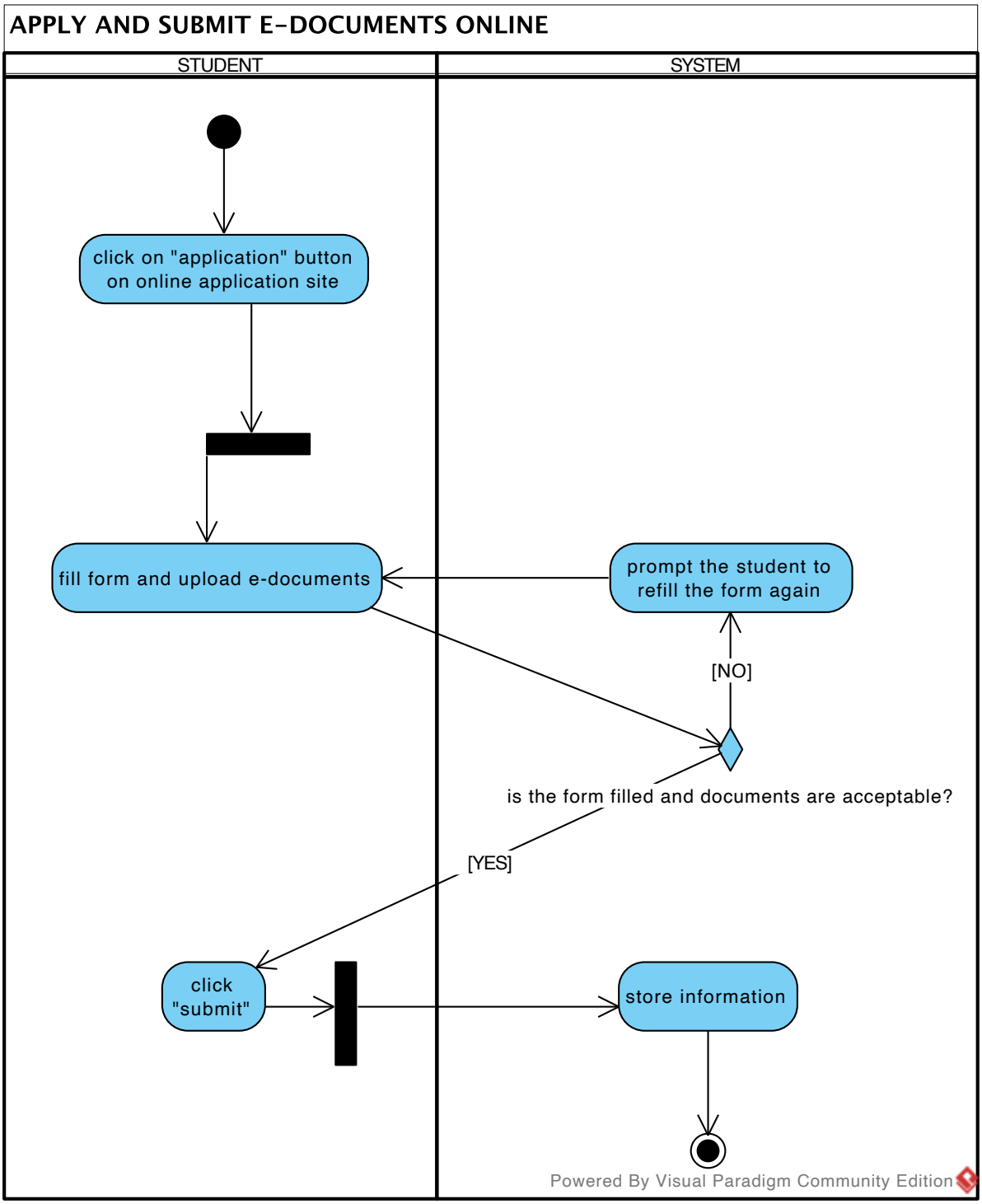
3.1.1.Create account for online application site



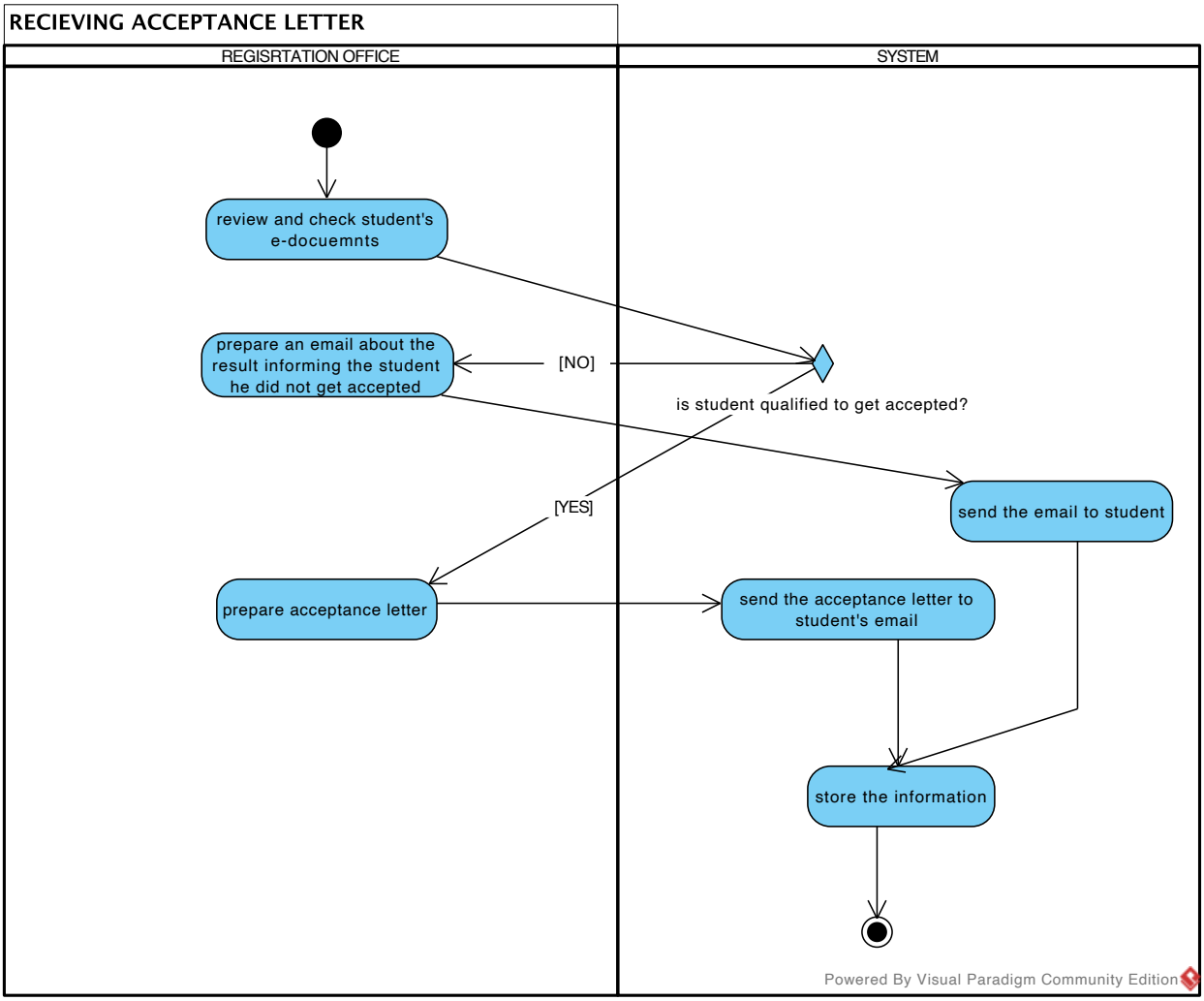
3.1.2.Login to online application website



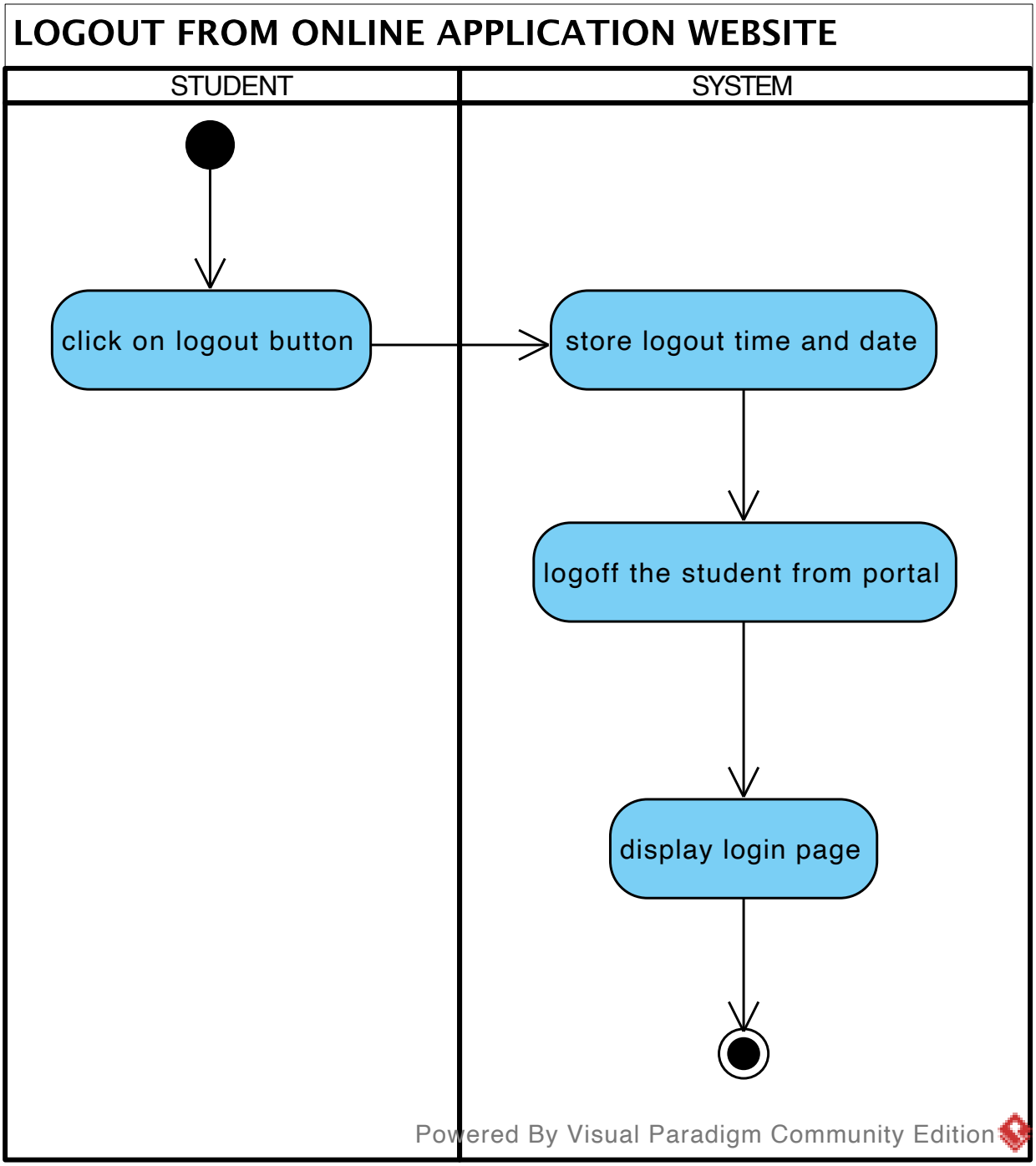
3.1.3.Apply and submit e-documents online



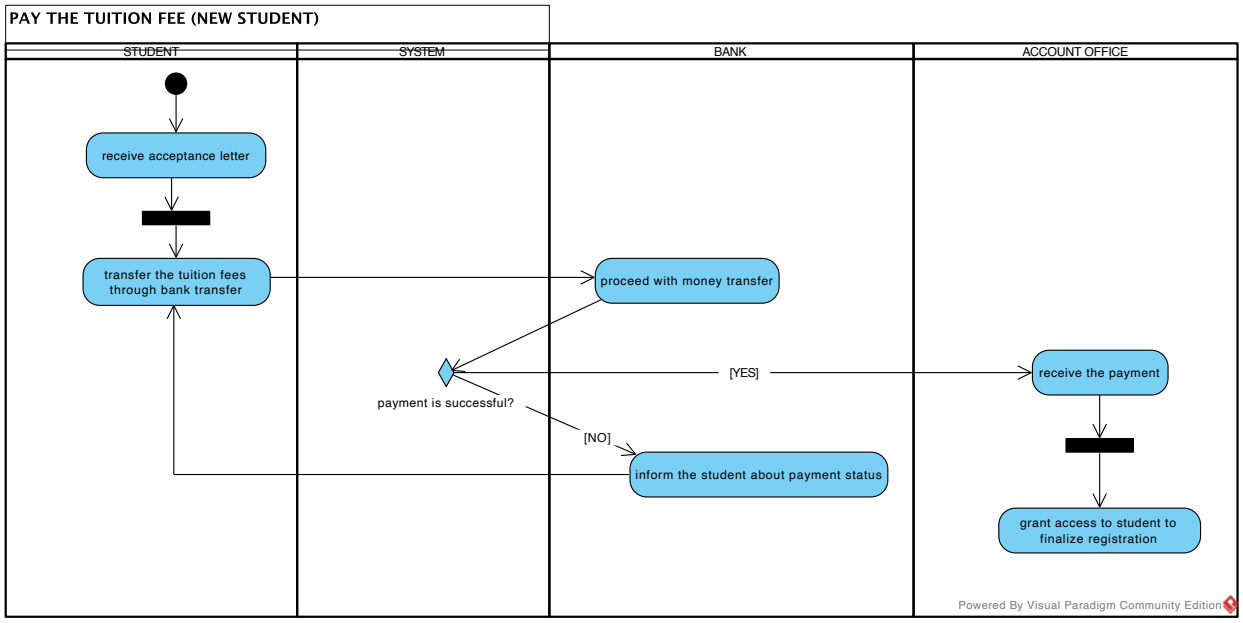
3.1.4.Receiving acceptance letter



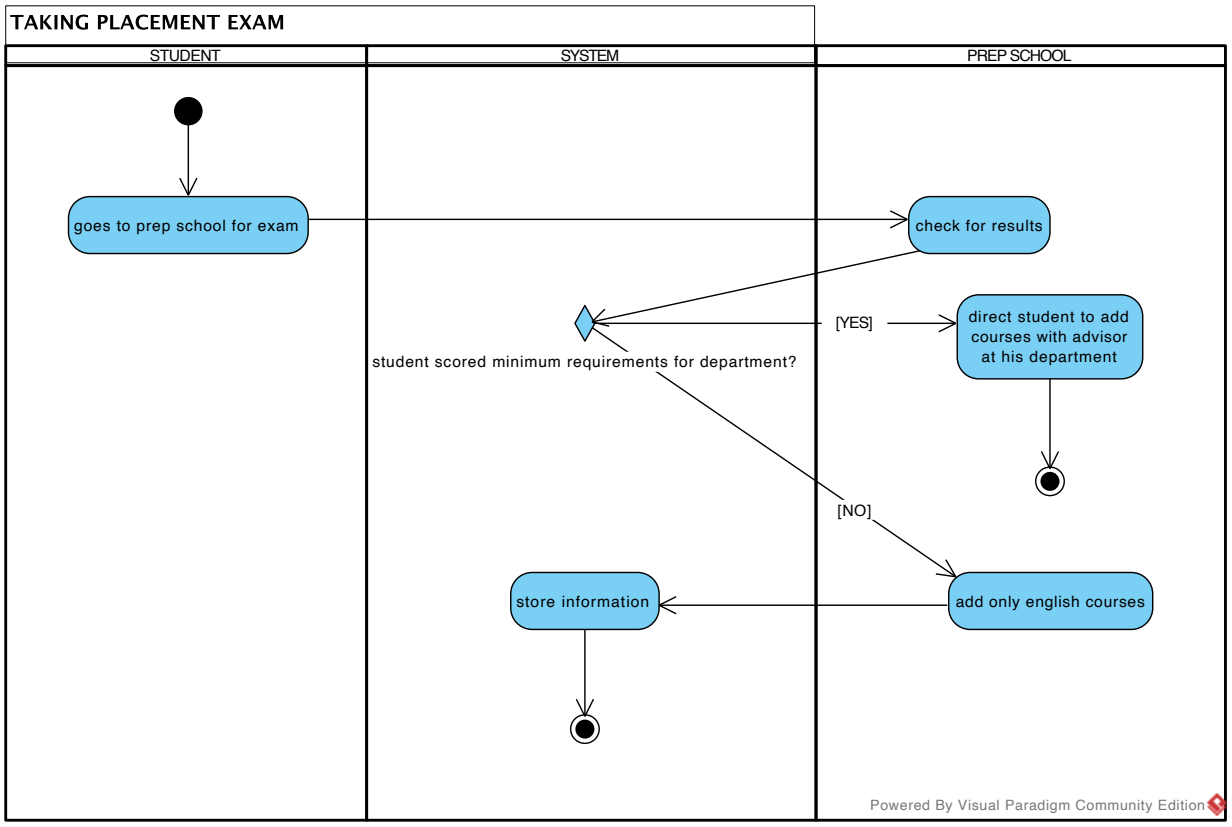
3.1.5.Logout from online application website



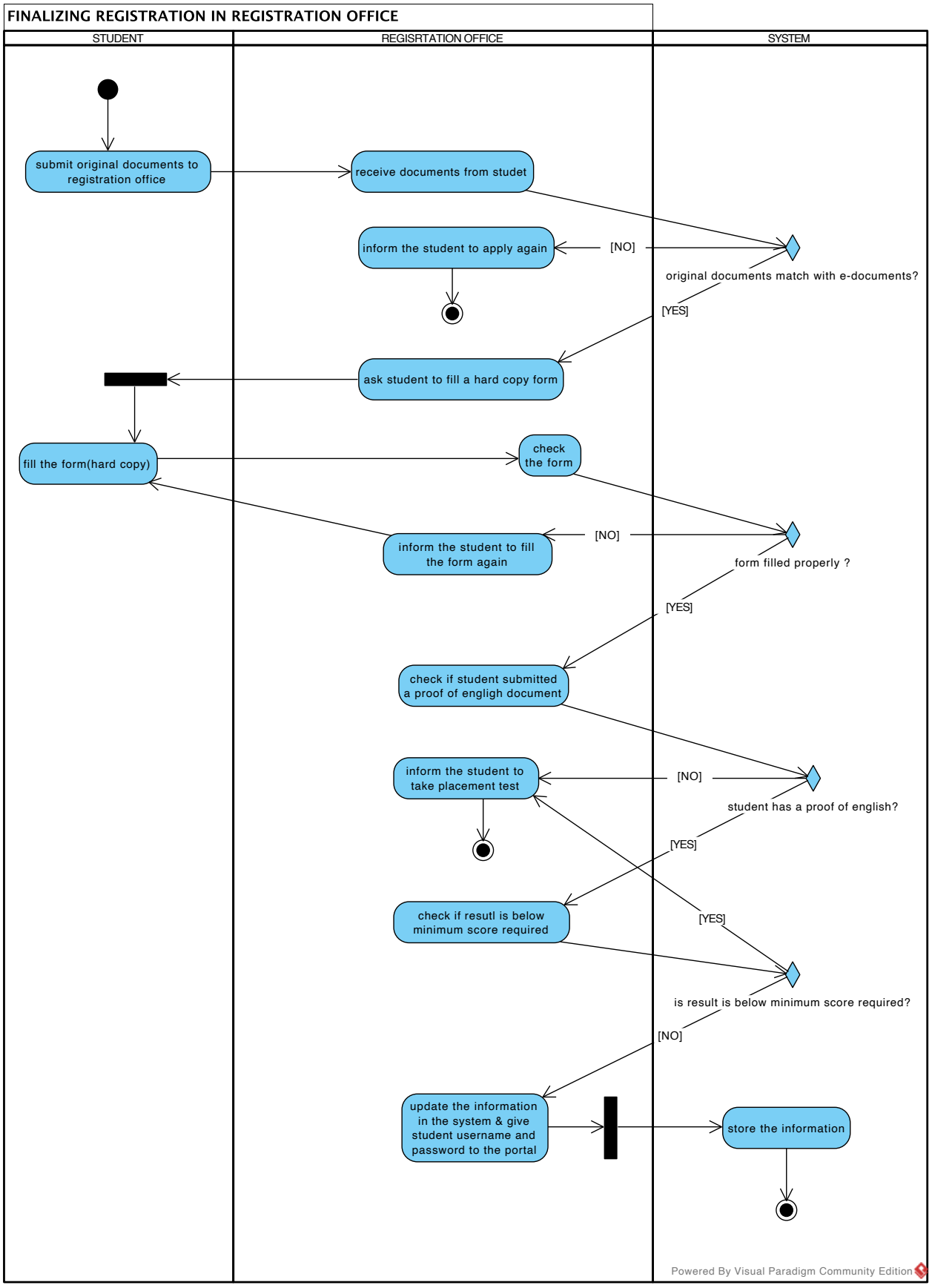
3.1.6.Pay the tuition fee (new student)



