Admission On   University

Name   : Md Toriqul Islam
Id   : 161-35-1577
19th Batch
Department of Software Engineering
Daffodil International University

Supervised by
 Md. Anwar Hossen
Senior Lecturer
Department of Software Engineering
Daffodil International University

11-09-2019

Project Overview

❖ Admission on University is developed for the student who will be attend public university admission test.

❖ Admission test attend can be who have minimum required (SSC & HSC Examination result).

❖ They will communicate with each other through our application.

❖ User can make live communication under any test.

❖ User can be incurred for any public university admission test of Bangladesh.

❖ Admission on University is basically a web application which is currently built for online platform.

❖ Track of university admission test over all university's.

Problem description

❖ We have to struggle a lot to getting sturdy on public university.

❖ All public university's published admission test schedule. Most often same season.

❖ Therefor we saw that two university's admission test established same day or one day up and down.

❖ Which student live in far way they cannot be sure where attend the test.

Object

❖ Making online system where student can be know admission information all public university.

❖ Building communication between the student and informer teachers.

❖ We provided to suggestion where is the best place of required student.

❖ We are tracking university admission test and given there.

❖ So, The our motive is to create a online place where student can apply admission over all public university.

Use Case Diagram

Fig: Use Case diagram
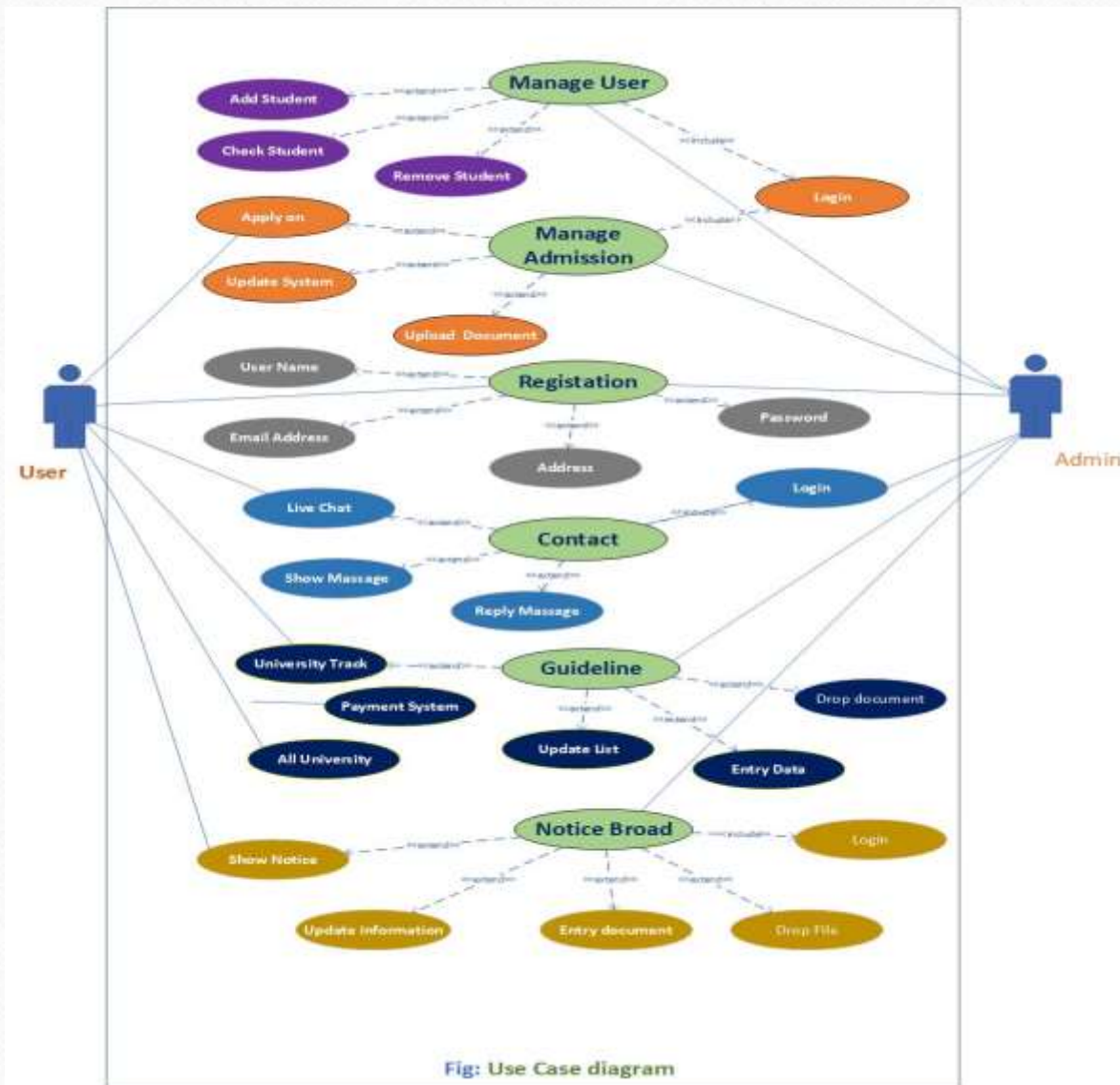
Use case description & Activity diagram

1.1: Use case description

Use Case Name :Manage user
Goal :Admin Monitor all the user
Requirement type :FR
Priority :H
Actor: Admin

Pre-condition:
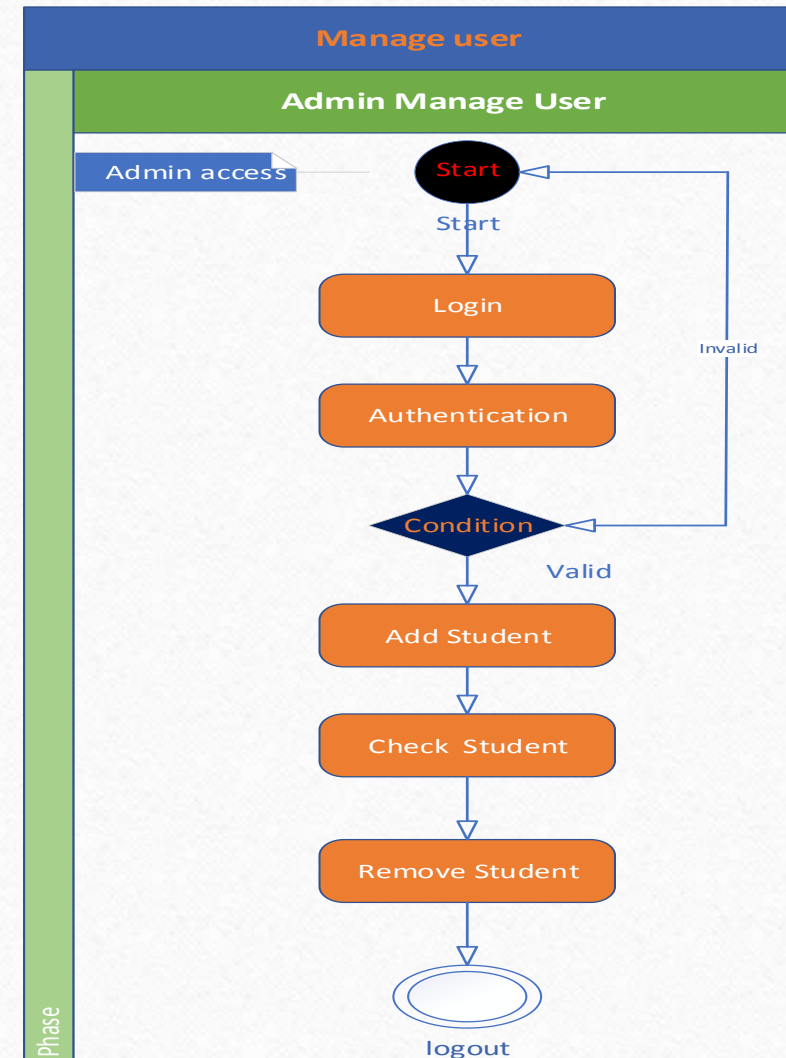Student must be an account.
Admin Login the portal.
Post- condition:
1. Success-end: Show account.
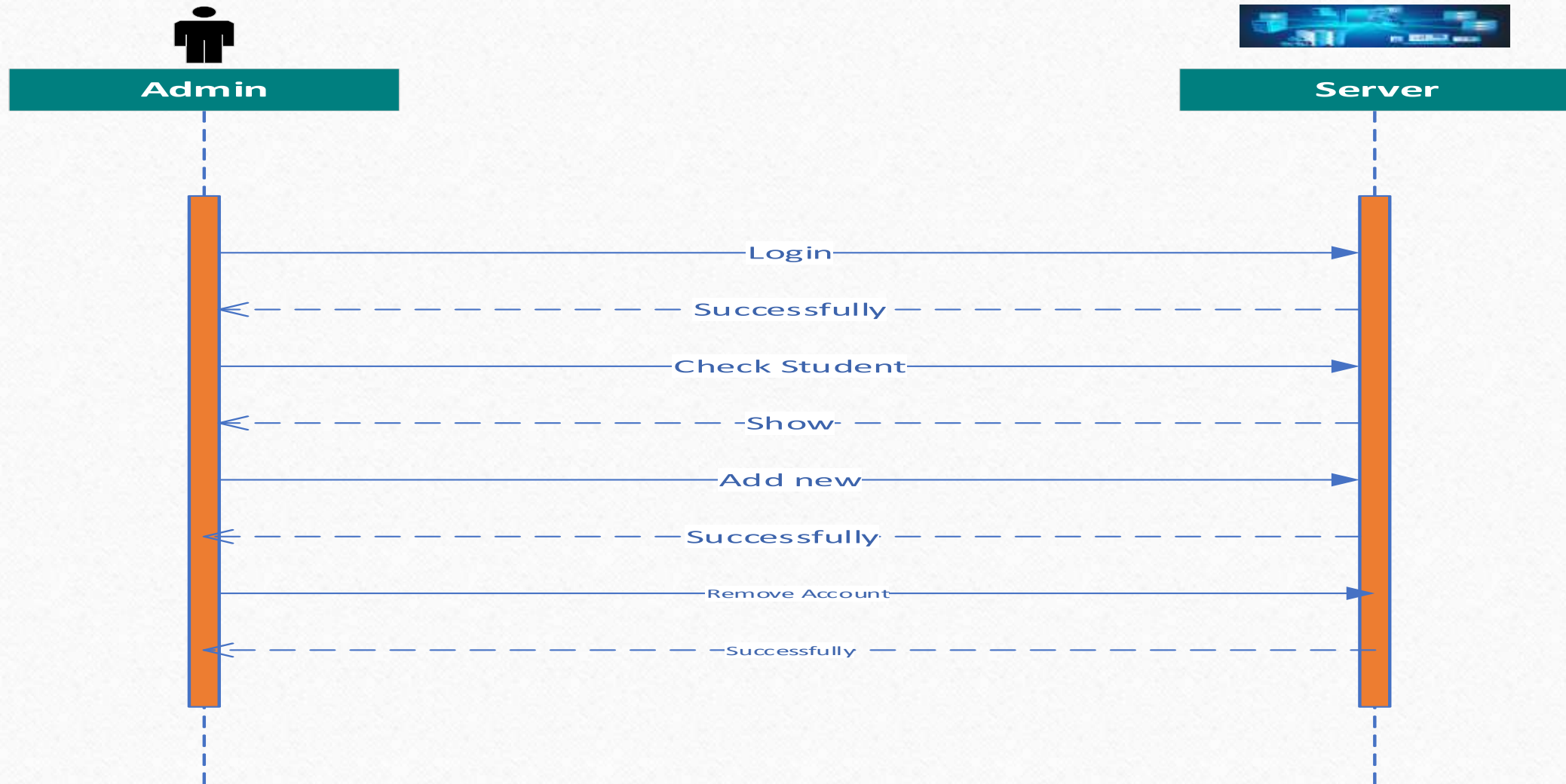2. Failure-end: cannot user list.