3.1.7.Taking placement exam

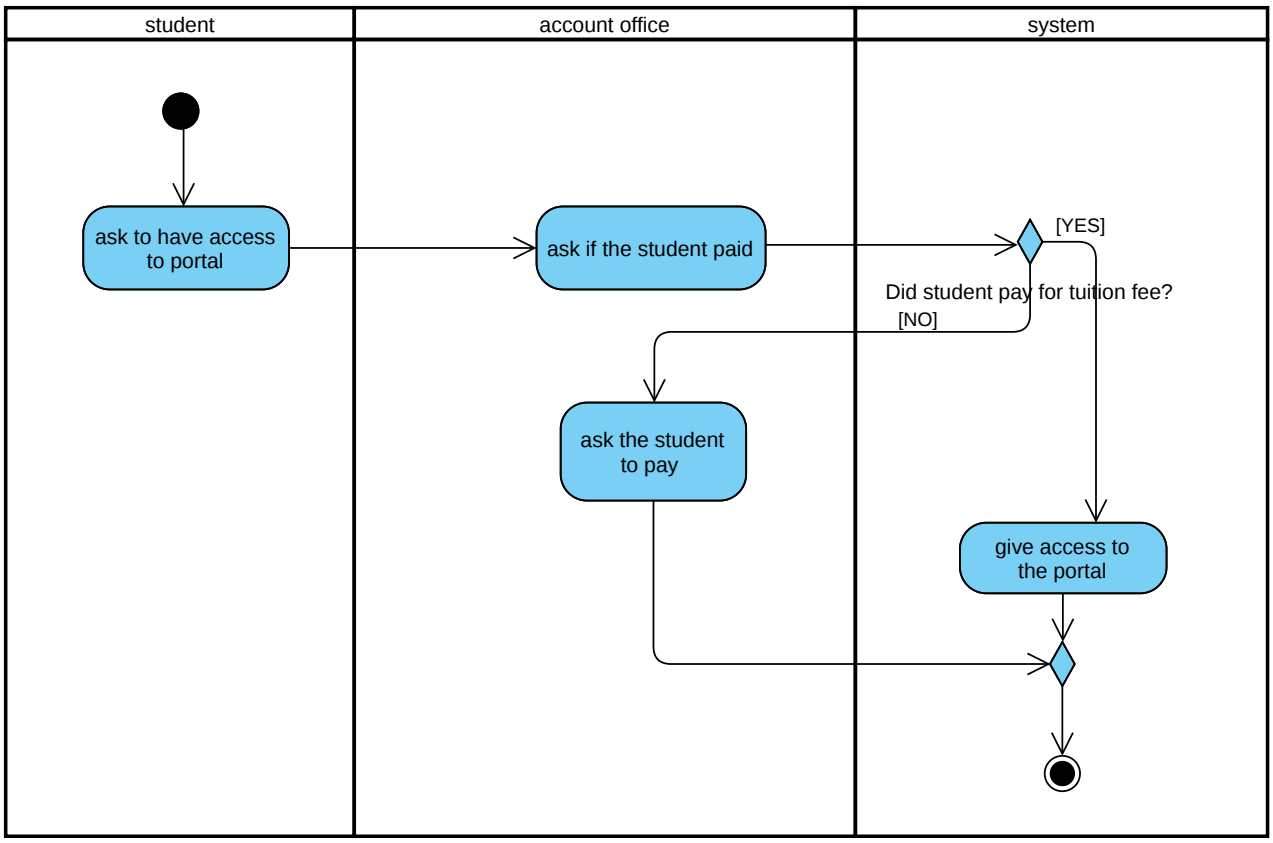


3.1.8.Fianlizing registration on registration office

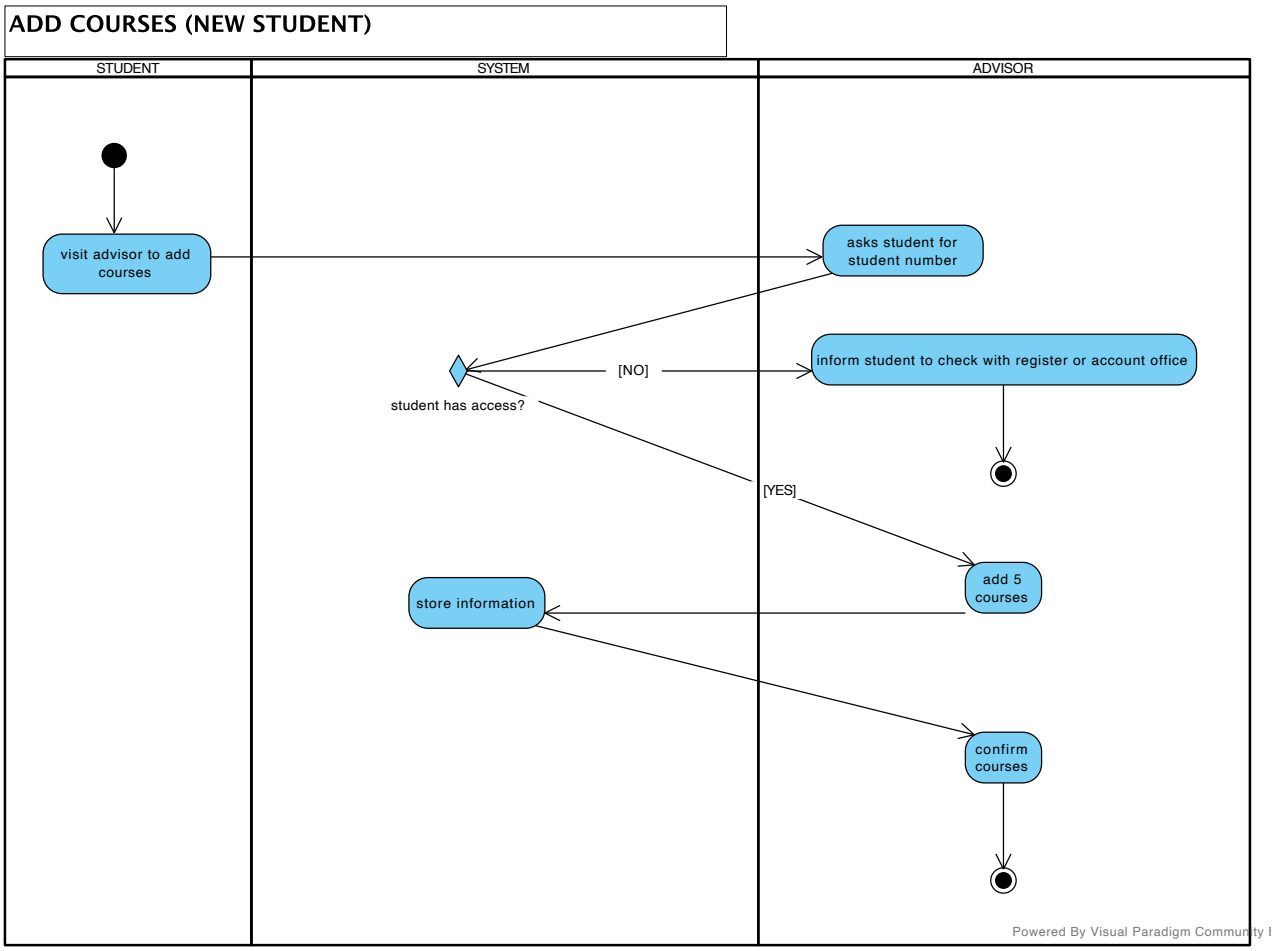


3.1.9.Getting access to portal via account office

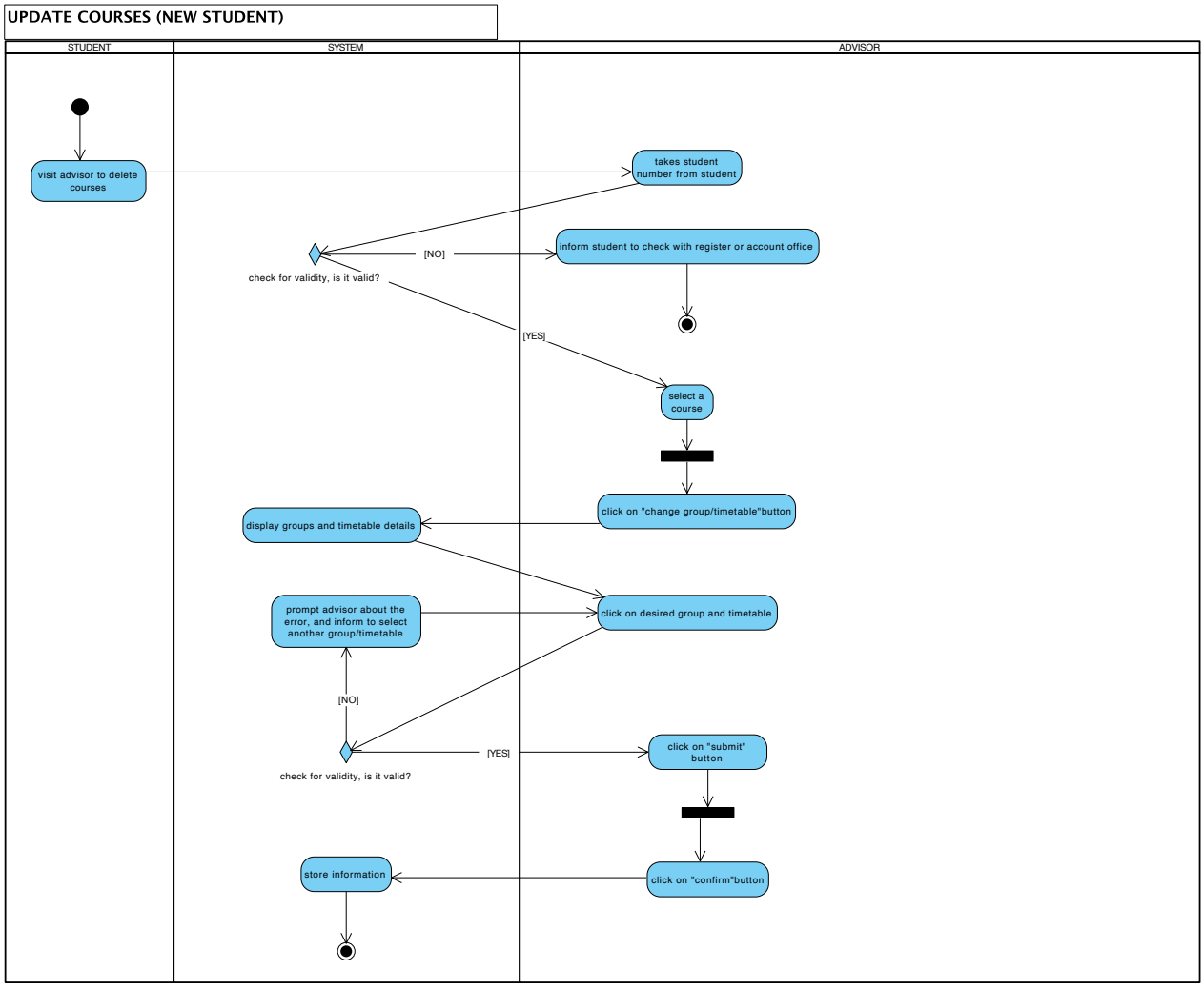
Getting access to portal via account office



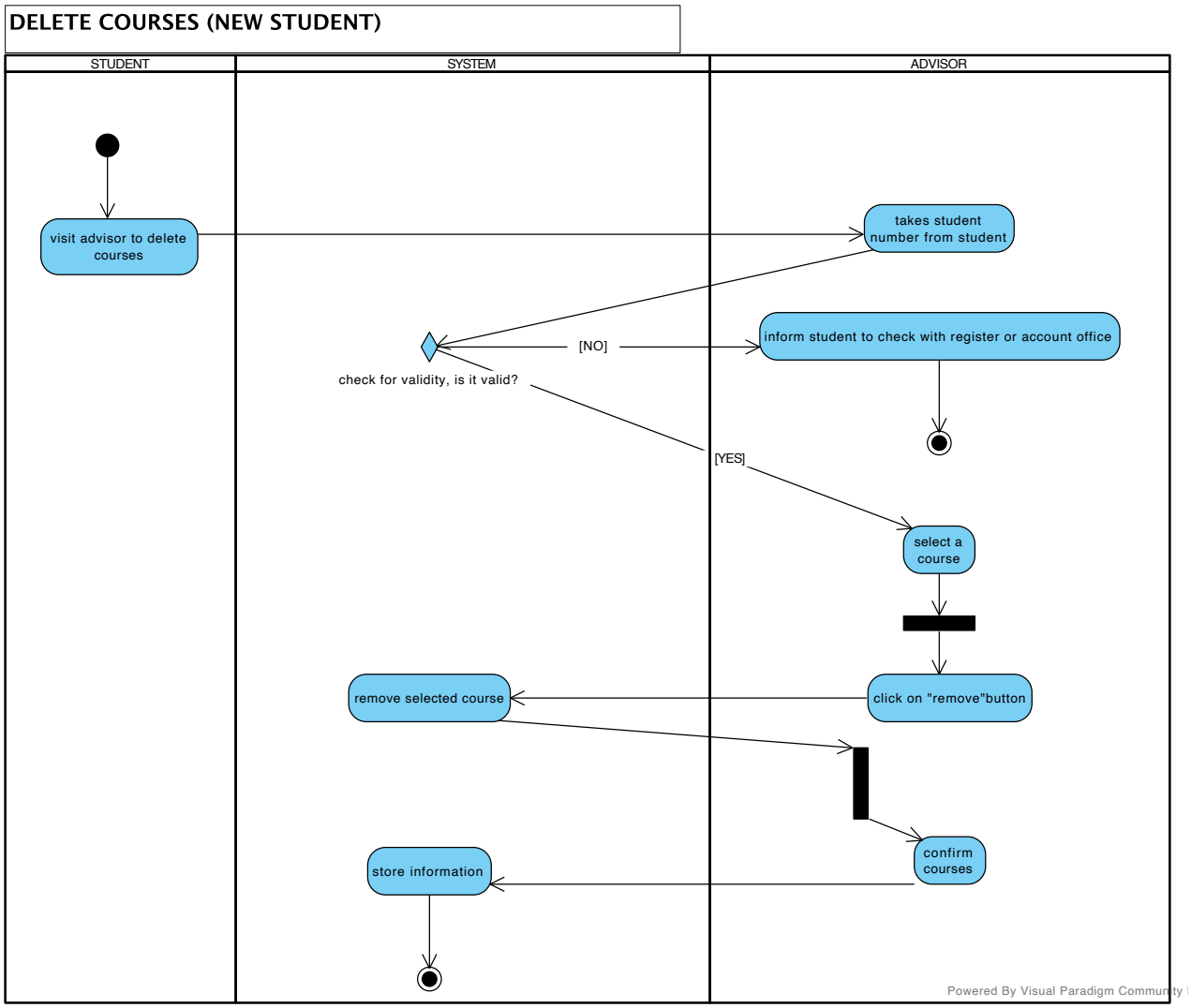
3.1.10.Add courses (new student)



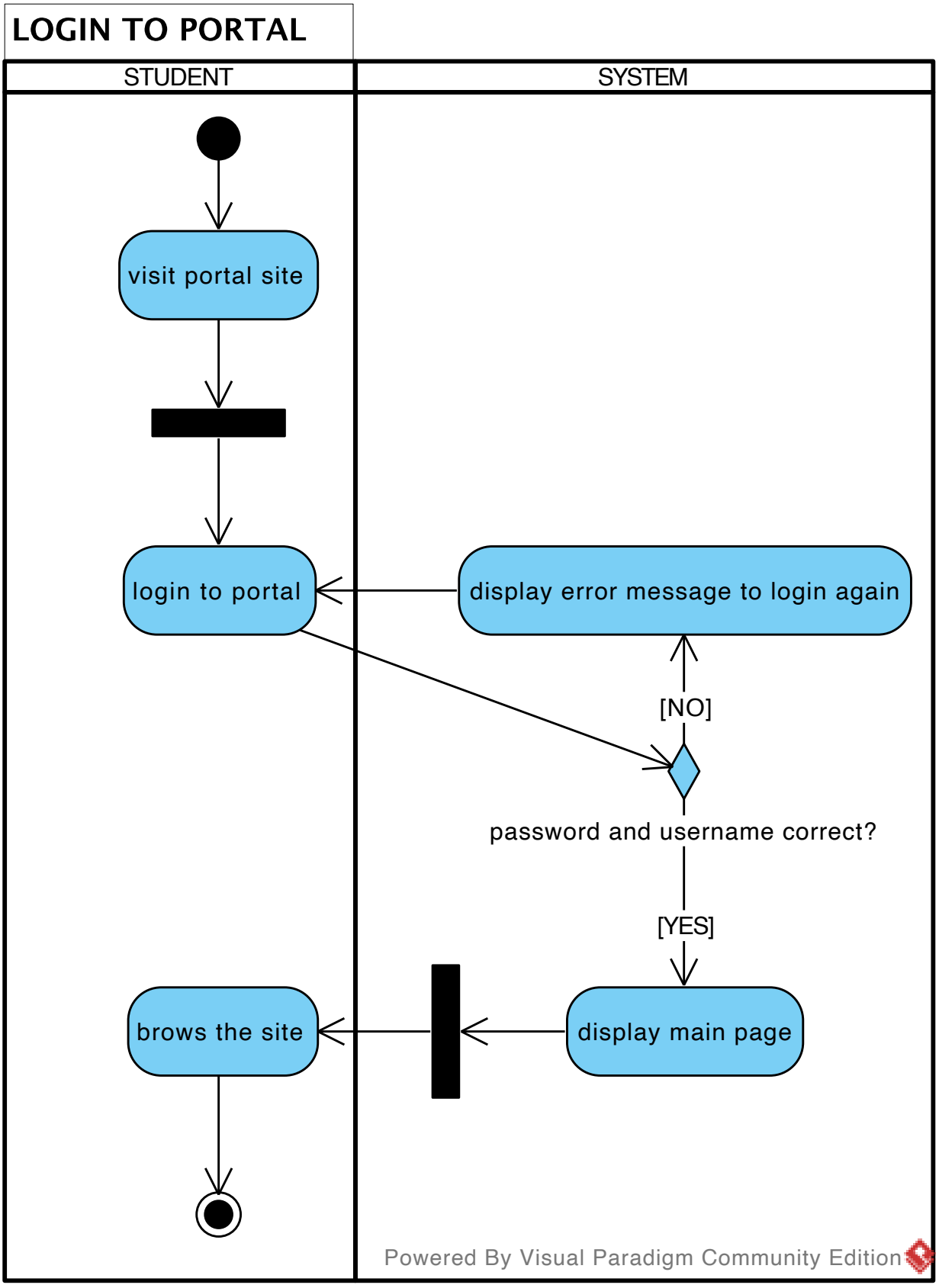
3.1.11.Update courses (new student)



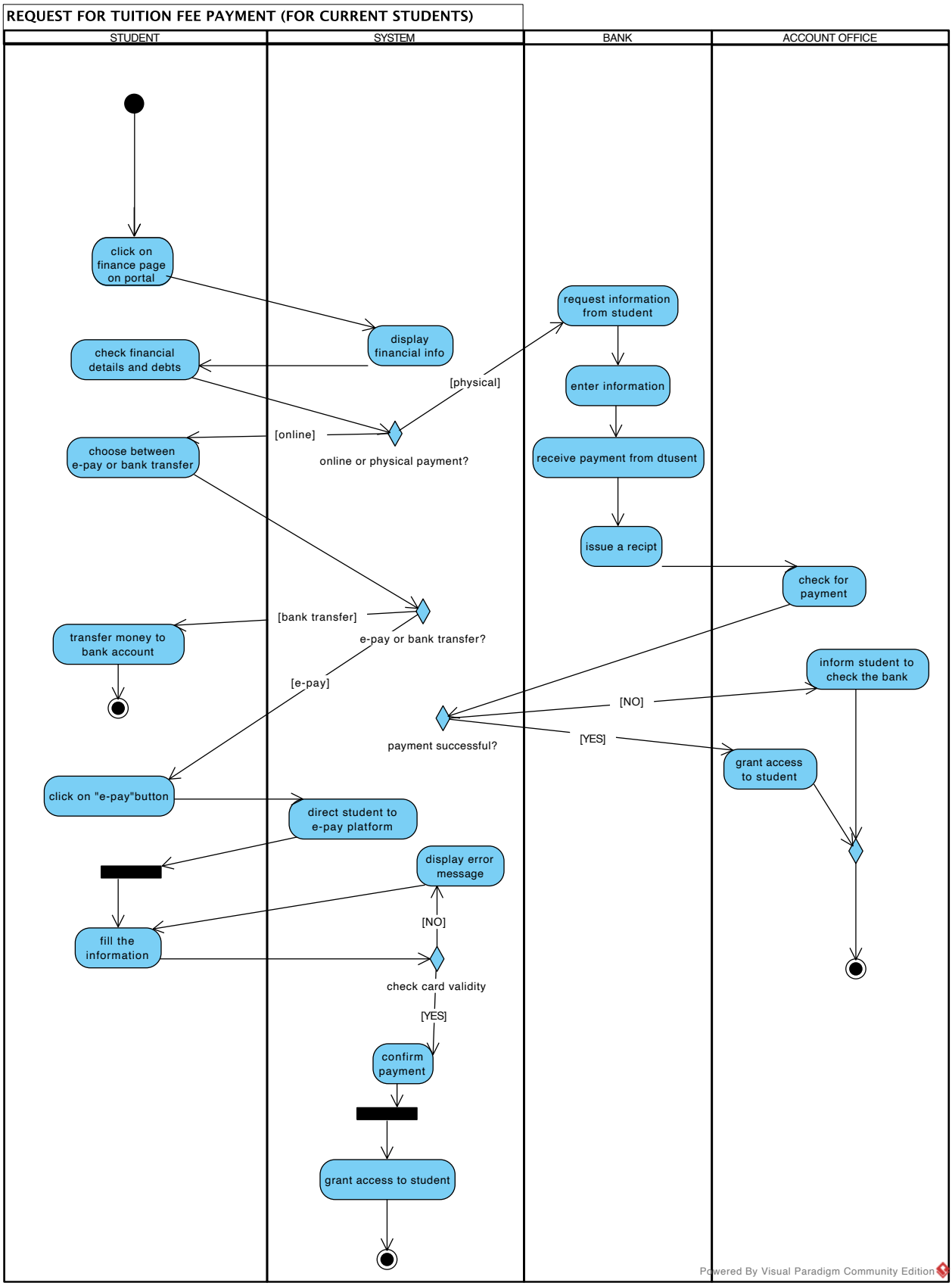
3.1.12.Delete courses (new student)