Trigger: List.

Main Success & Alternative scenario:

Success scenario	Alternative scenario
Admin view register user	Same User double account show
Disable unnecessary account	Can not find out which account disable

Manage user

Admin Manage User

Admin access — Start → Start → Login → Authentication → Condition → Add Student → Check Student → Remove Student → logout

Invalid / Valid

Phase

Sequence diagram

Admin — Server

Login →

← Successfully

Check Student →

← Show

Add new →

← Successfully

Remove Account →

← Successfully

Use case description & Activity diagram

2.1: Use case description

- **Use Case Name :** Manage Admission
- **Goal :** Student apply on admission
- **Requirement type** :FR
- **Priority** :H

  Actor:
  > **Primary:** Admin
  > **Secondary:** Student

- **Pre-condition:**
  > : User must be an account
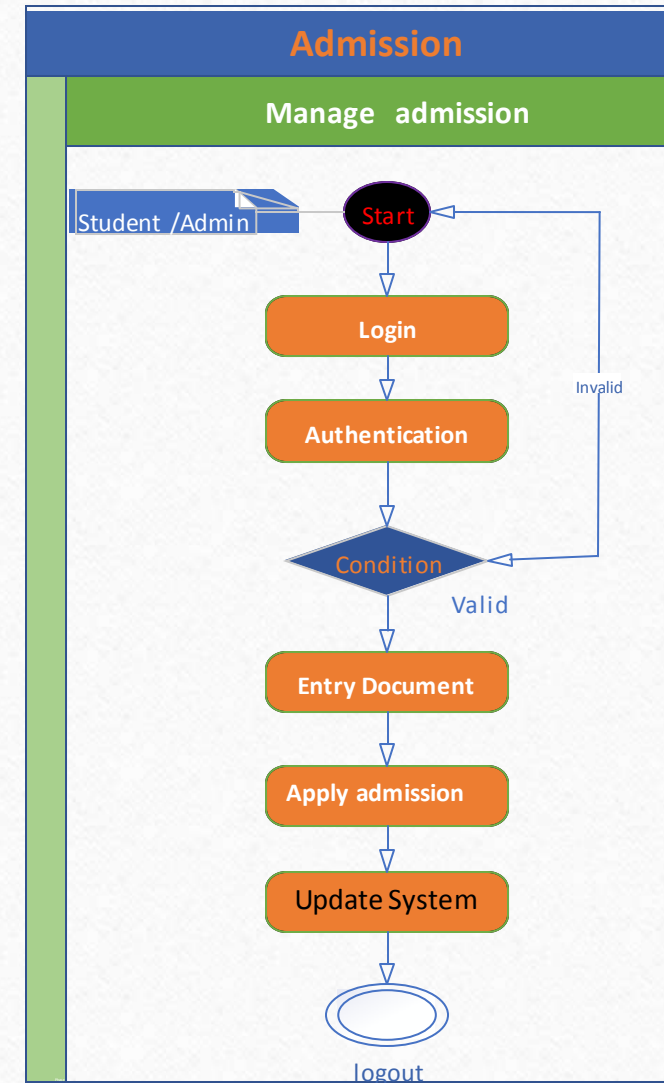 > Admin, Student login the portal