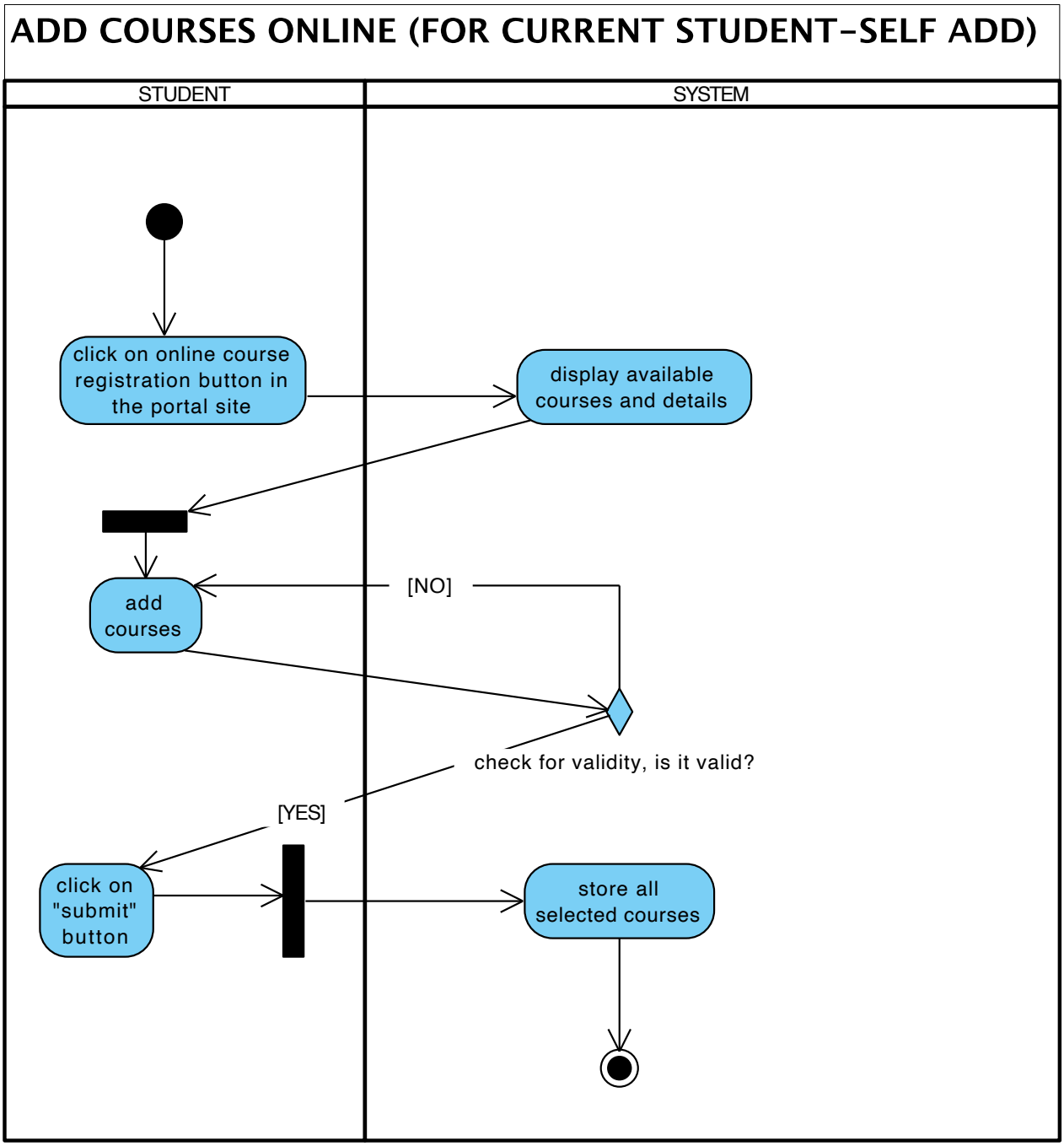
3.1.13.Login to portal



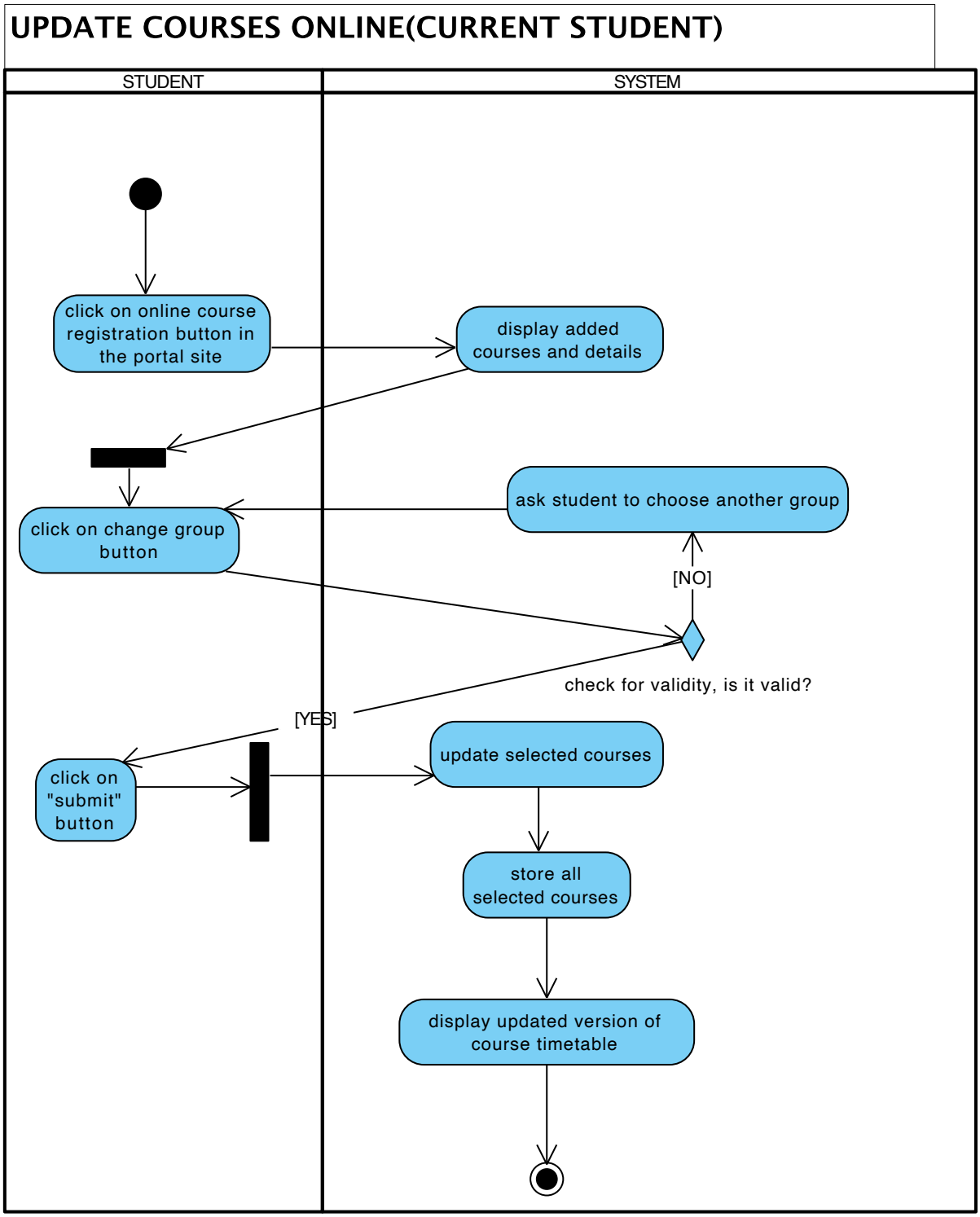
3.1.14.Request for tuition fee payment (current students)



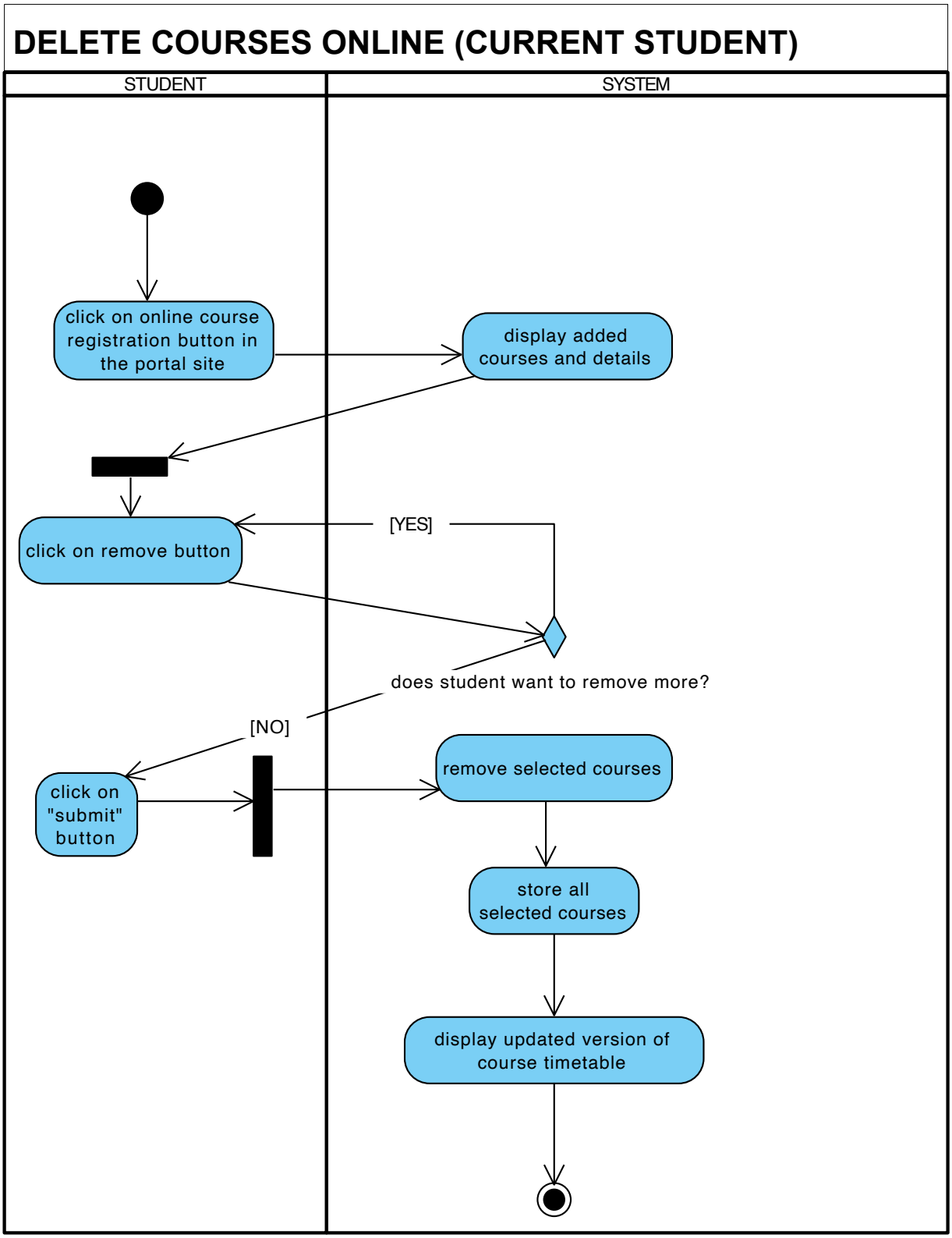
3.1.15.Add courses online



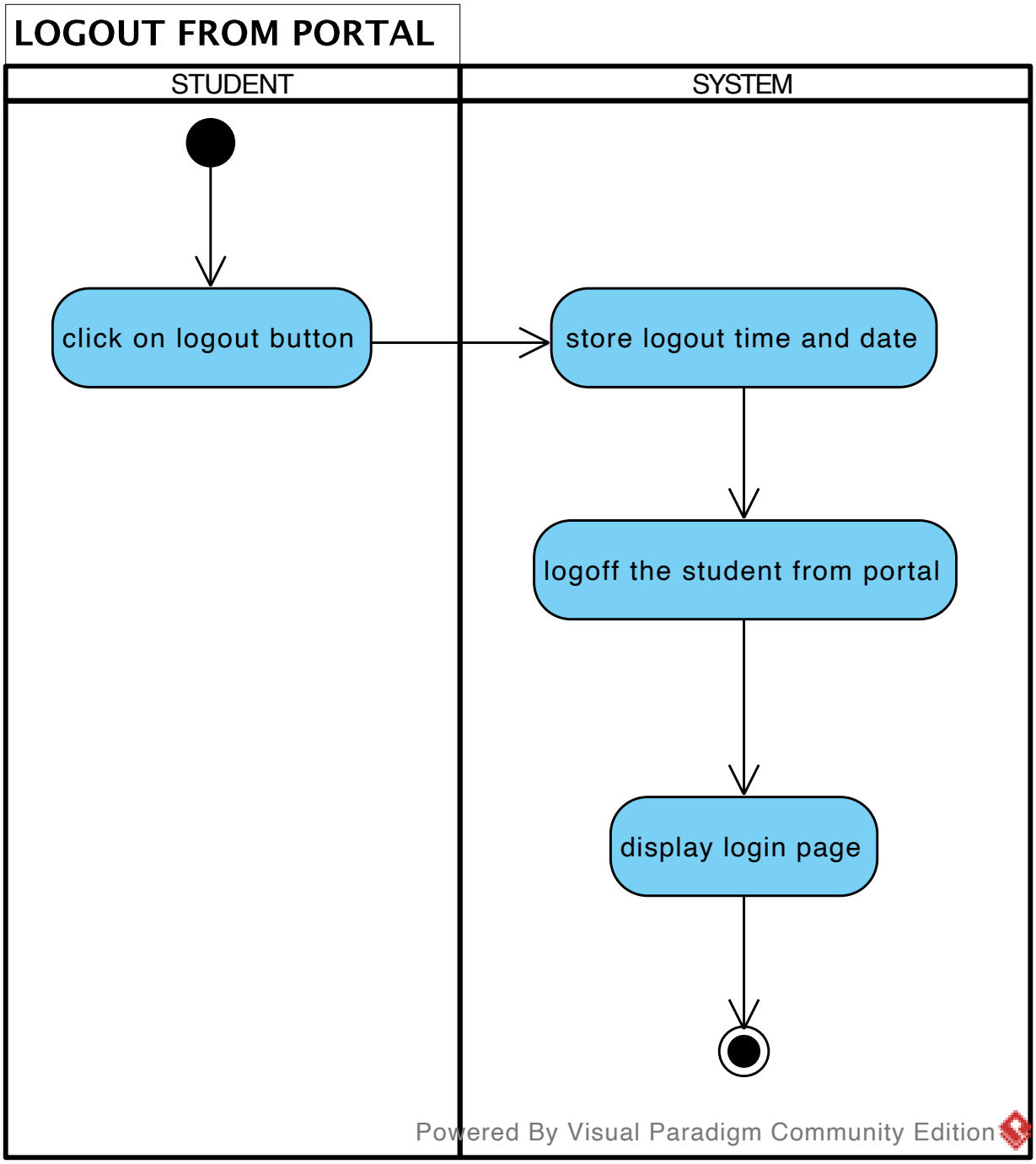
3.1.16.Update courses online



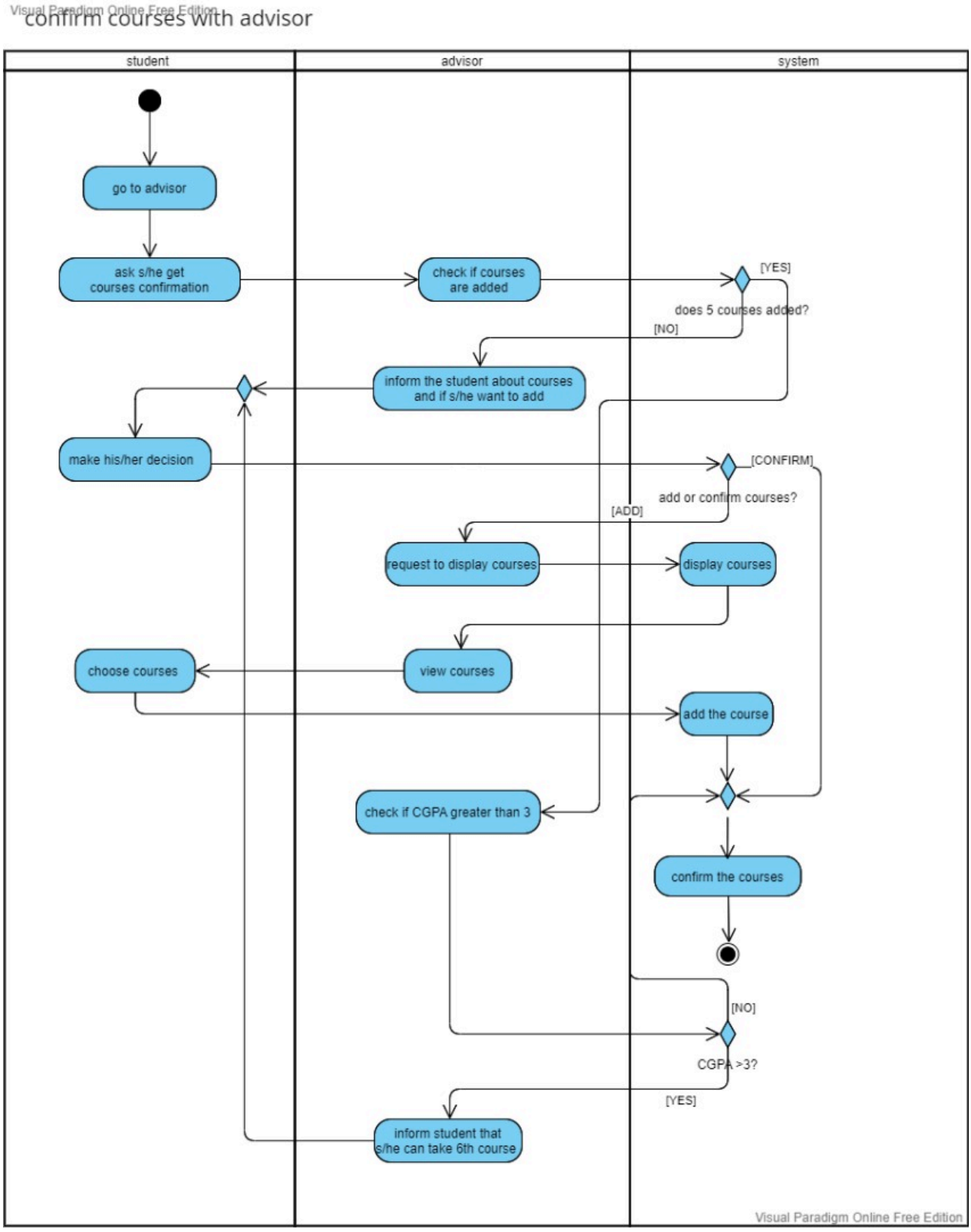
3.1.17.Delete courses online



3.1.18.Logout from portal



3.1.19.Create account for online application site



3.2.Event list and table

3.2.1.Event lists

3.2.1.1.Create account for online application site.

3.2.1.2.Login to online application website.

3.2.1.3.Apply and submit e-documents online.

3.2.1.4.Logout from online application website.

3.2.1.5.Receiving acceptance letter.

3.2.1.6.Pay for tuition fee (new student).

3.2.1.7.finalize registration in registration office.

3.2.1.8.Taking placement exam.

3.2.1.9.Add courses (new student).

3.2.1.10.Update courses (new student).

3.2.1.11.Delete courses (new student).

3.2.1.12.Getting access to portal via account office.

3.2.1.13.Login to portal.

3.2.1.14.Logout from portal.

3.2.1.15.Request for tuition fee payment.

3.2.1.16.Update courses online.

3.2.1.17.Delete courses online.

3.2.1.18.Add courses online.

3.2.1.19.Confirm courses with advisor.