  Post- condition:
1. Success-end: Show document file
2. Failure-end: If Verification is not valid
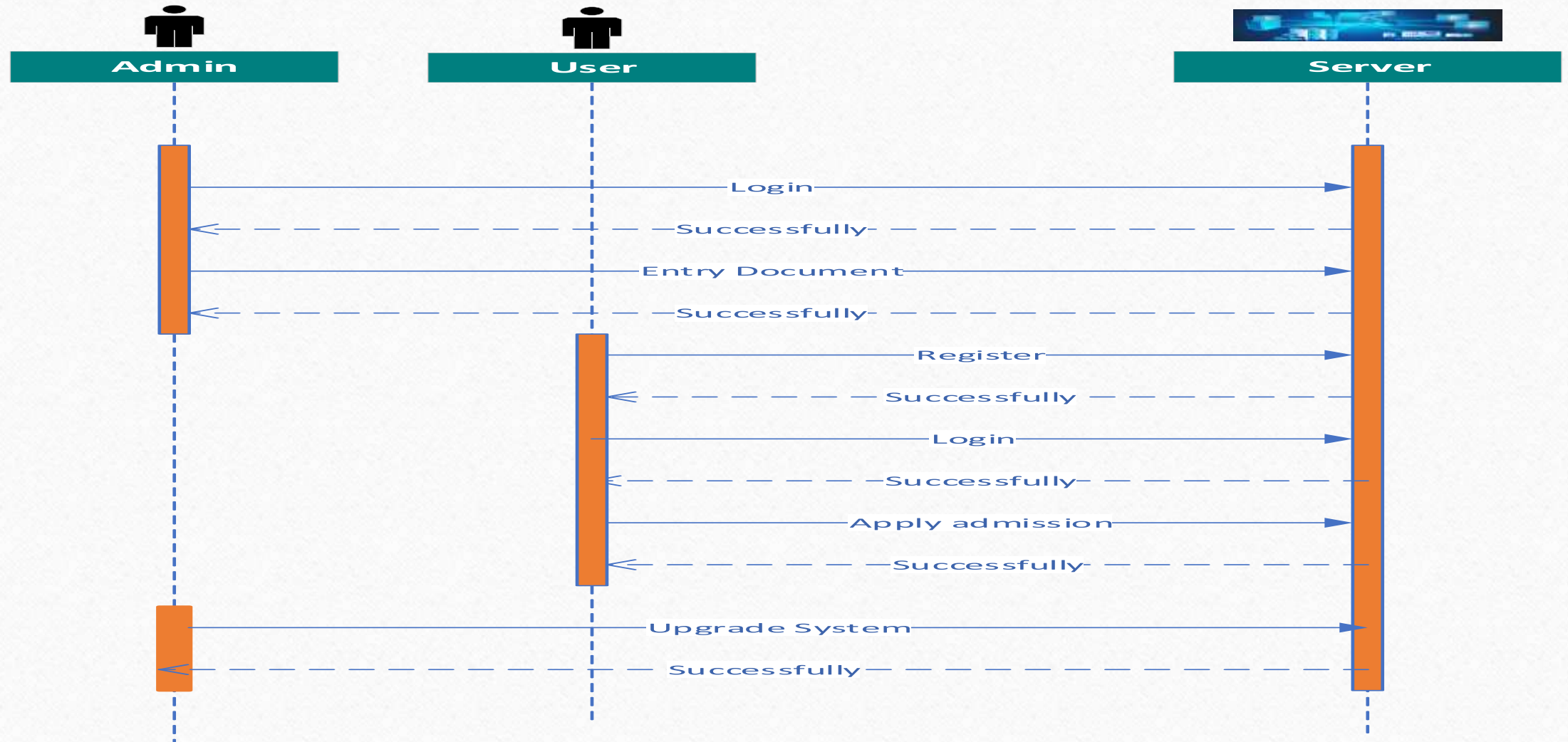
  Trigger: Admission

Main Success & Alternative scenario:

Success scenario	Alternative scenario
User successfully applies on admission	Same User double account show
All information fill up & submit to server	Cannot submit file if this file is not valid

Admission

Manage admission

Student /Admin | Start

Login

Authentication

Invalid

Condition

Valid

Entry Document
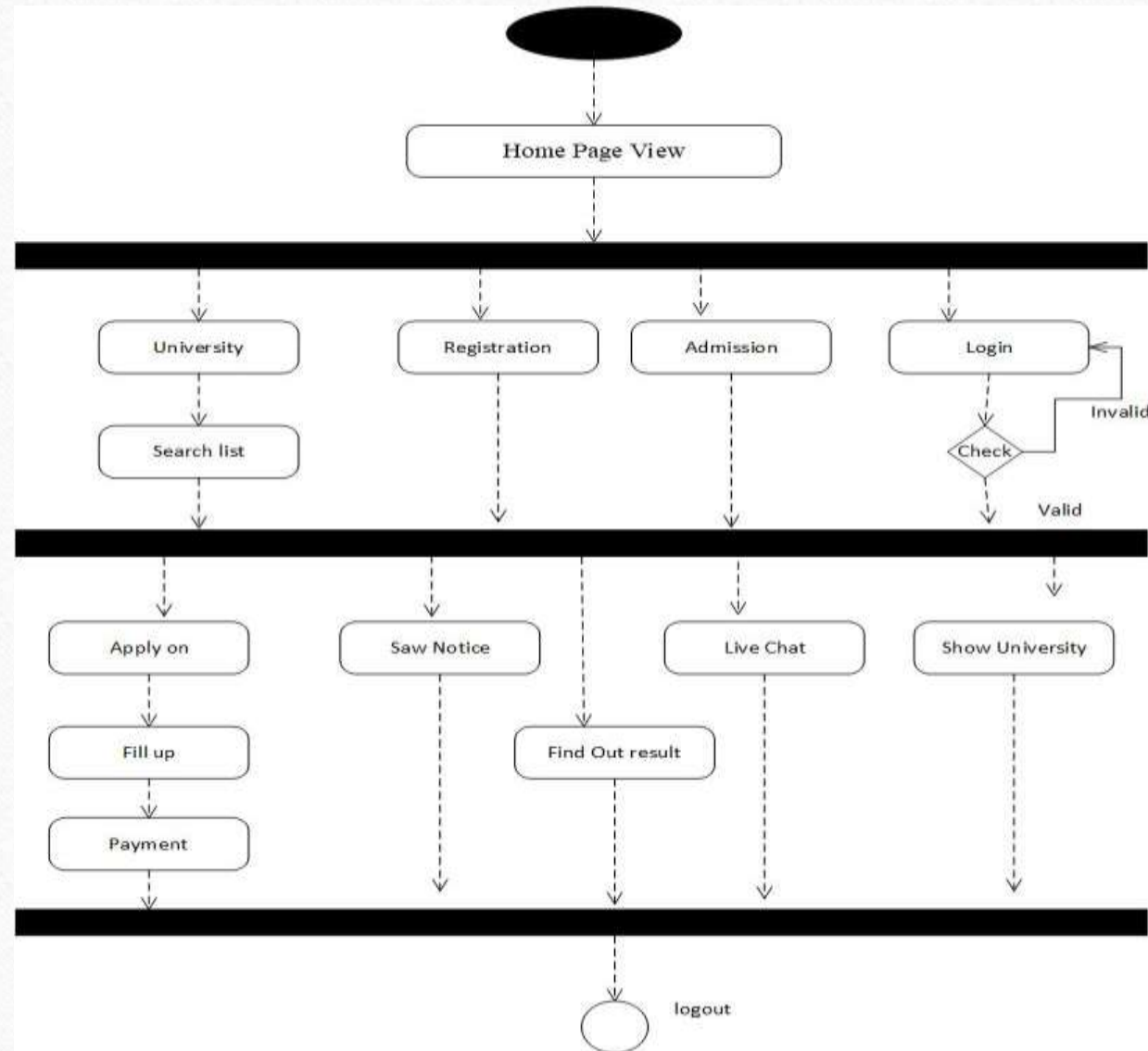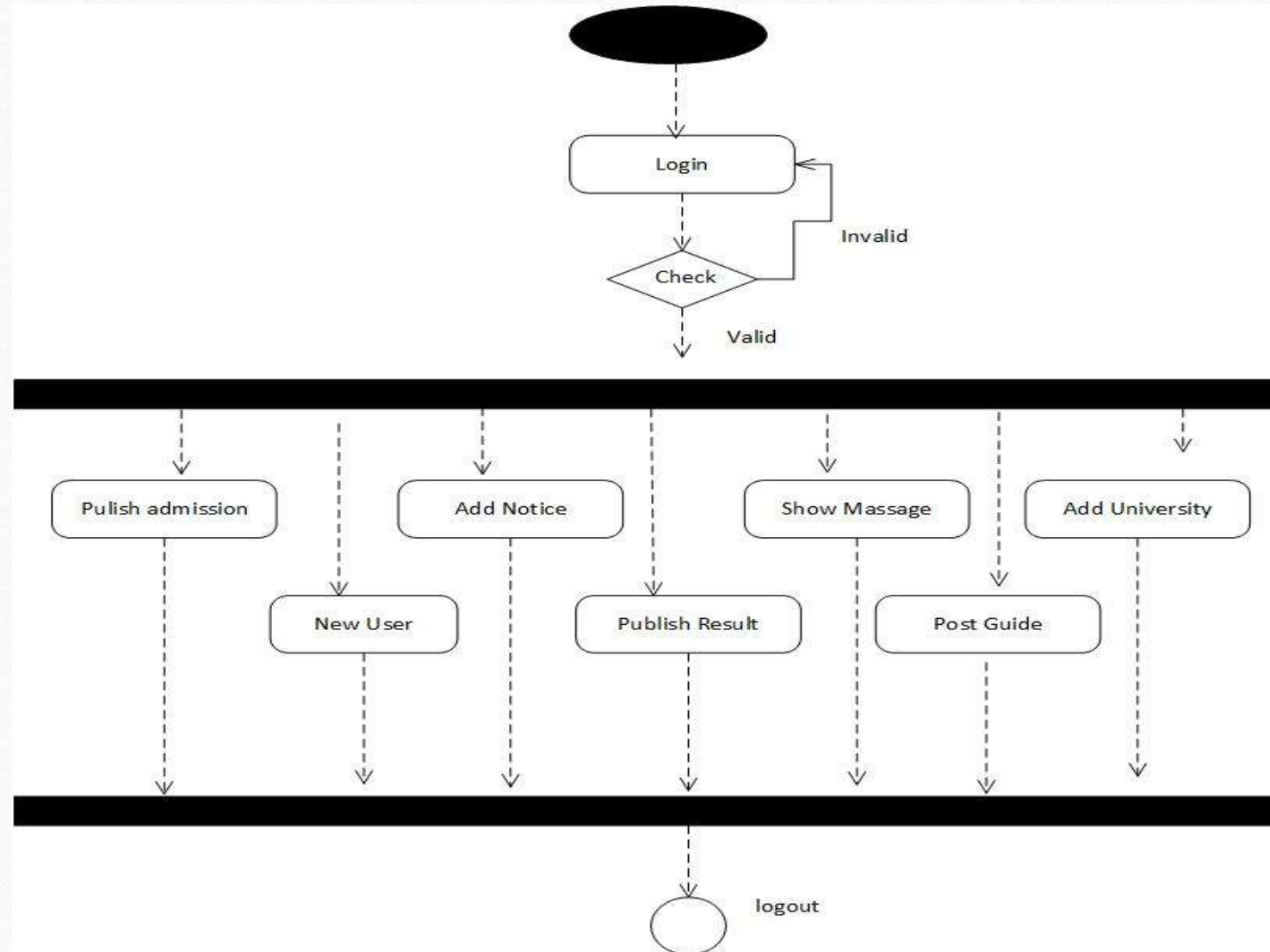
Apply admission