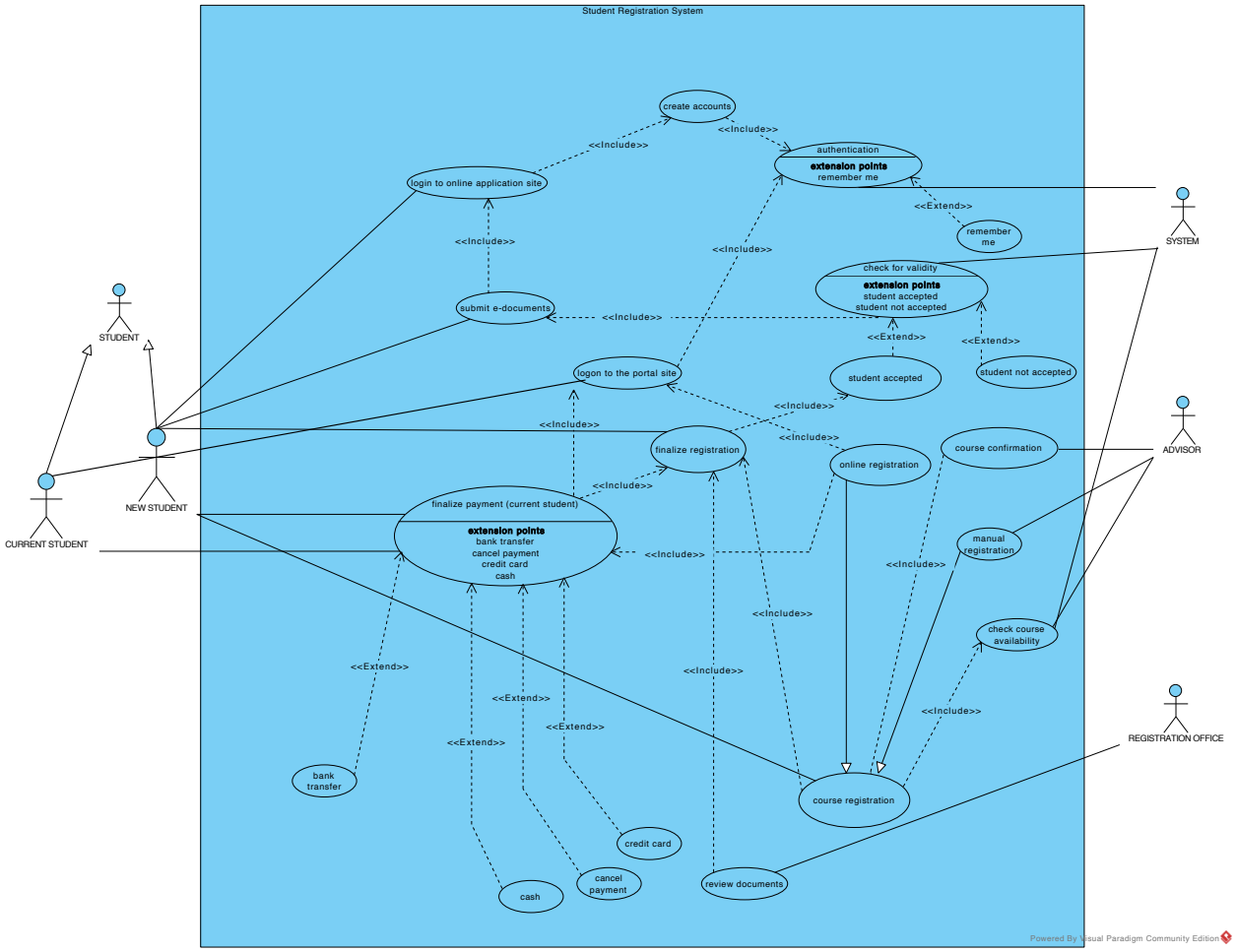
3.2.1.Event table

STUDENT REGISTRATION SYSTEM EVENT TABLE

#	Event	Trigger	Source	Use case*	Response	Destination
1	New student wants to create new account for online application site	Create account	New student	Create accounts	Displays user registration form	New student
2	New student wants to login to online application website	Login	New student	Login to online application site	Valid / Invalid userame and password notification and display main page	New student
3	New student wants to apply and submit e-documents online	Upload and submit e-documents	New student	submit e-documents	Displays form to fill and submit e-documents	Registration office/system
4	New student wants to logout from online application website	Logout	New student	Logoff from online application site	Display login page	New student
5	Receiving acceptance letter	Application status	Registration office/ system	Check for validity	Send the acceptance letter to student's email	Student
6	Students wants to pay the tuition fee	Tuition fees payment	New student/ Current student	Finalize payment	Grant access to student	New student/ current student/ bank/ account office
7	Getting access to portal via account office	Receive tuition fees	Account office	Portal access	Grant access to student	Account office
8	New student wants to finalise registration in registration office	Register new student officially	New student/ system	Finalize registration	Compare original documents with e-documents & give student username and password of the portal	Registration office/ system/new student
9	Registation office wants to finalise registration	Register students	Registration office/ system	Review documents	Grant access to student and give portal access	Registration office
10	Taking placement exam	Proof of English language	New student	Placement exam	Add English courses and study in prep school	Prep school/ new student
11	Students want to add courses (by advisor)	Add courses	Advisor	Manual registration	Advisor will add courses for student	Advisor/ system/new student/ current student

#	Event	Trigger	Source	Use case*	Response	Destination
12	Students want to delete courses (by advisor)	Delete/ remove courses	Advisor	Manual registration	Advisor will delete courses for student	Advisor/ system/new student/ current student
13	Students want to update courses (by advisor)	Change group/ timetable	Advisor	Manual registration	Advisor will update courses for student	Advisor/ system/new student/ current student
14	view courses details	View course details	Advisor/ current student	Manual registration/ online registration	Course availability details	Advisor/ current student
15	Advisor wants to check student's details	View student details and information	Advisor	Manual registration/ course confirmation	Students' details	Advisor
16	Current student wants to login to portal	Login	Current student	Login to the portal site	Valid / Invalid userame and password notification and display main page	Current student
17	Current student wants to logout from portal	Logout	Current student	Logout from portal	Display login page	Current student
18	Current student wants update courses online	Change group	Current student	Online registration	Courses will be updated	Current student/ system
19	Current student wants add courses online	Add courses	Current student	Online registration	Courses will be added	Current student/ system
20	Current student wants delete courses online	Remove courses	Current student	Online registration	Courses will be removed	Current student/ system
21	Advisor wants to confirm courses	Confirm courses	Advisor	Course confirmation	Confirm chosen courses	Advisor/ system

3.3.Use Case Diagram



3.4.Use Case Template

3.4.1.[use case template] Login to online application site

Use Case Name	Login to online application site	
Scenario	*	
Triggering Event	Enter login information	
Brief Description	*	
Actors	New student	
Related Use Cases	<<include>> create account	
Stakeholders	*	
Preconditions	The student must exist Student must have an account	
Post conditions	The system displays main page in the site	
Flow of events	**ACTOR**	**SYSTEM**
	1. Enter username and password 2. View the main page	1.1check if the account exits 1.2display the main page
Exception Conditions	1.1 if the username and password invalid, display an error message	

3.4.2.[use case template] Create account

Use Case Name	Create account	
Scenario	*	
Triggering Event	Request to create an account	
Brief Description	*	
Actors	New student	
Related Use Cases	<<include>> authentication	
Stakeholders	*	
Preconditions	Student must exist	
Post conditions	Student log in to website	
Flow of events	**ACTOR**	**SYSTEM**
	1. Request to create account 2. Fill the form 3. Request to submit 4. View the log-in page	1. display the form for creating an account 1. check validity 1. create the account 3.2display the log-in page
Exception Conditions	2.1 if s/he did not fill all the requirement, then display an error message to complete the empty spaces	

3.4.3.[use case template] Authentication

Use Case Name	Authentication	
Scenario	*	
Triggering Event	Check the validity	
Brief Description	*	
Actors	System	
Related Use Cases	<<extend>> remember me	
Stakeholders	*	
Preconditions	The system must exist Account must exist	
Post conditions	System displays main page of website	
Flow of events	**ACTOR**	**SYSTEM**
	1. enter information of account 2. view the information	1.1check the validity 1.2display the information
Exception Conditions	1.1 if the account is not valid, display an error message	

3.4.4.[use case template] Remember me

Use Case Name	Remember me	
Scenario	*	
Triggering Event	Click remember me button	
Brief Description	*	
Actors	Student	
Related Use Cases	NONE	
Stakeholders	*	
Preconditions	Student must exist Account must exist Log in	
Post conditions	Log in automatically by the system	
Flow of events	**ACTOR**	**SYSTEM**
	1. click on username space 2. click on username and password 3. view the main page	1.1display the username and password 2.1 log in to the website 2.2 display the main page
Exception Conditions	NONE	

3.4.4.[use case template] Check for validity

Use Case Name	Check for validity	
Scenario	*	
Triggering Event	Request to submit e-document	
Brief Description	*	
Actors	System	
Related Use Cases	<<include>>submit e-document <<extend>>student accepted <<extend>>student not accepted	
Stakeholders	*	
Preconditions	Document must exist	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. submit e-document	1. check validity 2. display a message
Exception Conditions	1.1 if the e-documents' type is not and size greater than given type and size, display an error message	

3.4.5.[use case template] Submit e-document

Use Case Name	Submit e-documents	
Scenario	*	
Triggering Event	Request to upload documents	
Brief Description	*	
Actors	New student	
Related Use Cases	<<include>>login to online application site	
Stakeholders	*	
Preconditions	Student must exist Student must have an account Documents must exist	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. request to upload documents. 2. Upload the document 3. Click submit	1. display upload area 2.1check the type 2.2check the size 3.1 update
Exception Conditions	1. if the document type is not the same as given, then display an error message 2. if the document size id greater than given size, then display an error message	

3.4.6.[use case template] logon on the portal site

Use Case Name	Log on the portal site	
Scenario	*	
Triggering Event	Request to log on portal	
Brief Description	*	
Actors	New student	
Related Use Cases	<<include>> authentication	
Stakeholders	*	
Preconditions	Student must exist Student must have an account	
Post conditions	System will display the portal	
Flow of events	**ACTOR**	**SYSTEM**
	1. request to log on portal 2. enter username and password 3. view main page of portal	1.1display log on page 2.1 check validity 2.2 display the main page of portal
Exception Conditions	2.1 if the username and password are wrong, then display an error message	

3.4.7.[use case template] Student accepted

Use Case Name	Student accepted	
Scenario	*	
Triggering Event	Review the e-document	
Brief Description	*	
Actors	Registration office	
Related Use Cases	NONE	
Stakeholders	*	
Preconditions	Documents must exist Document must be validated	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. Review the e-document 2. View accepted letter 3. Send it to student	1.1check the requirements 1.2display the accepted letter
Exception Conditions	1.1 if they are not at least at the range of the minimum requirements, then display an error message	

3.4.8.[use case template] Student not accepted

Use Case Name	Student not accepted	
Scenario	*	
Triggering Event	Review the e-documents	
Brief Description	*	
Actors	Registration office	
Related Use Cases	NONE	
Stakeholders	*	
Preconditions	Documents must exist Documents must be validated	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. Review e-documents 2. View unaccepted letter 3. Send it to student	1.1check requirements 1.2 display unaccepted letter
Exception Conditions	1.1 if they are at least at the range of the minimum requirements, then display an accepted message	

3.4.9.[use case template] Finalise registration

Use Case Name	Finalize registration	
Scenario	*	
Triggering Event	Go to registration office	
Brief Description	*	
Actors	New student	
Related Use Cases	<<include>> student accepted	
Stakeholders	*	
Preconditions	Student must exist Accepted letter must exist	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. Go to registration office. 2. Give student number 3. Submit the original documents	1. ask for student number 2.1 check the student number 2.2 ask for original documents 3.1 check validity 3.2 update the information
Exception Conditions	2.1 if s/he not accepted, then display error message 3.1 if original documents not match e-documents, then display an error message	

3.4.10.[use case template] Finalise payment

Use Case Name	Finalize payment	
Scenario	*	
Triggering Event	Request to submit payment letter	
Brief Description	*	
Actors	Current student	
Related Use Cases	<<include>> finalize registration <<include>>log on portal site <<extend>>bank transfer <<extend>>cash <<extend>>cancel payment <<extend>>credit card	
Stakeholders	*	
Preconditions	Student must exist Account must exist	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1.Request to submit payment letter 2.view upload space 3. upload payment letter	1. display upload space 3.1 check payment
Exception Conditions	3.1 if money is not received, then display an error message	

3.4.11.[use case template] Bank transfer

Use Case Name	Bank transfer	
Scenario	*	
Triggering Event	Request to view bank transfer detail	
Brief Description	*	
Actors	Student	
Related Use Cases	NONE	
Stakeholders	*	
Preconditions	Student must exist Student must have account	
Post conditions	System give access for add course	
Flow of events	**ACTOR**	**SYSTEM**
	1. request to view bank detail 2. view bank detail 3. transfer money	1.1 display the bank transfer detail
Exception Conditions	NONE	

3.4.12.[use case template] Cash

Use Case Name	Cash	
Scenario	*	
Triggering Event	Go to bank	
Brief Description	*	
Actors	Current student	
Related Use Cases	NONE	
Stakeholders	*	
Preconditions	Student must exist Student must have registered	
Post conditions	Student will be able to add courses	
Flow of events	**ACTOR**	**SYSTEM**
	1. go to bank 2. ask for amount of tuition fee 3. pay this amount 4. ask for bill 5. take the bill	2.1 give the exact amount of tuition fee 3.1 check money 4.1 print the bill
Exception Conditions	3.1 if the amount is not same as tuition fee amount, then inform with that	

3.4.13.[use case template] Cancel payment

Use Case Name	Cancel payment	
Scenario	*	
Triggering Event	Request to cancel payment	
Brief Description	*	
Actors	Student	
Related Use Cases	NONE	
Stakeholders	*	
Preconditions	Student must have account	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. request to cancel payment 2. fill with the reasons 3. submit the form	1. display form to fill 3.1 check validity
Exception Conditions	3.1 if the form is not filled, then display an error message	

3.4.14.[use case template] Review documents

Use Case Name	Review documents	
Scenario	*	
Triggering Event	Ask student for documents	
Brief Description	*	
Actors	Registration office	
Related Use Cases	<<include>> finalize registration	
Stakeholders	*	
Preconditions	Student must exist Documents must exist	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. ask student for documents 2. review the documents	2.1 update the system
Exception Conditions	NONE	

3.4.15.[use case template] Course registration

Use Case Name	Course registration	
Scenario	*	
Triggering Event	Request to register courses	
Brief Description	*	
Actors	Student, advisor	
Related Use Cases	<<include>> check course availability <<include>> finalize registration	
Stakeholders	*	
Preconditions	Student must exist Student must have paid tuition fee	
Post conditions	System can confirm System updated	
Flow of events	**ACTOR**	**SYSTEM**

	1. Request to register courses
	2. View courses
	3. Select courses to add
	4. Request to submit courses
	5. View courses list and timetable
		1. display courses
		  1. check courses validity
		  2. display courses list and timetable

Exception Conditions	4.1 if the course has pre-request, then display an error message	

3.4.16.[use case template] Check course availability

Use Case Name	Check course availability	
Scenario	*	
Triggering Event	Request to view course	
Brief Description	*	
Actors	Advisor	
Related Use Cases	NONE	
Stakeholders	*	
Preconditions	Student must have added course	
Post conditions	System will add course System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. Request to view courses 2. Choose the course 3. Request to add course 4. Submit courses	1.1display courses option 3.1 check availability 3.2 add the course 4.1 update system
Exception Conditions	3.1 if the course is no available, then display an error message	

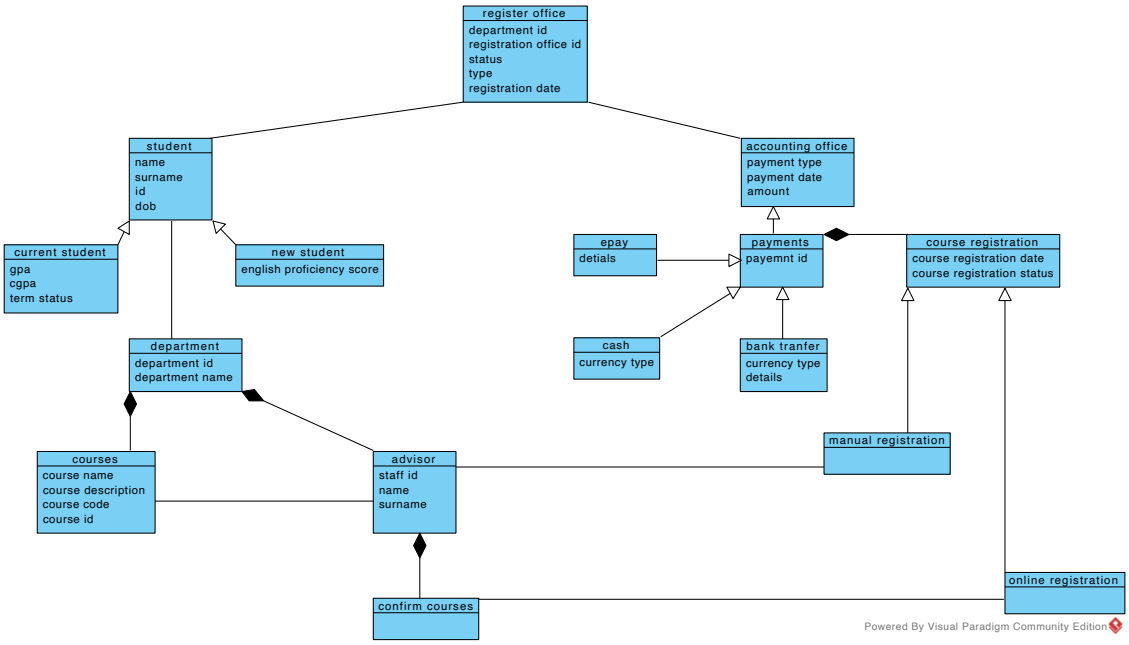
3.4.17.[use case template] Manual registration

Use Case Name	Manual registration	
Scenario	*	
Triggering Event	Request to register	
Brief Description	*	
Actors	Student, Advisor	
Related Use Cases	NONE	
Stakeholders	*	
Preconditions	Student must exist Student must has submitted e-documents	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. Request to register. 2. Submit documents	1.1 ask for documents
Exception Conditions	NONE	

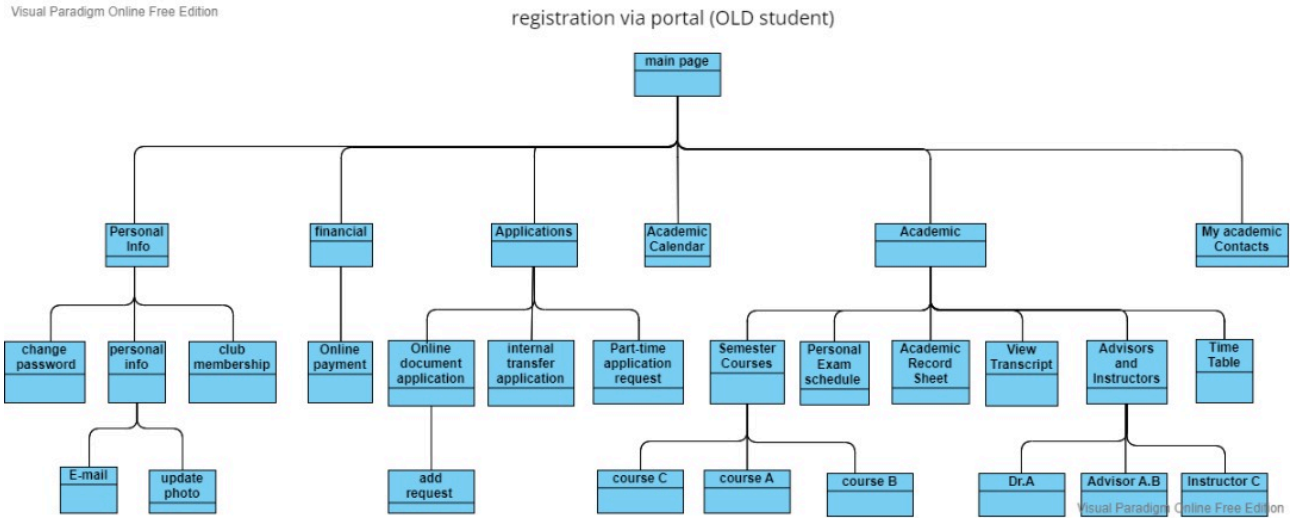
3.4.18.[use case template] online registration

Use Case Name	Online registration	
Scenario	*	
Triggering Event	Request to online registration	
Brief Description	*	
Actors	Student	
Related Use Cases	<<include>> log on portal site <<include>>finalize payment	
Stakeholders	*	
Preconditions	Student must exist Student must have an account Student must has paid for tuition fee	
Post conditions	System updated	
Flow of events	**ACTOR**	**SYSTEM**
	1. Request to online registration 2. View registration page 3. Request to fill the form 4. Fill all the requirements 5. Submit the form	1.1diplay online registration page 3.1 display online registration form 5.1 check the form
Exception Conditions	5.1 if there is any space is not filled, then display an error message	

3.5.Domain class diagram

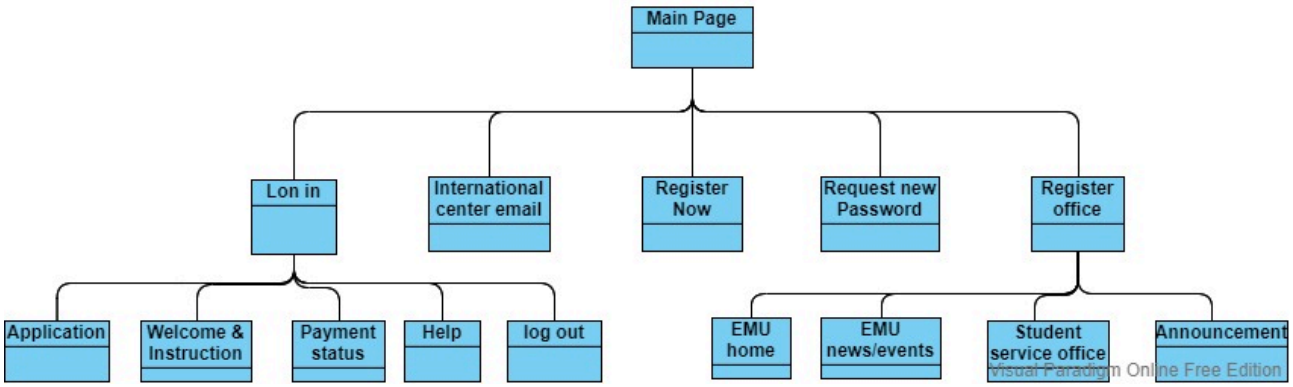


3.6.Navigation diagram



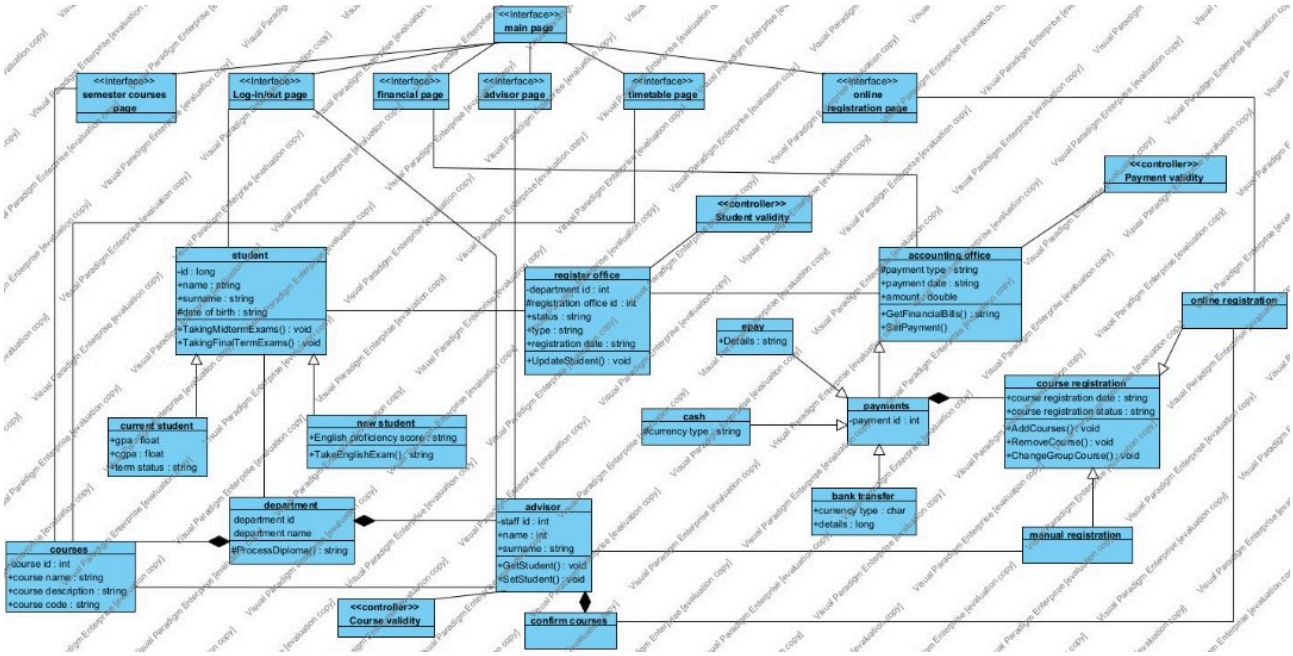
Visual Paradigm Online Free Edition

online registration (NEW student)



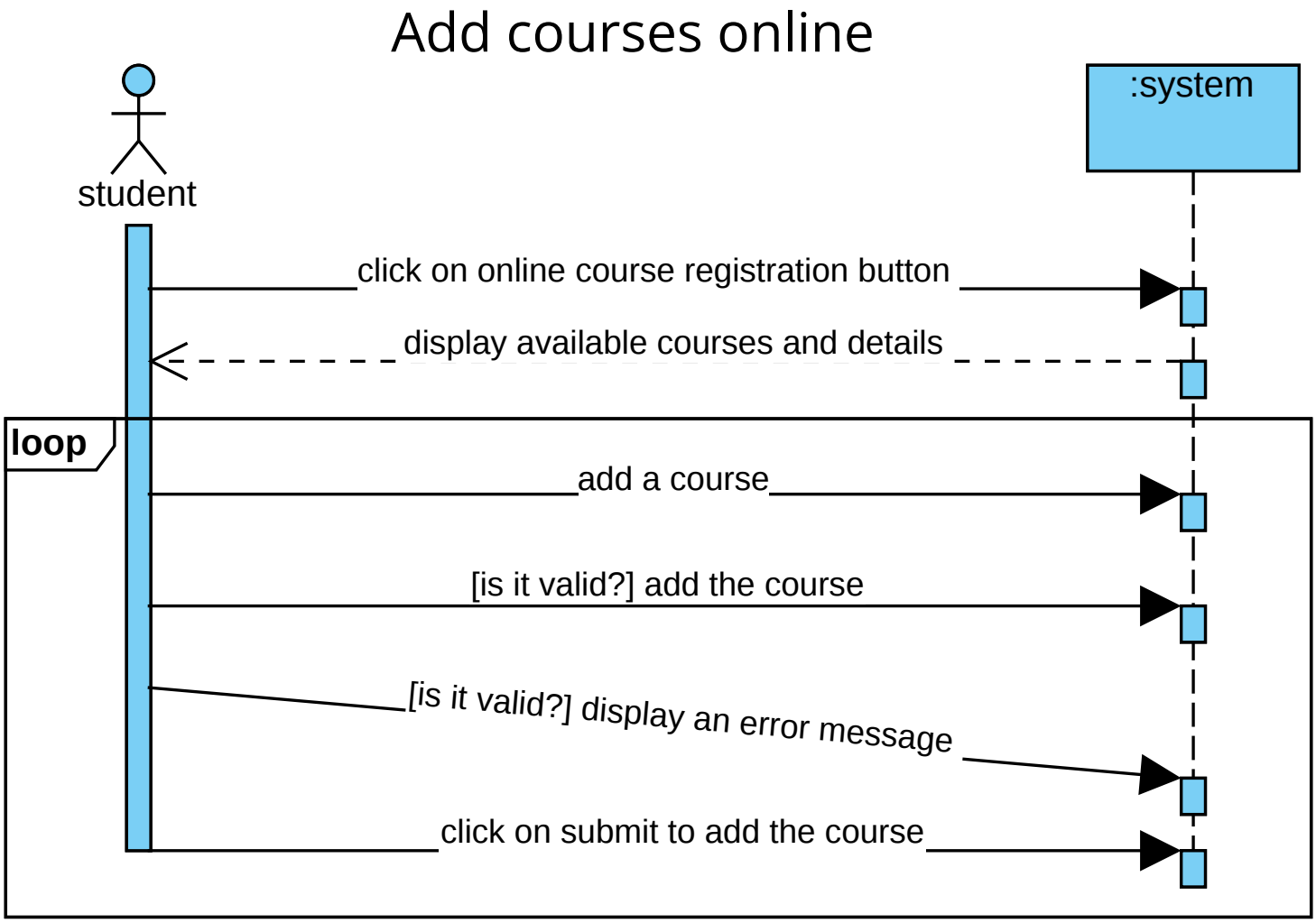
4.Phase three

4.1.Design class diagram

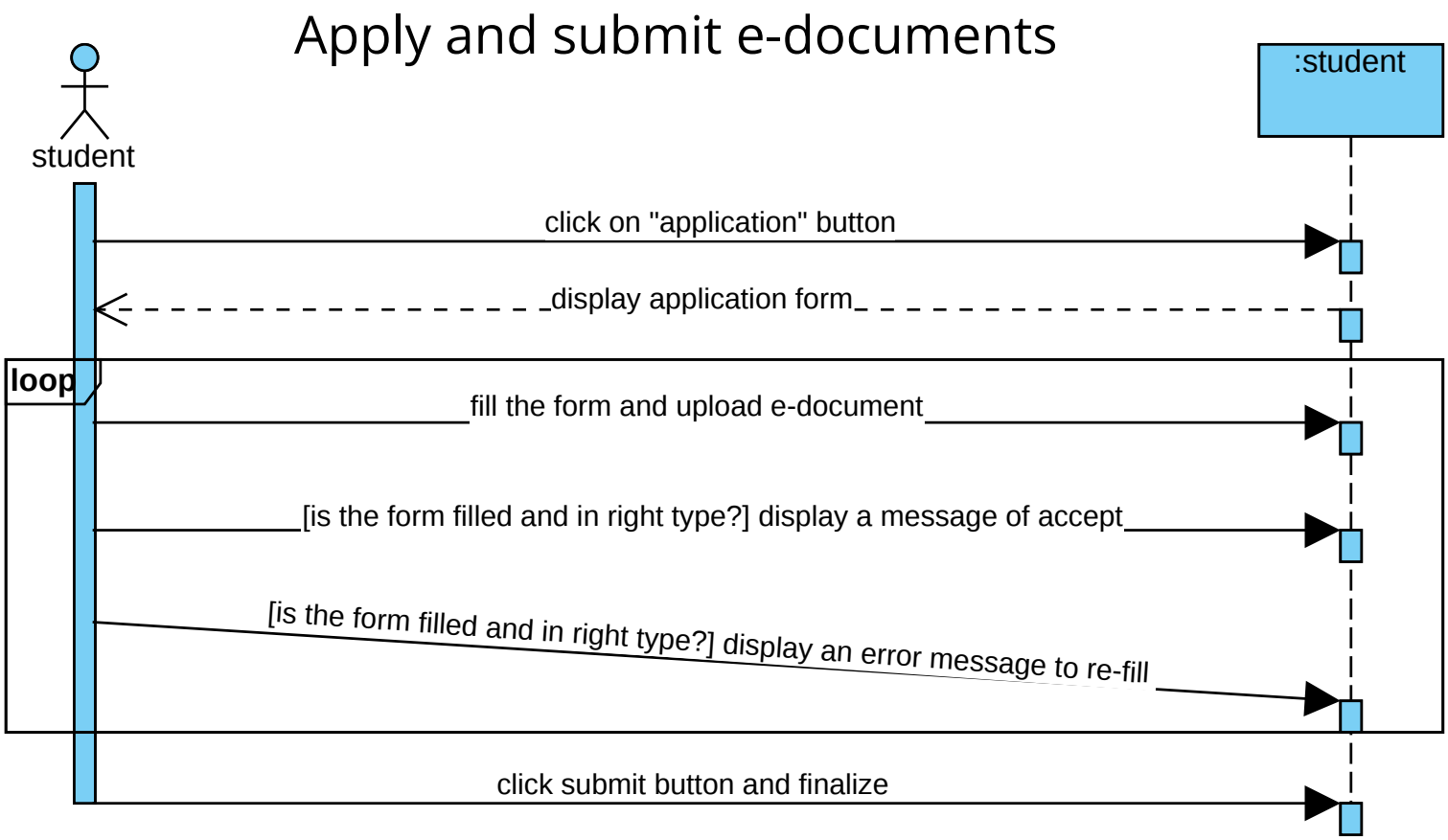


4.2.Sequence diagram

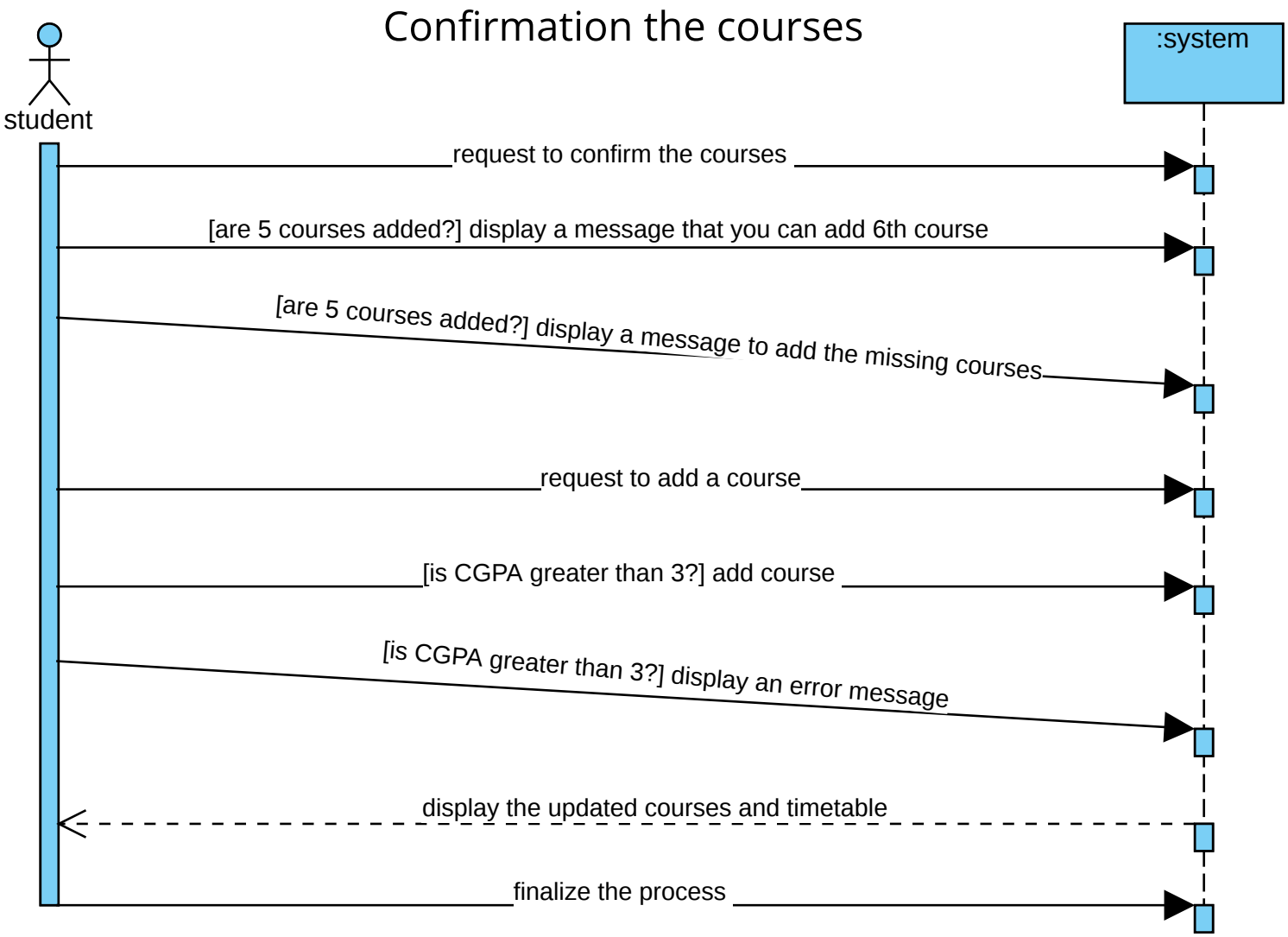
4.2.1.[SSD] Add courses online



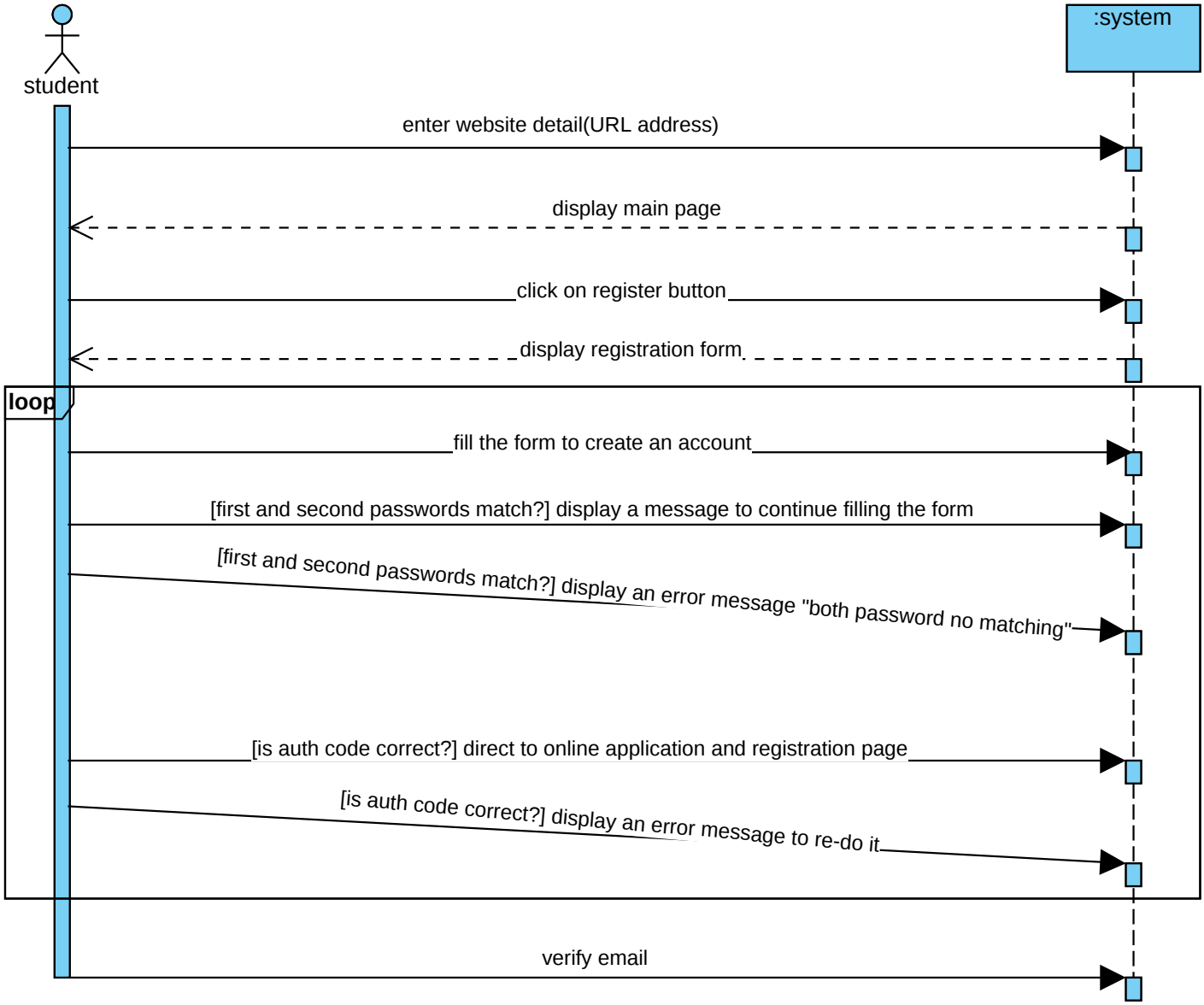
4.2.2.[SSD] Apply and submit e-documents