Update System

logout

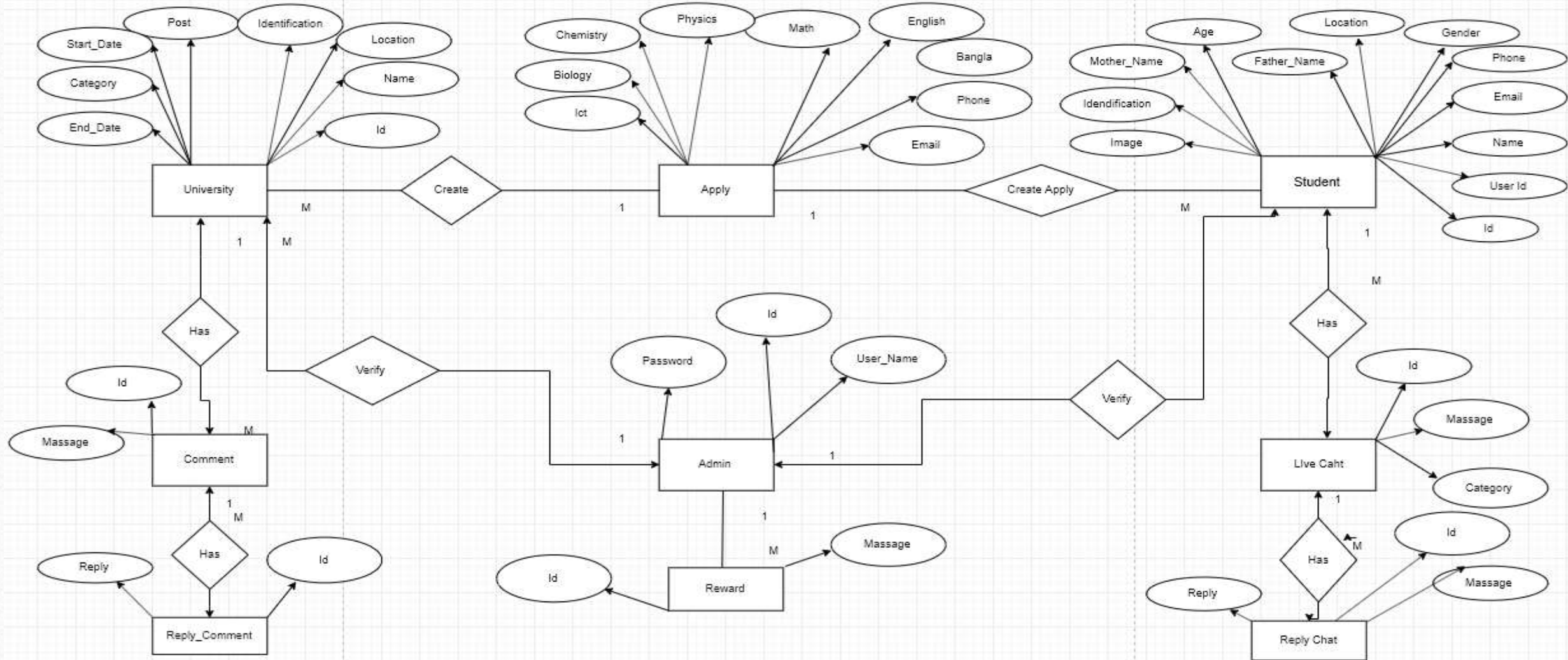# Sequence diagram

Activity diagram

Activity diagram for admin

Activity diagram for Student
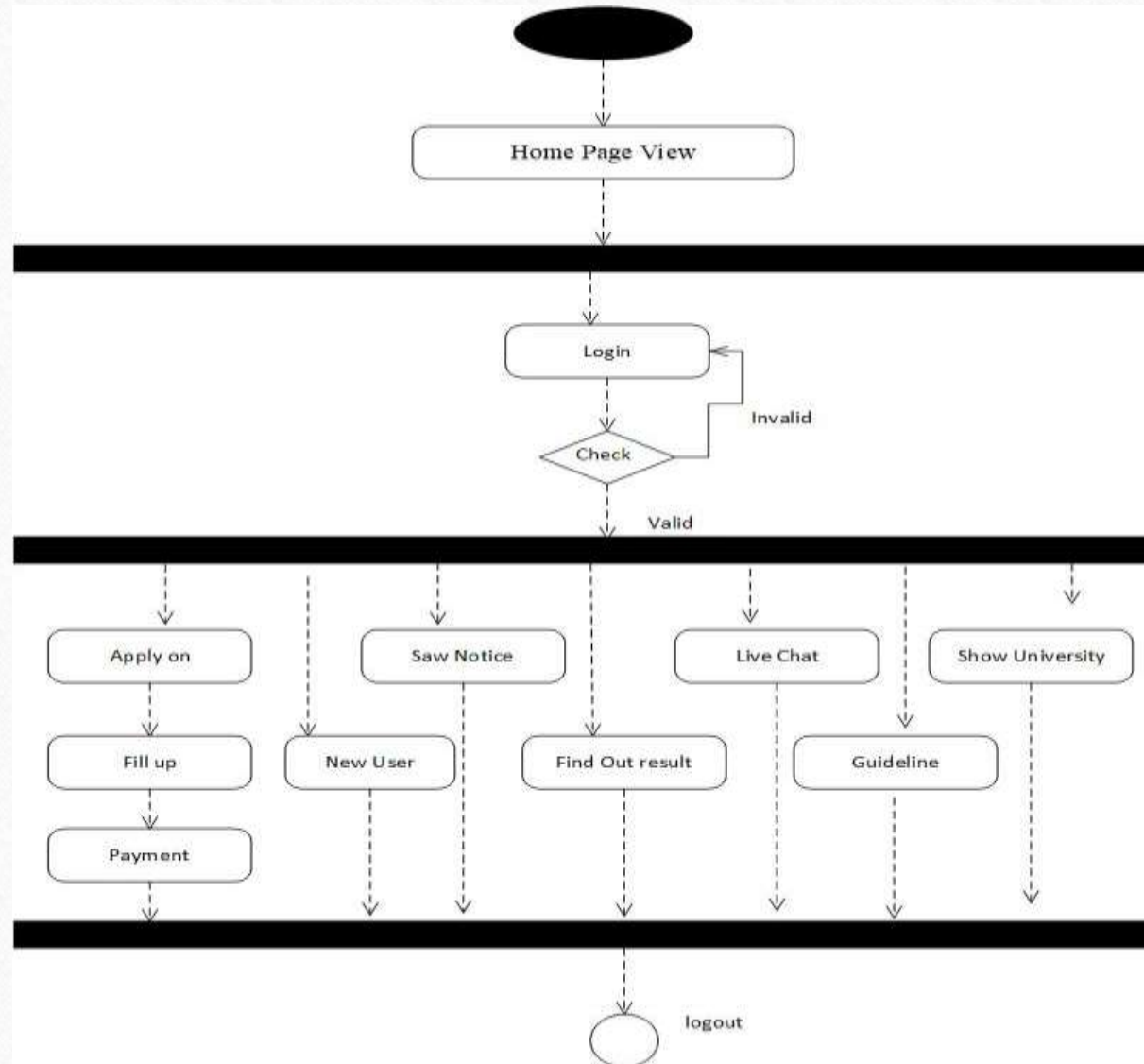
ER- diagram

Registration Test Cases

Id	ACTION	Input	Expected Result	Actual Result	Pass/Fail	Code module
1	Sign up	First name: Toriqul Last name: Islam Username: Toriqul35 Password: T200cr7 Email:to@gmail.com Gender: Male Location: Dhaka Phone number:0175615afc	Show error message phone number is invalid	Showing error message phone number is invalid	Pass	Models
2.	Sign up	First name: Toriqul Last name: Islam Username: Toriqul35 Password: 200cr7 Email: Gender: Male Location: Dhaka Phone number: 01707518	Show error message email field required	Showing error message email filed required	Pass	Models
3.	Sign up	First name: Toriqul Last name: Islam Username: Toriqul35 Password: to200cr7 Email:tto@gmail.com Gender: Male Location: Dhaka Phone number:01707518	Signup Successful	Showing success message	Pass	Models

Login Test Cases

Id	ACTION	Input	Expected Result	Actual Result	Pass/Fail	Code module
1	Login	User name: Toriqul35 Password: abch20	Show error message password don't match	Showing error message password don't match	Pass	Models
2.	Login	User name: Toriqul35 Password: to200cr7	Login successful	Showing success message	Pass	Models
3.	Login	User name: Toriqul35 Password: to200cr7	Login successful	Showing success message	Pass	Models

Software Requirements Specification

SRS ID	SRS Name	SRS Description	SRS Type	Priority
FR-01	Web-based system	This is a web-based system.	FR	H
FR-02	Online registration	There must have Opportunity for registration in online	FR	H
FR-03	Log in	Admin will log in by specific username, password & customer will log in by their registered username, password.	FR	H
FR-04	Verify register Student	System admin can able email to verify the registered Customer.	FR	M
FR-05	Apply on University	There have opportunity of giving admission on University for registered Customers.	FR	L
FR-06	Admin-Student common blog	There have a common blog for communicating Admin & Student	FR	H
FR-07	Payment	Student have opportunity to payment for admission fee	FR	H
FR 08	Review Result	Student have opportunity to payment on admission	FR	H

Project Manage

Gantt Chart

Gantt Chart with Subtasks

ID	Task Name	Start	Finish	Duration	Sep 2019				Oct 2019				Nov 2019				Dec 2019		
					1/9	8/9	15/9	22/9	29/9	6/10	13/10	20/10	27/10	3/11	10/11	17/11	24/11	1/12	8/12	15/12
1	Planning	9/2/2019	9/18/2019	104h																
2	Idea & Problem definition	9/2/2019	9/5/2019	32h																
3	Proposal Planning	9/6/2019	9/10/2019	24h																
4	Requirements	9/11/2019	9/20/2019	64h																
5	Quality Assurance	9/23/2019	9/27/2019	40h																
6	System Design	10/1/2019	10/22/2019	128h																
7	Use case & Use case description	10/1/2019	10/3/2019	24h																
8	Sequence & Activity diagram	10/4/2019	10/9/2019	32h																
9	Uml class & database design	10/10/2019	10/11/2019	16h																
10	UI/UX Design	10/14/2019	10/21/2019	48h																
11	Implementation Audit Module	10/22/2019	11/14/2019	144h																
12	Implementation User Module	11/15/2019	12/10/2019	144h																
13	Testing Unit	12/11/2019	12/13/2019	24h																
14	Blackbox testng	12/16/2019	12/18/2019	24h																
15	Release	12/19/2019	12/19/2019	8h																