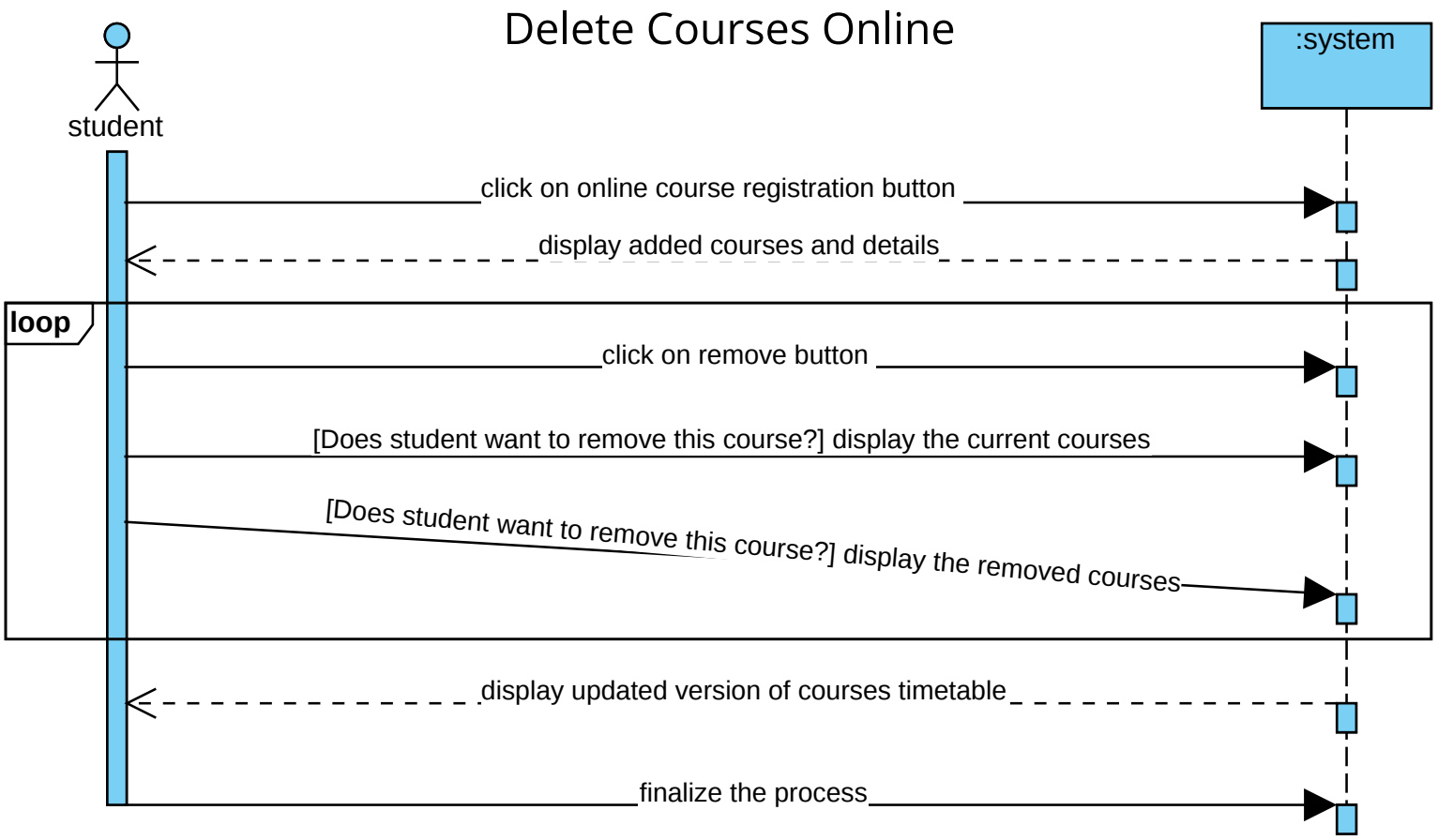
4.2.3.[SSD] Confirmation the courses



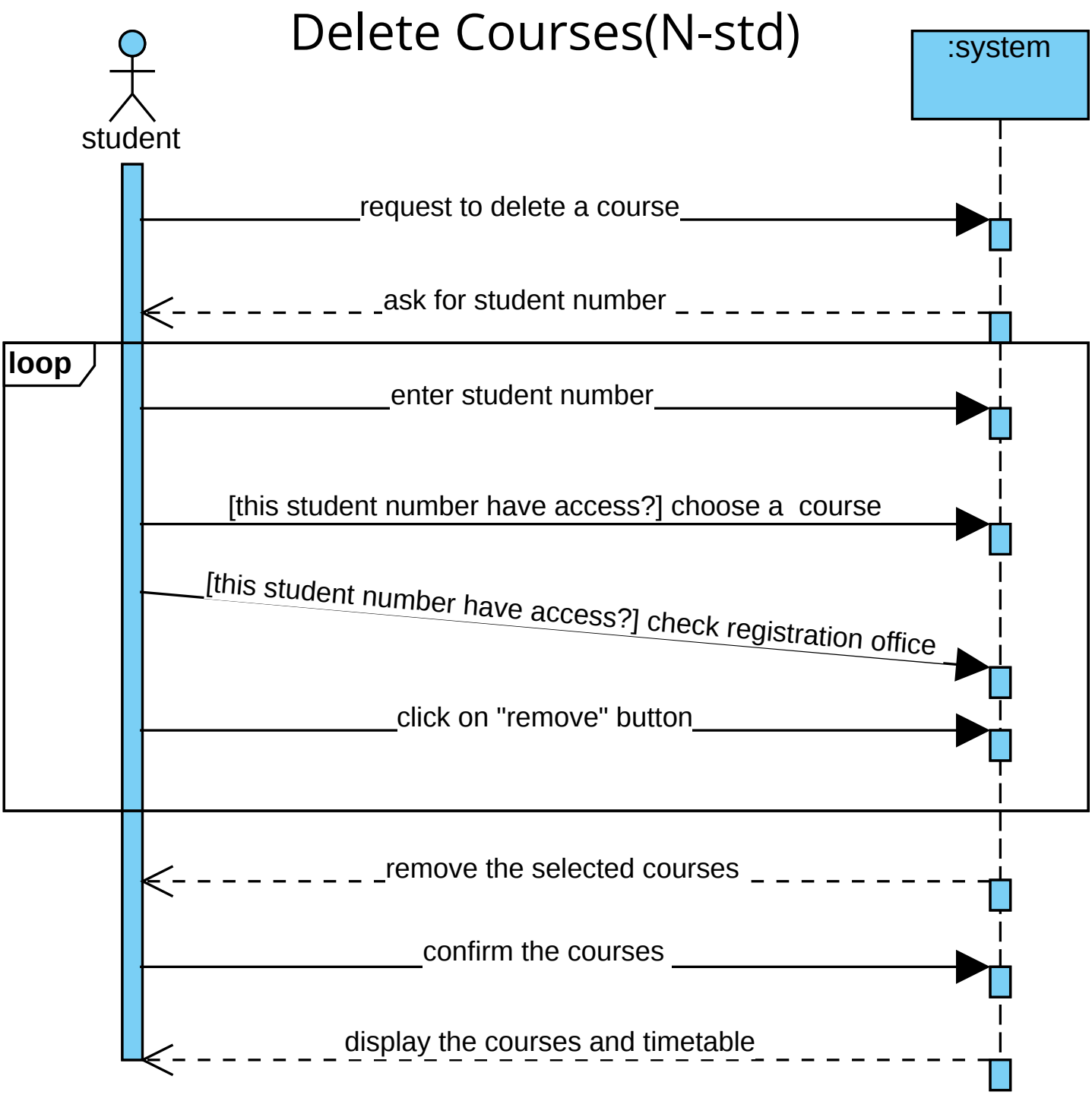
4.2.4.[SSD] Create account



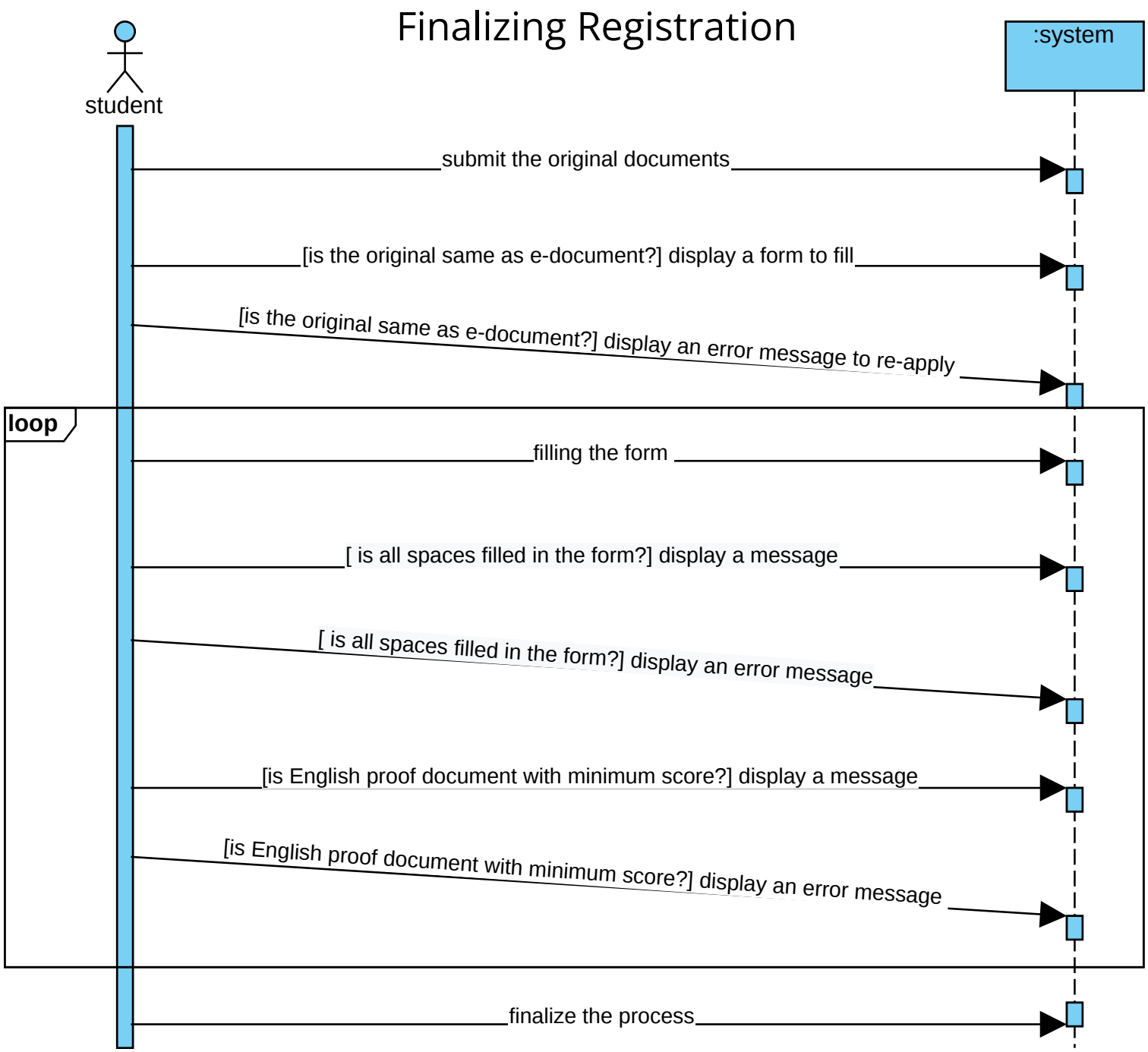
4.2.5.[SSD] Delete courses online



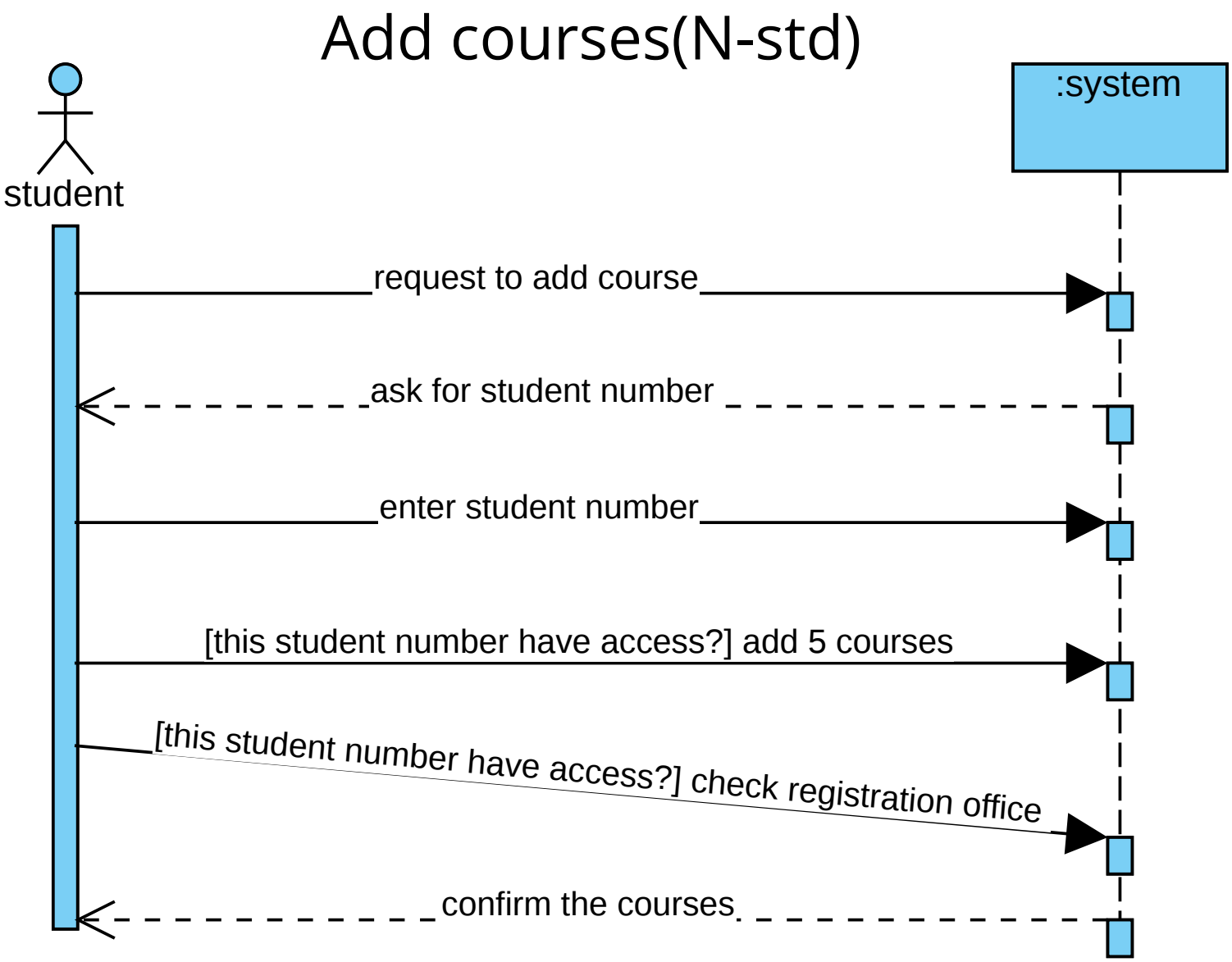
4.2.6.[SSD] Delete courses (new student with advisor)



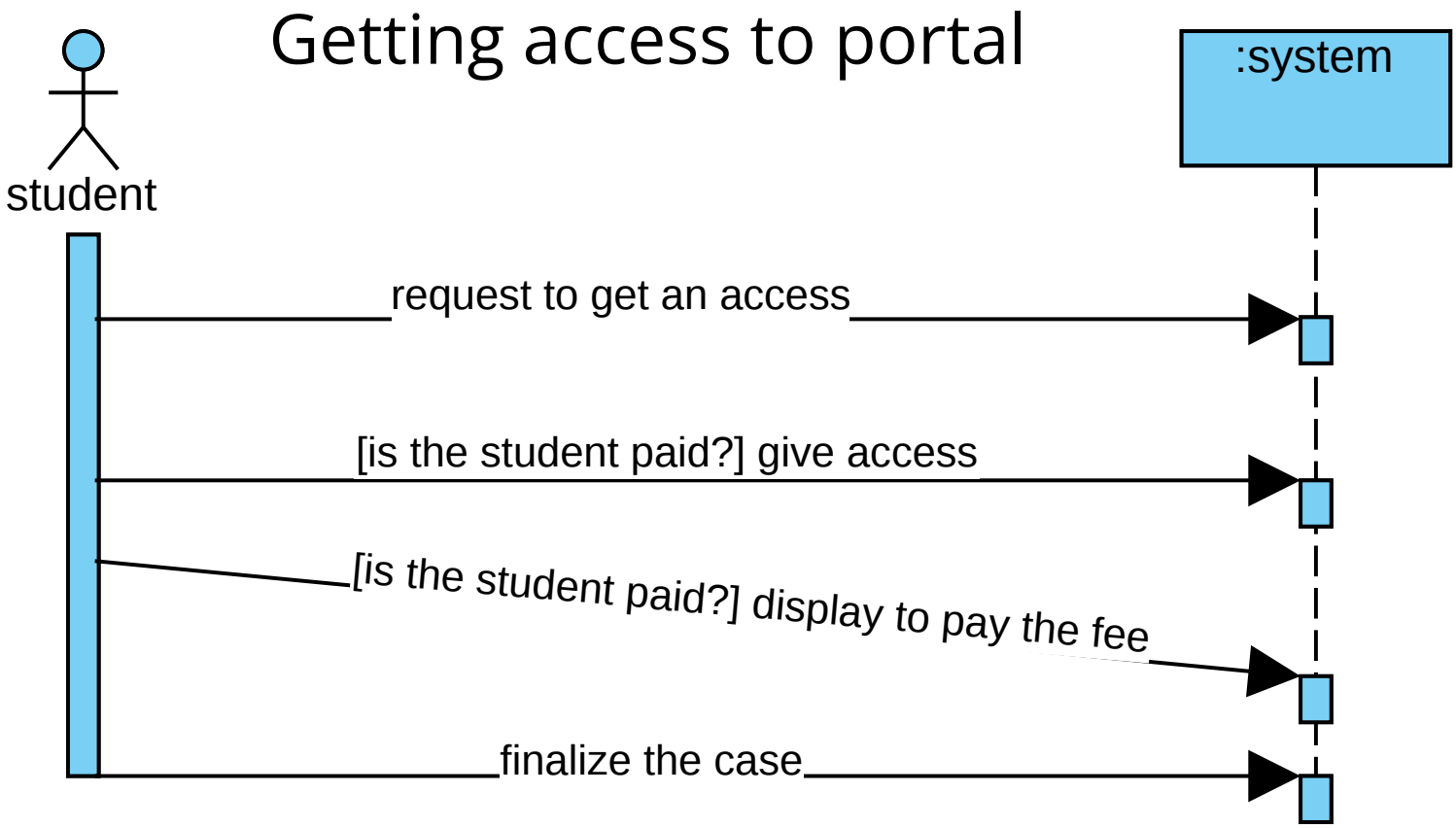
4.2.7.[SSD] Finalize regisrtation



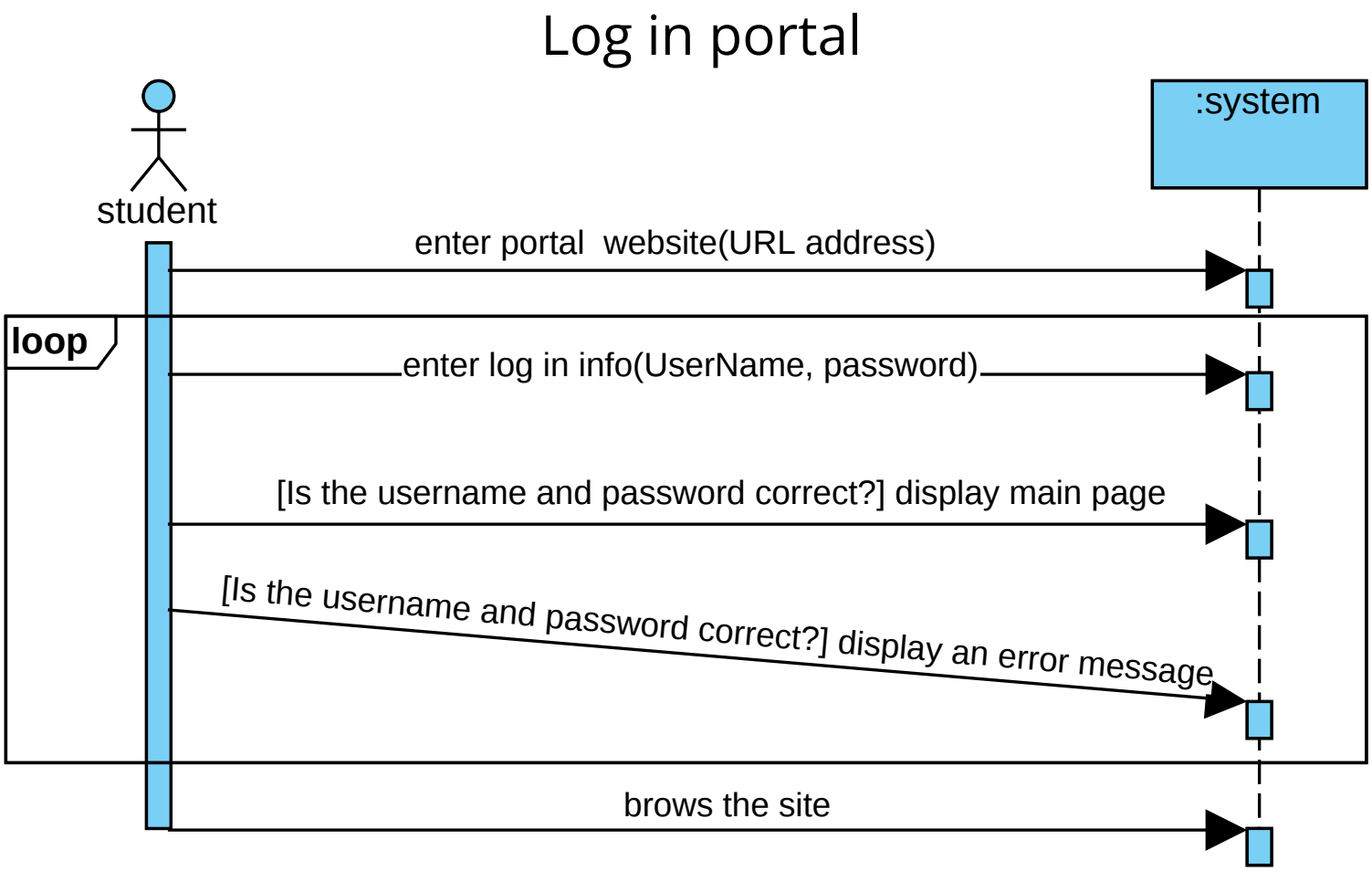
4.2.8.[SSD] Delete courses (new student with advisor)



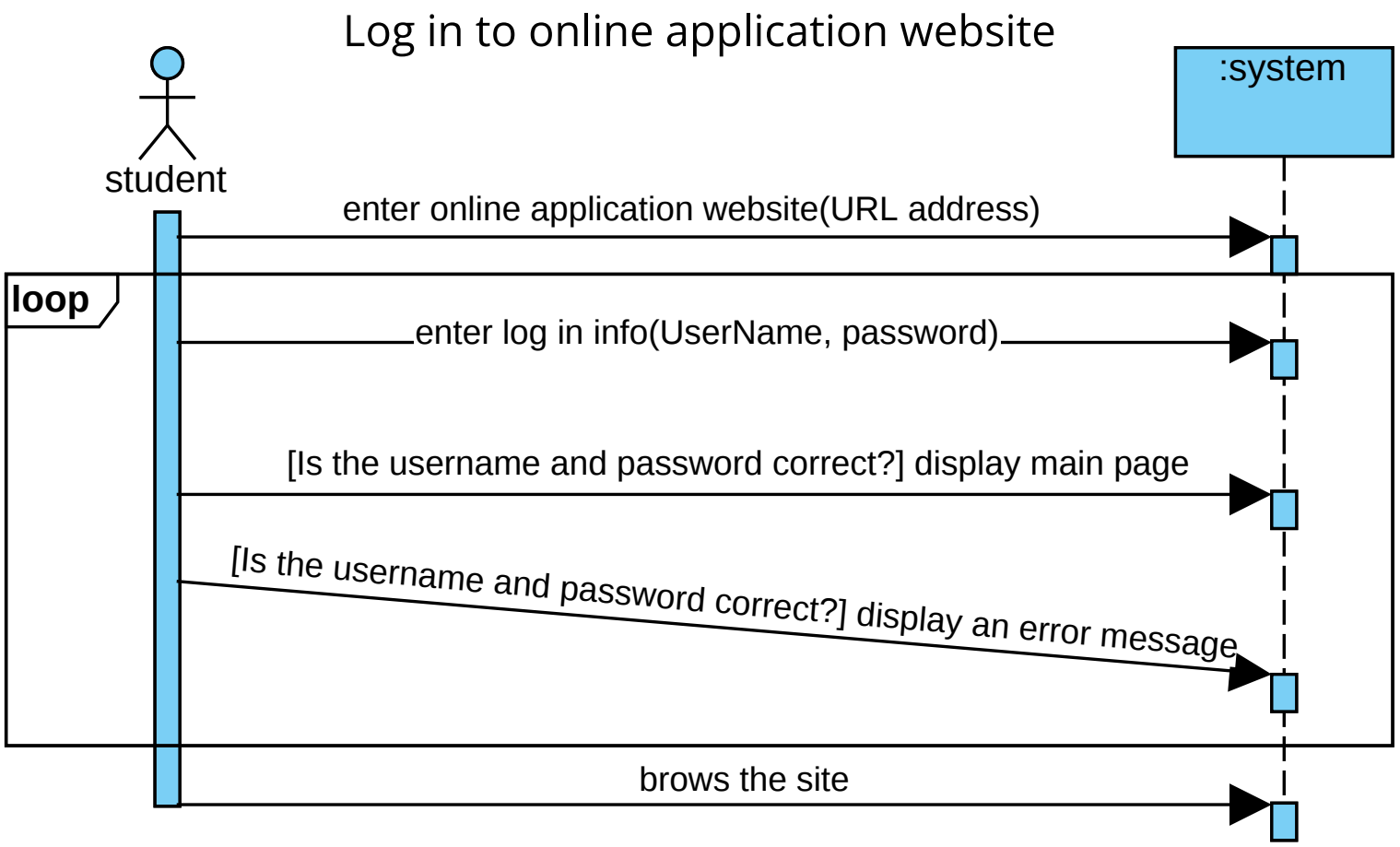
4.2.9.[SSD] Getting access to portal



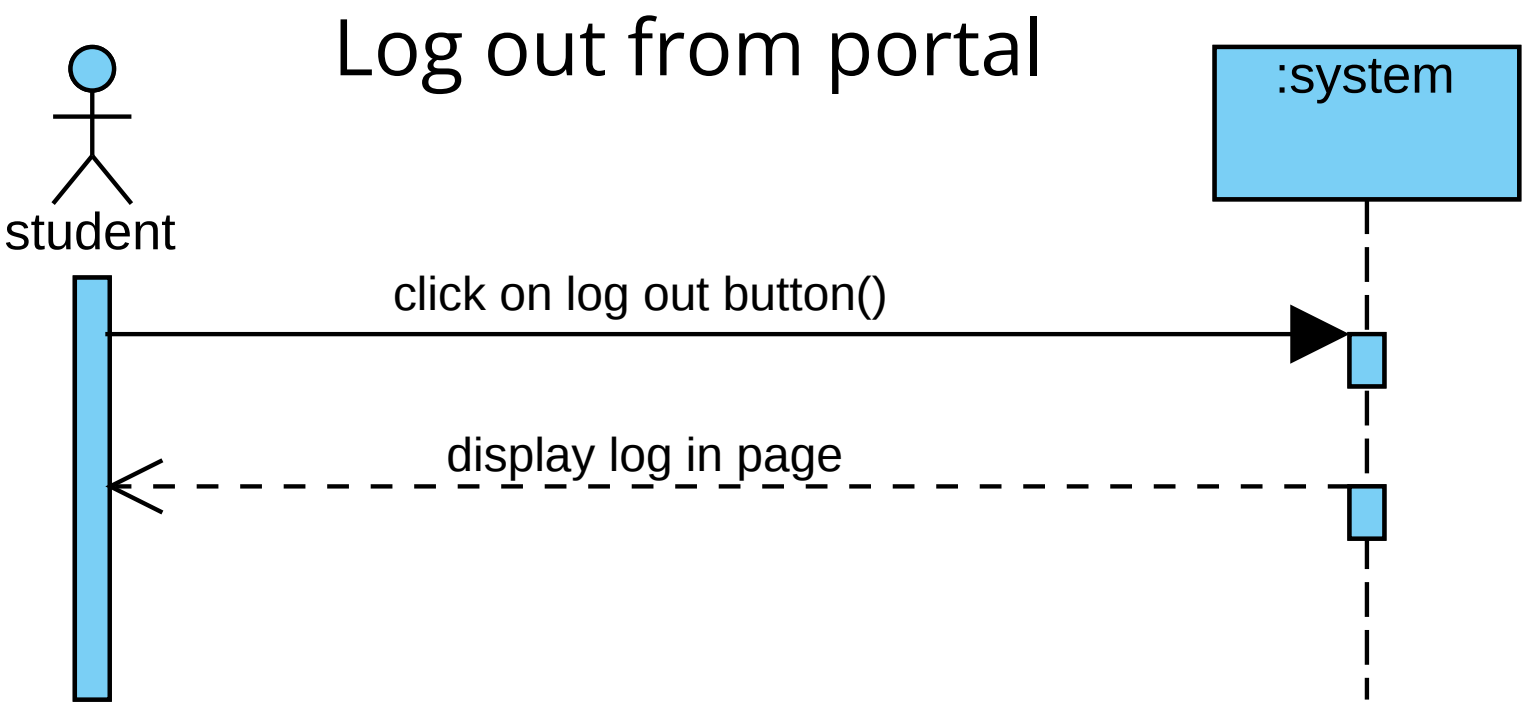
4.2.10.[SSD] login to portal



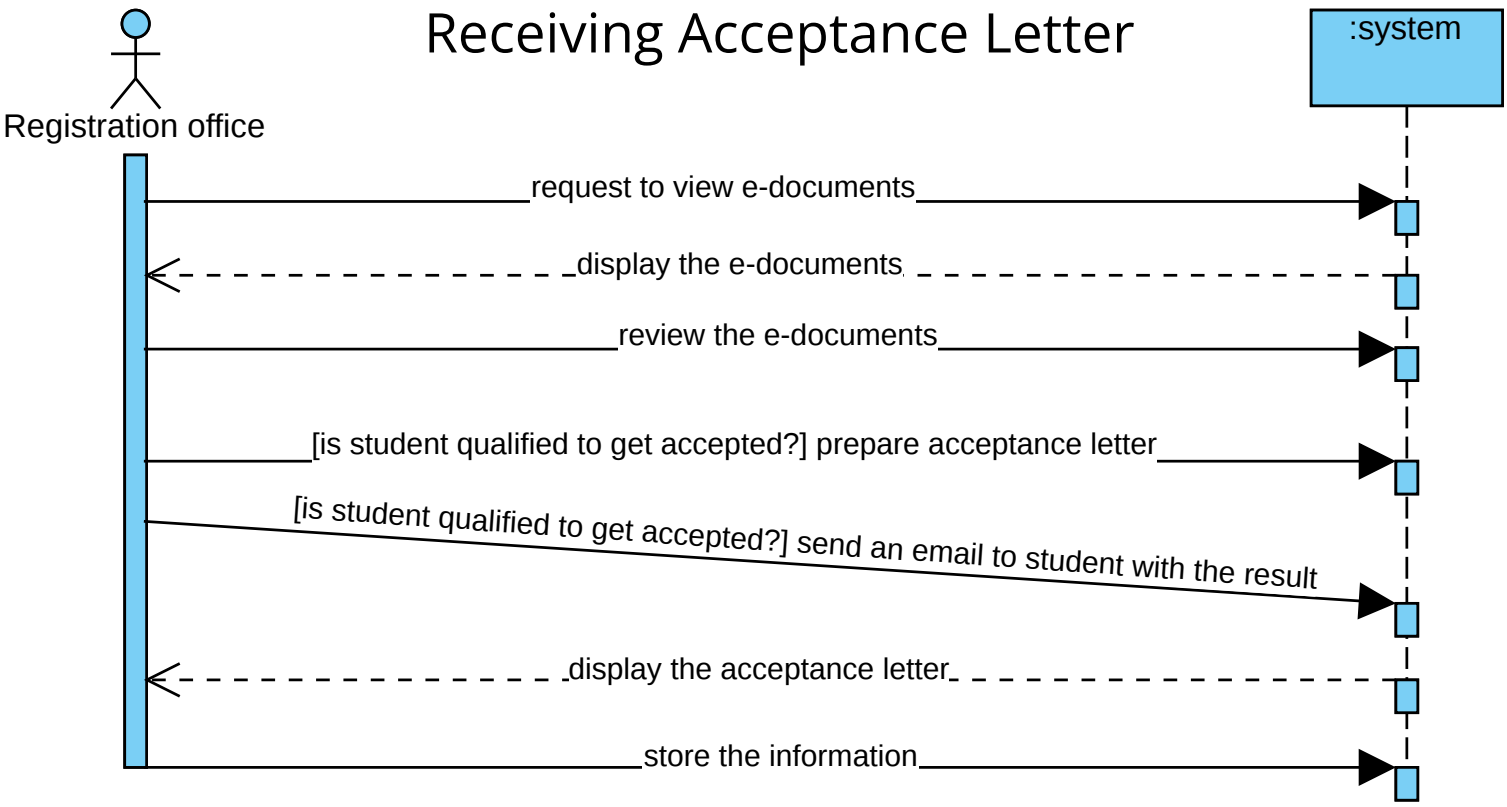
4.2.11.[SSD] login to online application website



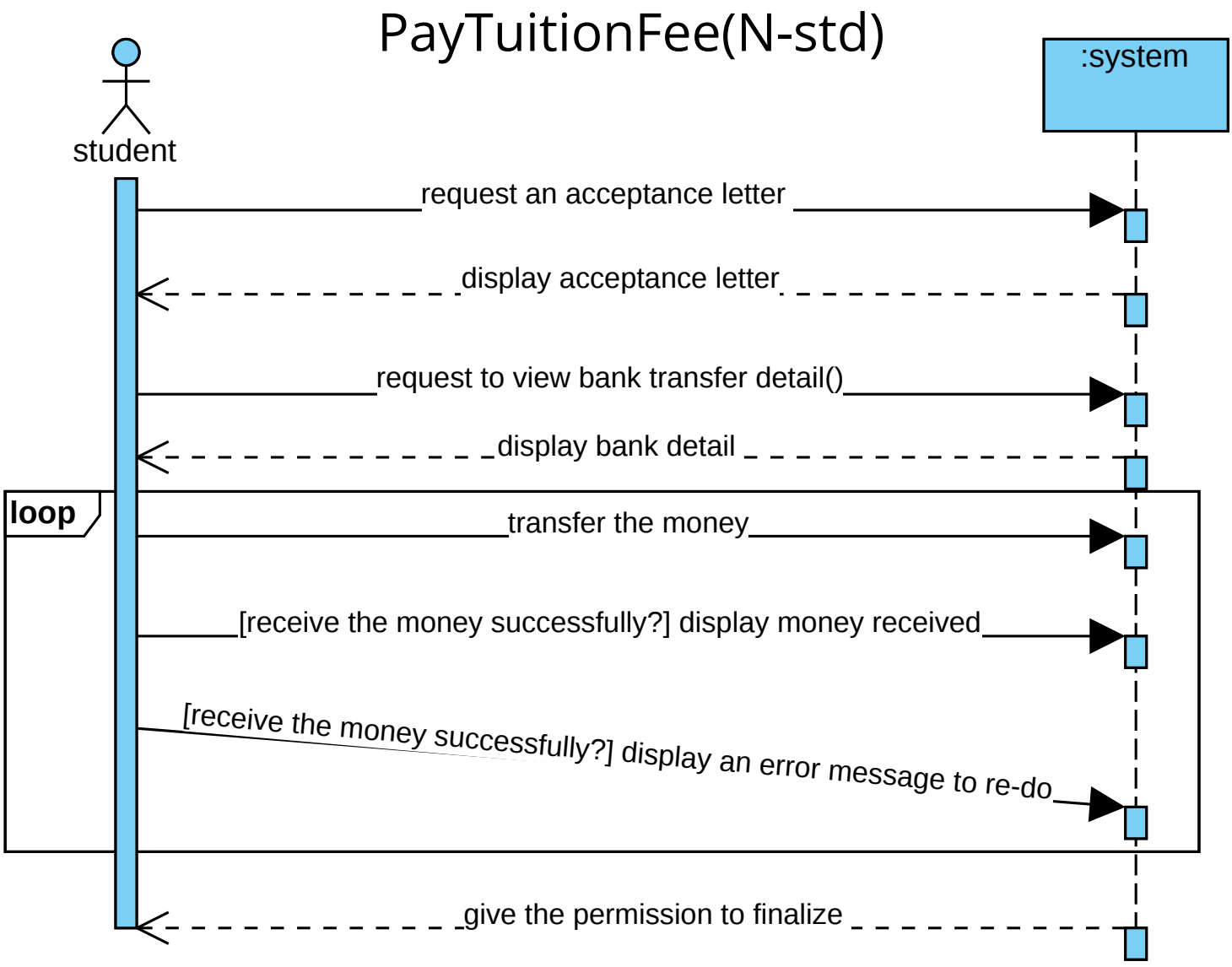
4.2.12.[SSD] logout from portal



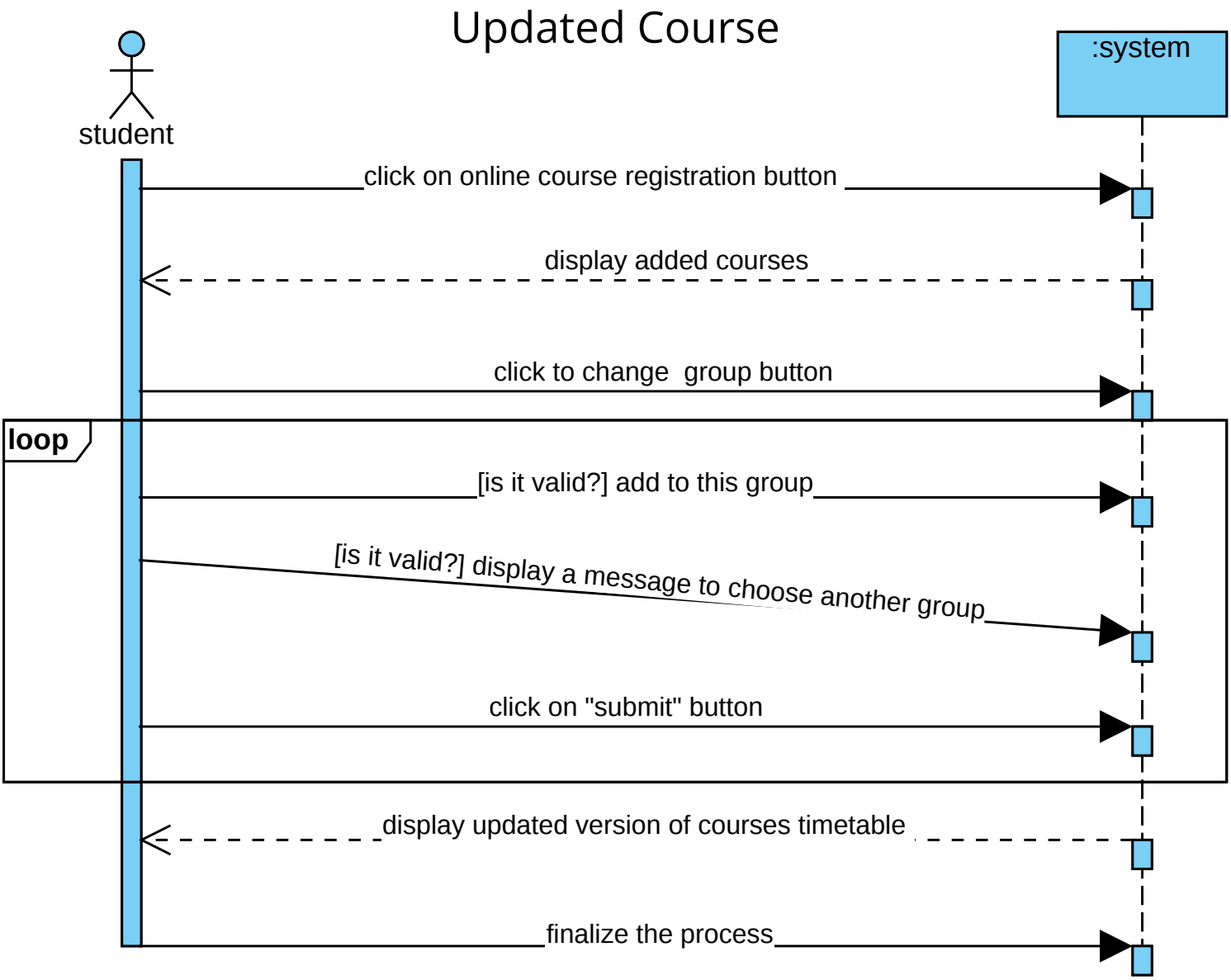
4.2.13.[SSD] Receiving acceptance letter



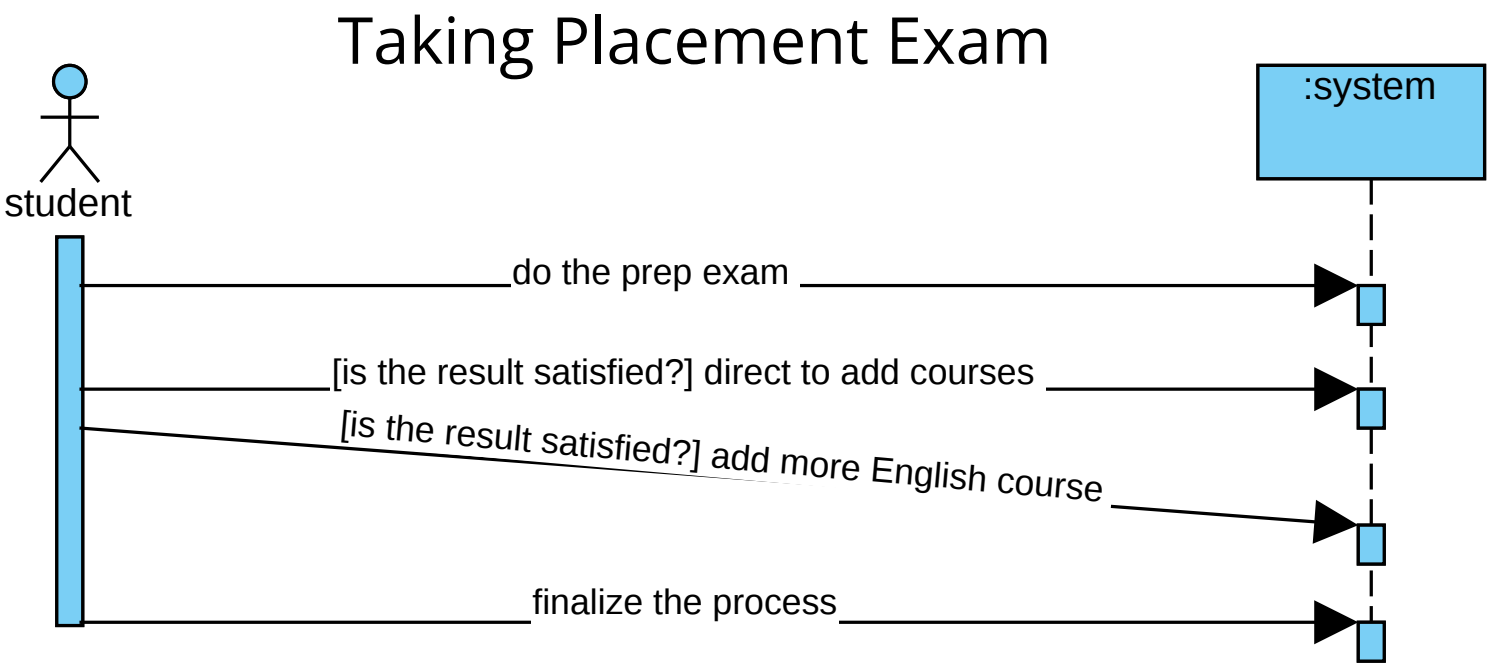
4.2.14.[SSD] Pay tuition fee (new student)