System Model & *Milestone*

Fig : System Model

Project Start

Check point 2

Release

11-09-19

30-11-19

02-09-19

10-10-19

18-12-19

Check point 1

Check point 3
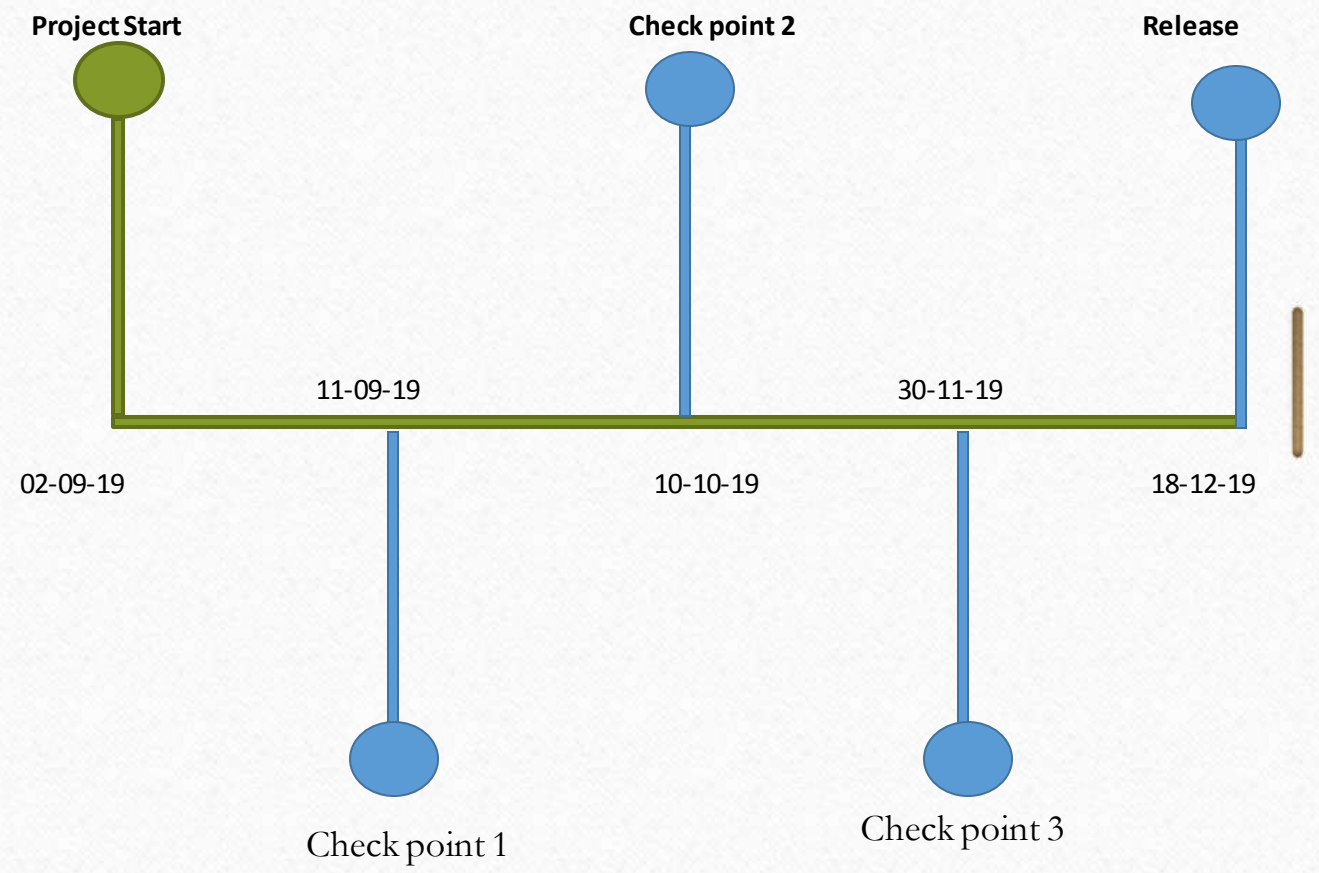
Fig : Milestone

Interface

Interface

Search : [All Study Levels ▾] [Subject of interst ▾] [Study Destinatio ▾] [Go]

Log In

Live Chat

Contact

Feadback

No	University	Contact	District	Link
1	University of Dhaka	02-8618383, 02-8615177	Dhaka	DU
2	University of Chattogram	031-716552	Chittagong	CU
3	University of Barishal	0431-2177431	Barishal	BU
4	Jahangirnagar University	02-7791045-51	Dhaka	JU
5	University of Rajshahi	0721-750041-49	Rajshahi	RU
6	Jagannath University	02-7119731	Dhaka	
7	Cumilla University	01556-980998, 0155-6426446	Cumilla	CU
8	Bangladesh Agricultural University	091-67401-06	Mymensingh	BAU
9	Bangladesh University of Engineering and Technology	02-9665650-80	Dhaka	BUET
10	Shahjalal University of Science and Technology	0821-713491	Sylhet	SUST

Interface

Daffodil International University

Log In

No	University	Title	Date	Download
1	Du	Admission Test	1-01-19	Download
2				
3				

Live Chat

Contact

Feedback

Payment Instruction

Unit	Facaulty	Fee
Unit B	Buisness Studies	726
Unit A	Arts	1254
Unit C	Science	1254
Unit D	Agriculture	990
Unit E	Law	1122

Log In

Live Chat

Contact

Feadback

আবেদন ফি প্রদানের প্রক্রিয়া

রাজশাহী বিশ্ববিদ্যালয়ে ১ম বর্ষ সম্মান ২০১৮-১৯ ভর্তি পরীক্ষার জন্য অনলাইনে আবেদন করার পর প্রাপ্ত স্লিপে প্রদত্ত Bill Number ব্যবহার করে ডাচ-বাংলা মোবাইল ব্যাংকের মাধ্যমে সর্বমোট ফি নিয়ে উল্লেখিত পদ্ধতিতে প্রদান করার মাধ্যমে আবেদন নিশ্চিত (Confirm) করতে হবে। সংশ্লিষ্ট ফি প্রদান ব্যতিত আবেদন সম্পন্ন হবে না।
ডাচ-বাংলা মোবাইল ব্যাংকের মাধ্যমে ফি প্রদান পদ্ধতি

Step-1:   ডায়াল *322# ।
Step-2:   "1. Payment" অপশন সিলেক্ট করতে হবে।
Step-3:   "1. Bill Pay" অপশন সিলেক্ট করতে হবে।
Step-4:   "2. Other" অপশন সিলেক্ট করতে হবে।
Step-5:   "Enter Payer Mobile No." এর স্থলে প্রার্থীর মোবাইল নম্বর দিতে হবে।
Step-6:   Enter Biller ID. এর স্থলে '377' টাইপ করতে হবে।
Step-7:   Enter Bill Number এর স্থলে অবশ্যই স্লিপে প্রদত্ত Bill Number টি প্রদান করতে হবে।

User Interface Technology:

Angularjs/Asp.net core framework

We have used Angular in this project for outer design as front-end language. Its quite compatible with Asp.net core framework

Implementation Tools & Platforms

Microsoft Visual Studio:

Visual Studio: It is a sophisticated text editor for code, markup and prose. It's a editor made by python#, Java script, Dot net. Though we have written code in C# the editor is best to choose. It's very light to keep in devices.

Sql Server 2017