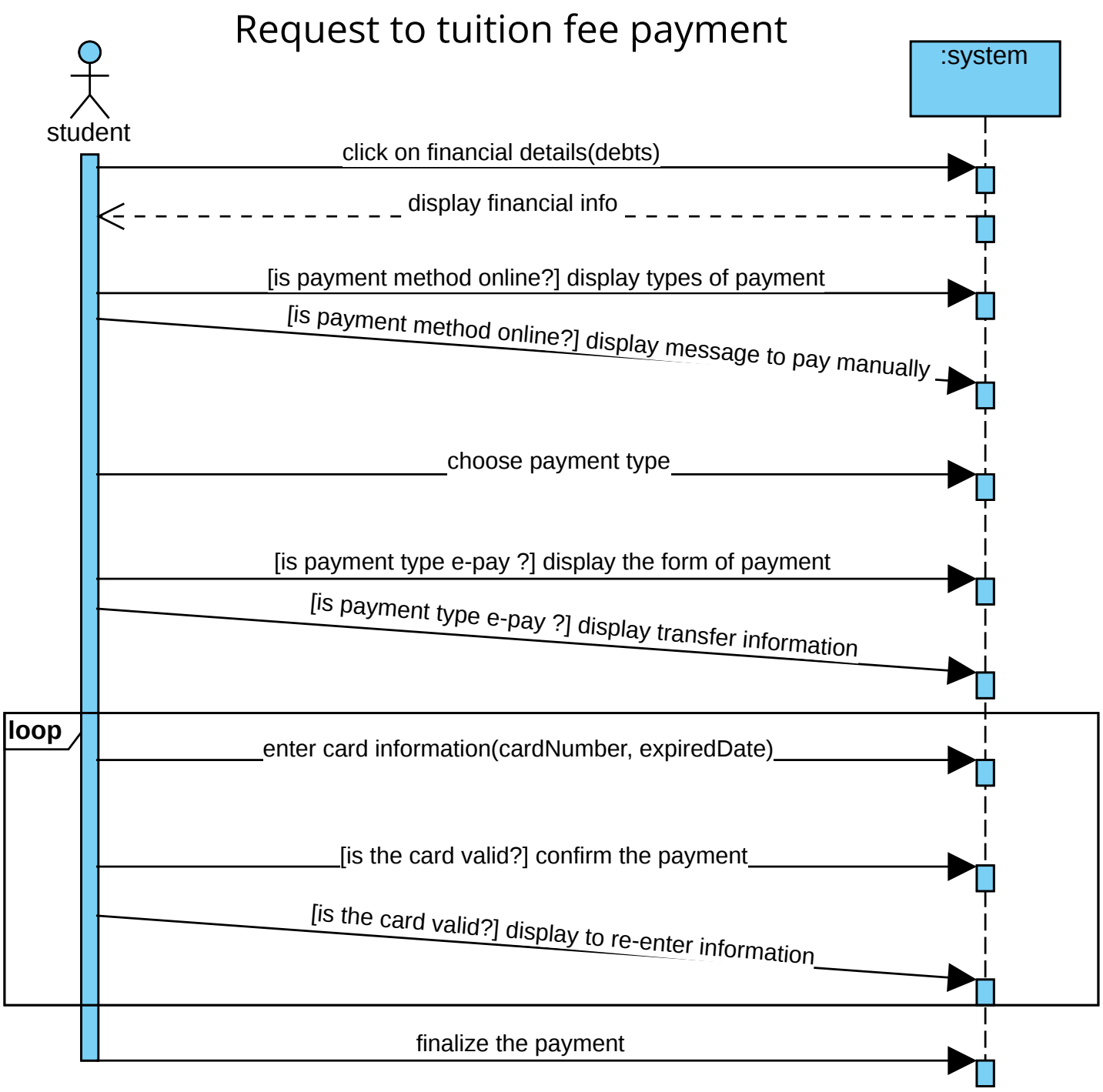
4.2.15.[SSD] Update course



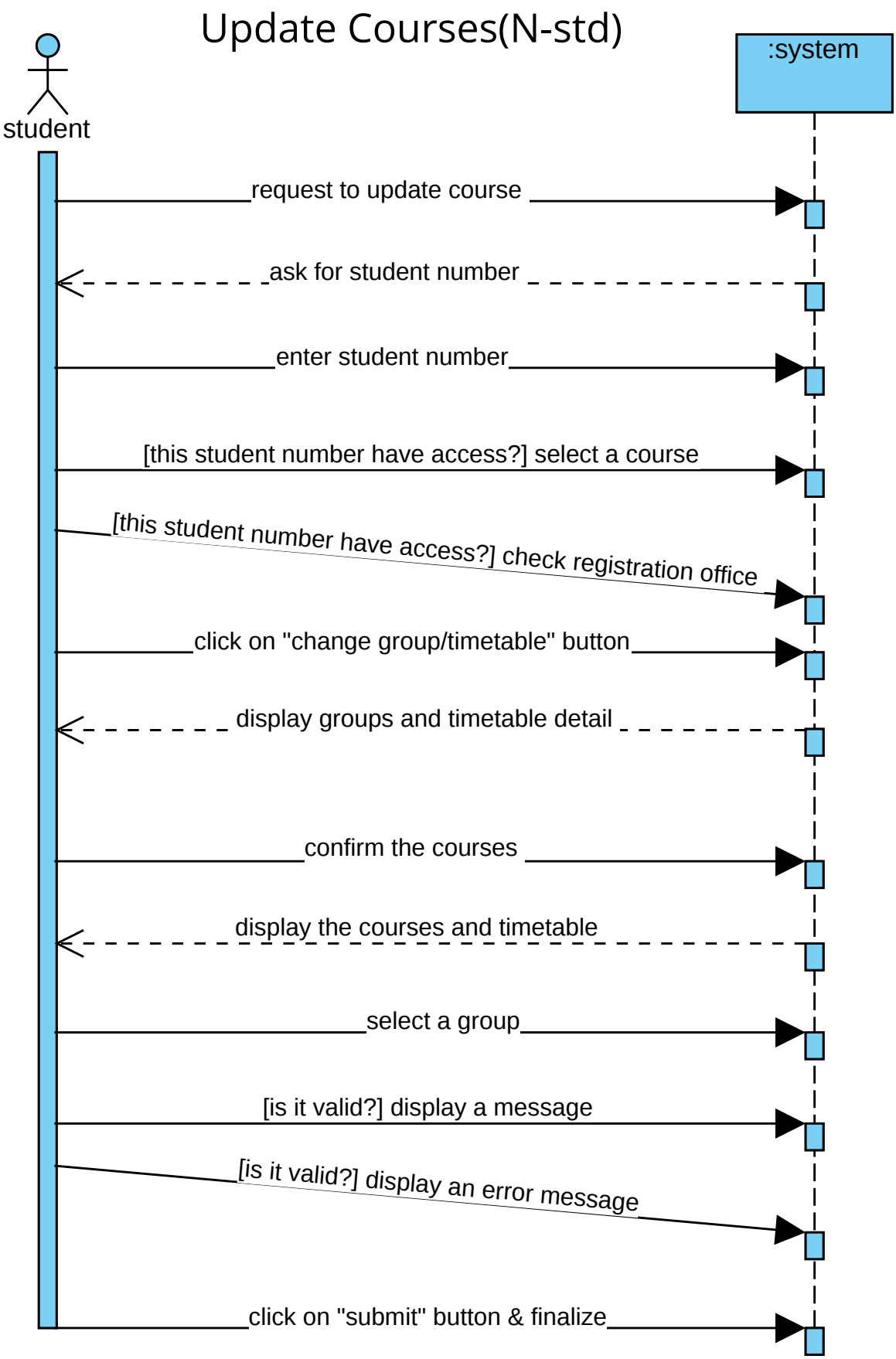
4.2.16.[SSD] Taking placement exam



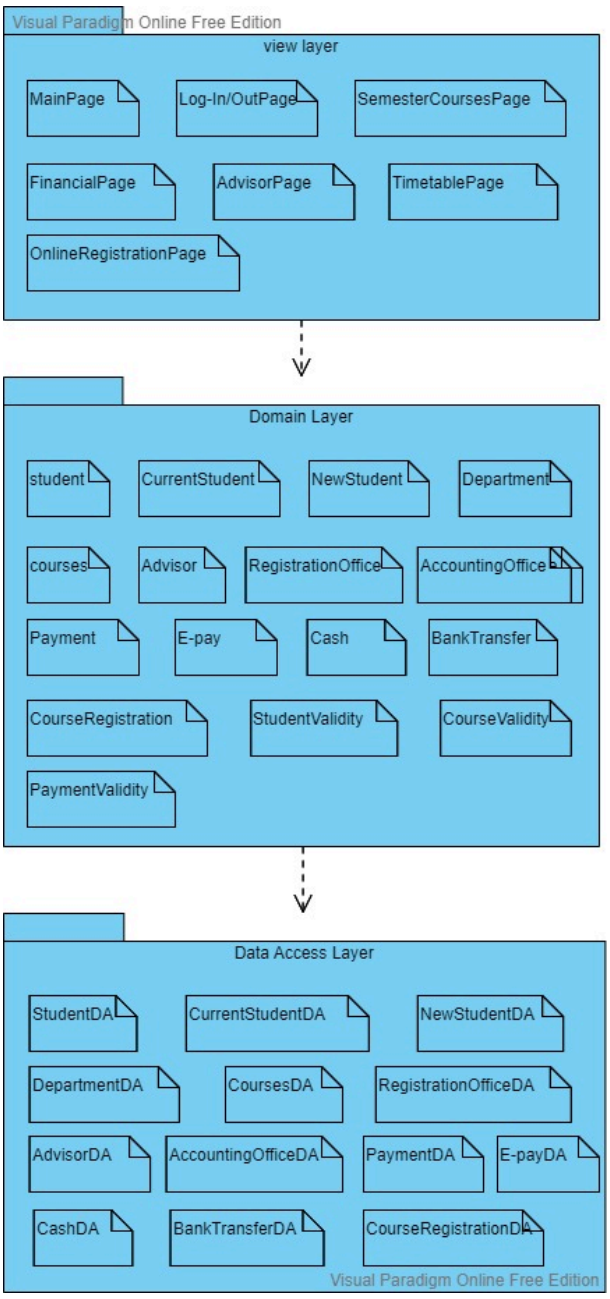
4.2.17.[SSD] Request to tuition fee payment



4.2.18.[SSD] Update courses (new student)

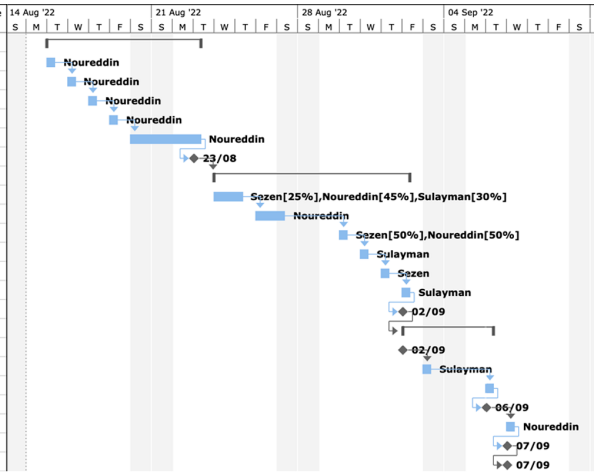


4.3.Package diagram



5.Gantt chart

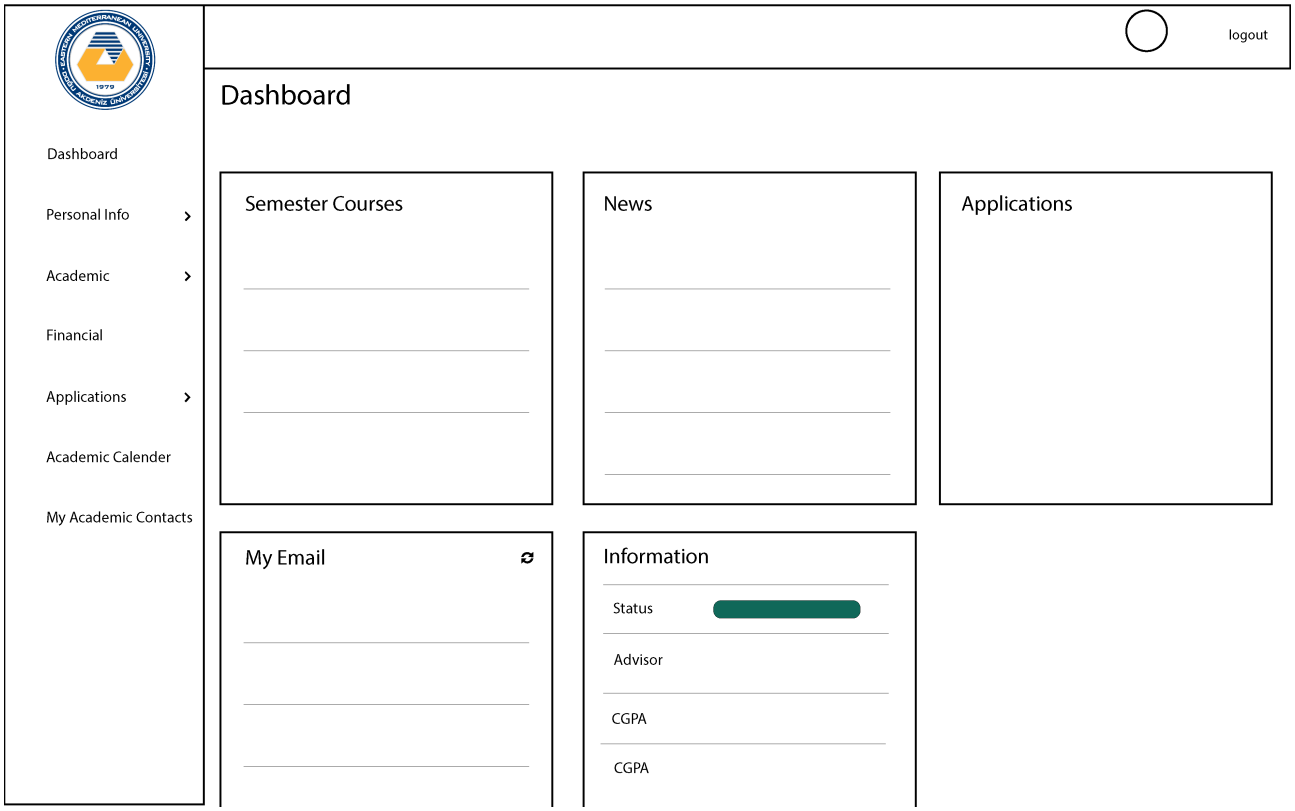
	Task Name	Resource Names	Duration	Start	Finish	Work	Predecessors	% Complete
1	**phase1**		**6 days**	**Mon 15/08/22 11:0**	**Tue 23/08/22 8:00**	**48 hrs**		**0%**
2	scope	Noureddin	1 day	Mon 15/08/22 11:00	Tue 16/08/22 8:00 a	8 hrs		0%
3	obectives	Noureddin	1 day	Tue 16/08/22 11:00 p	Wed 17/08/22 8:00 a	8 hrs	2	0%
4	benefits	Noureddin	1 day	Wed 17/08/22 11:00	Thu 18/08/22 8:00 a	8 hrs	3	0%
5	outcomes	Noureddin	1 day	Thu 18/08/22 11:00 p	Fri 19/08/22 8:00 am	8 hrs	4	0%
6	system requirements	Noureddin	2 days	Fri 19/08/22 11:00 p	Tue 23/08/22 8:00 a	16 hrs	5	0%
7	finish phase1		0 days	Tue 23/08/22 8:00 a	Tue 23/08/22 8:00 a	0 hrs	6	0%
8	**phase2**		**8 days**	**Tue 23/08/22 11:0**	**Fri 02/09/22 8:00 a**	**64 hrs**	**7**	**0%**
9	activity diagram	Sezen[25%],Noureddin[45%],Sulayman[30%]	2 days	Tue 23/08/22 11:00 p	Thu 25/08/22 8:00 a	16 hrs		0%
10	event list and table	Noureddin	2 days	Thu 25/08/22 11:00 p	Sat 27/08/22 8:00 am	16 hrs	9	0%
11	use case diagram	Sezen[50%],Noureddin[50%]	1 day	Mon 29/08/22 11:00	Tue 30/08/22 8:00 a	8 hrs	10	0%
12	use case specification	Sulayman	1 day	Tue 30/08/22 11:00 p	Wed 31/08/22 8:00 a	8 hrs	11	0%
13	domain class diagram	Sezen	1 day	Wed 31/08/22 11:00	Thu 01/09/22 8:00 a	8 hrs	12	0%
14	navigation diagram	Sulayman	1 day	Thu 01/09/22 11:00 p	Fri 02/09/22 8:00 am	8 hrs	13	0%
15	finish phase2		0 days	Fri 02/09/22 8:00 am	Fri 02/09/22 8:00 am	0 hrs	14	0%
16	**phase3**		**2 days**	**Fri 02/09/22 8:00 a**	**Tue 06/09/22 8:00**	**16 hrs**	**15**	**0%**
17	design class diagram	Sulayman	0 days	Fri 02/09/22 8:00 am	Fri 02/09/22 8:00 am	0 hrs		0%
18	sequence diagram	Sulayman	1 day	Fri 02/09/22 11:00 p	Sat 03/09/22 8:00 am	8 hrs	17	0%
19	package diagram	Sulayman	1 day	Mon 05/09/22 11:00	Tue 06/09/22 8:00 a	8 hrs	18	0%
20	finish phase3		0 days	Tue 06/09/22 8:00 a	Tue 06/09/22 8:00 a	0 hrs	19	0%
21	report	Noureddin	1 day	Tue 06/09/22 11:00 p	Wed 07/09/22 8:00 a	8 hrs	20	0%
22	prenetation	Noureddin,Sezen,Sulayman	0 days	Wed 07/09/22 8:00 a	Wed 07/09/22 8:00 a	0 hrs	21	0%
23	project finish		0 days	Wed 07/09/22 8:00 a	Wed 07/09/22 8:00 a	0 hrs	22	0%

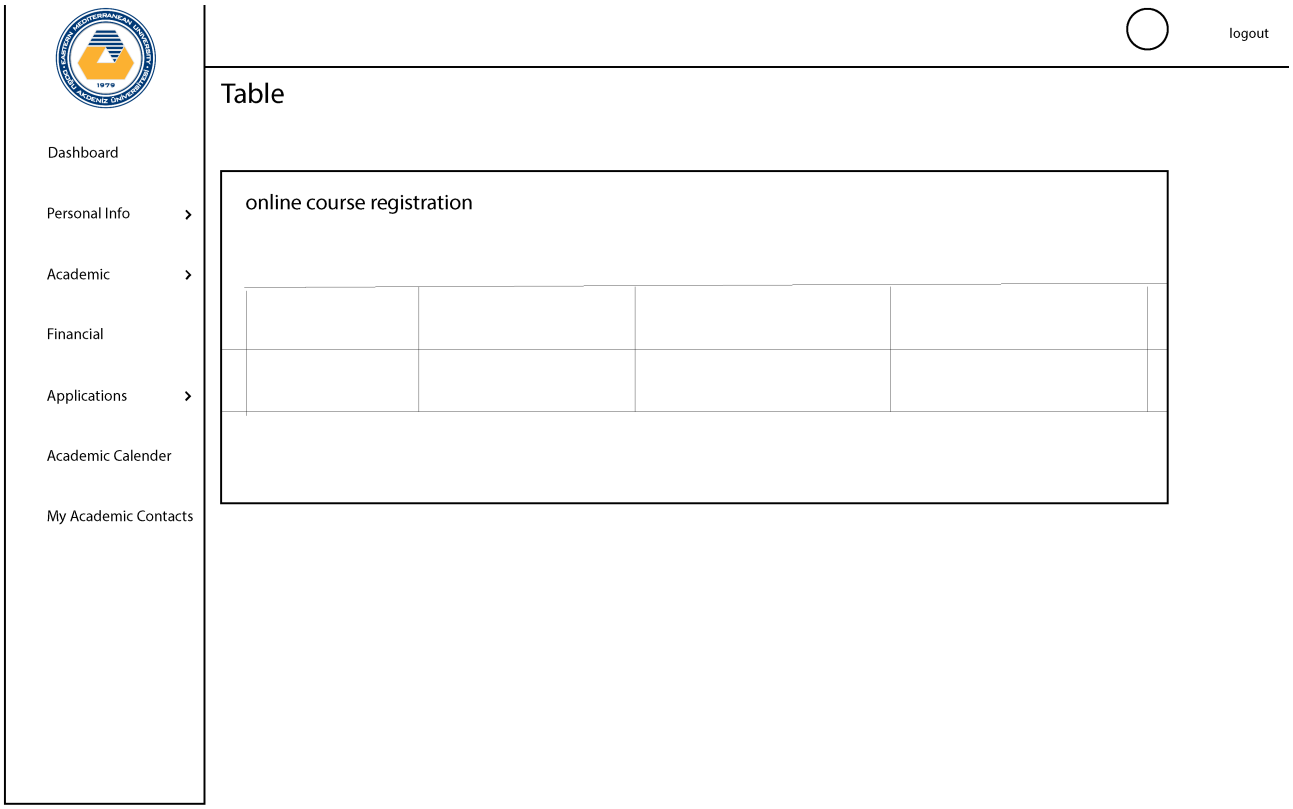


6.Members' tracking system

Name	Phases	Tasks	Date Submitted	Redone (completely) by*
Noureddin	Phase 1	Scope		N/A
	Phase 1	Objectives		N/A
	Phase 1	Benefits		N/A
	Phase 1	Outcomes		N/A
	Phase 1	System requirement documentation		N/A
	Phase 2	Event list & table		N/A
	Extra	Story boarding		N/A
Sezen	Phase 2	Activity diagram		Noureddin & Sulayman
	Phase 2	Use case diagram		Noureddin
	Phase 2	Domain class diagram		Noureddin
	Phase 3	Package diagram		Sulayman
Sulayman	Phase 2	Use case template		N/A
	Phase 2	Navigation diagram		N/A
	Phase 3	Design class diagram		N/A
	Phase 3	Sequence diagram		N/A

8.Extra(storyboarding)





9.References

http://students.emu.edu.tr/

https://applyonline.emu.edu.tr/undergrad/

Lecture notes

Instructor feedback