.Design Document

for

Clubs IITK

Version <1.0>

Prepared by

Group #: 13   **Group Name: Avengers**

V.Krishna Sai	**190940**	**vksai@iitk.ac.in**
Banavathu Meena	**190224**	**meenab@iitk.ac.in**
Siripuram Rahul	**180766**	**rahulsm@iitk.ac.in**
Ganji Bhavani	**190330**	**bhavani@iitk.ac.in**
K.Manoj Kumar	**190416**	**manojkmk@iitk.ac.in**
P.V.Sri Lekha	**190657**	**srilekha@iitk.ac.in**
Kindinti Uday Kiran	**190434**	**kindinti@iitk.ac.in**
Bashaboyna Vasavi	**190228**	**vasavi@iitk.ac.in**
Indrani Nekkili	**180304**	**indrani@iitk.ac.in**
Deesari Ganesh	**190266**	**dsdgdora@iitk.ac.in**

Course: **CS253A**

Mentor TA: **Aishwarya**

Date: **15th February 2022**

Revisions

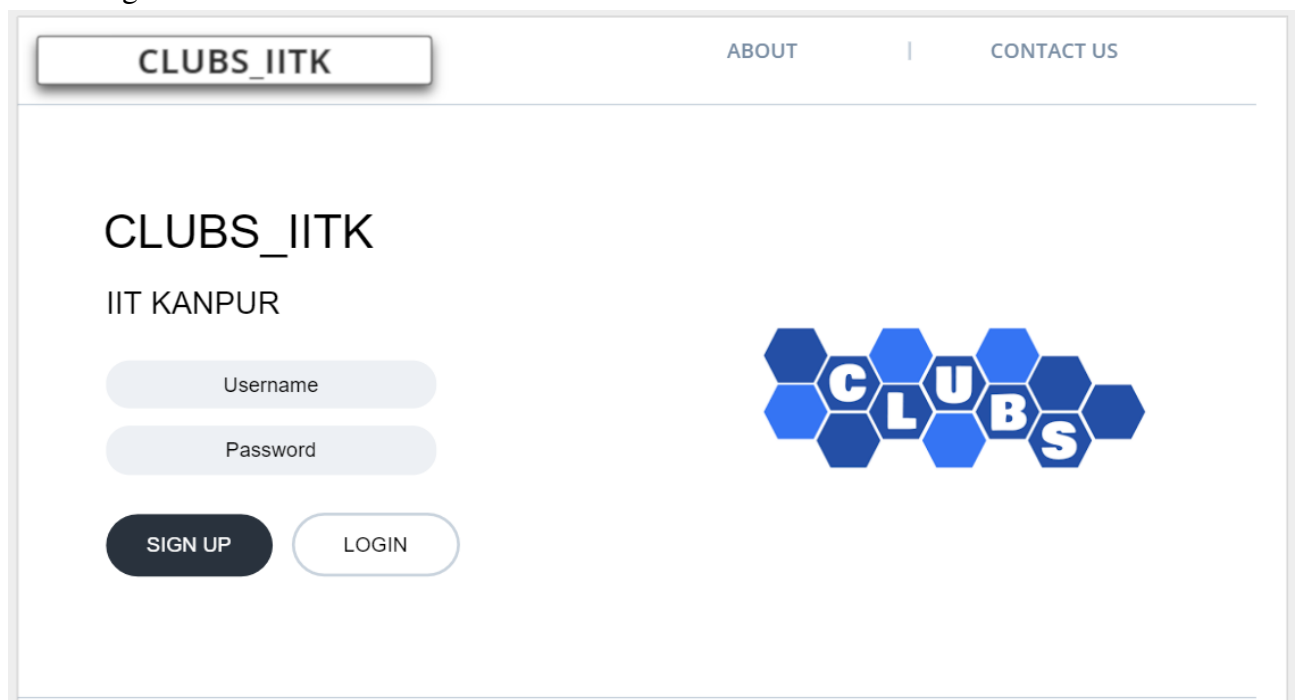| Version	Primary Author(s)	Description of Version	Date Completed
1.0	V.Krishna Sai Banavathu Meena Siripuram Rahul Ganji Bhavani K.Manoj Kumar P.V.Sri Lekha Kindinti Uday Kiran Bashaboyna Vasavi Indrani Nekkili Deesari Ganesh		13/02/22

1 Context Design

1.1 Context Model
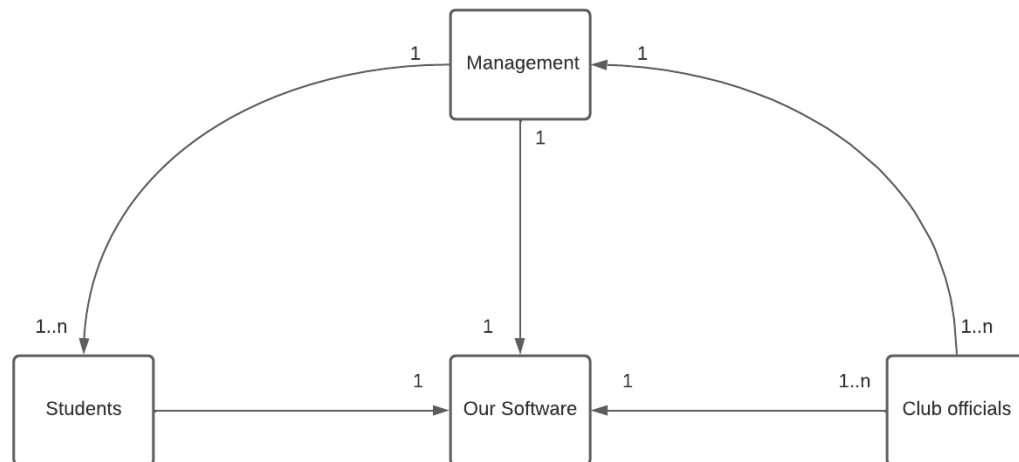
1.2 Human Interface Design

Home Page:

Student Profile Page:

CLUBS_IITK

STUDENT PROFILE

NAME:
ROLL NO:
EMAIL:
DEPARTMENT:
CONTACT NO:

STUDENT PHOTO

CLUBS PARTICPATED

CLUB NAME	POSITION
CLUB-1	Secretary
CLUB-2	Co-Ordinator
CLUB-3	Member

EVENTS HE/SHE PARTICIPATED

EVENTS	ROLES
Antaragni	-
Techkriti	-
Udhgosh	

CLUBS_IITK

🔍 Search　　　　STUDENT NAME　　NP

UPCOMING EVENTS

- Here we can see the some upcoming events of all the clubs

CLUB-1

Information about club-1

ACCESS

CLUB-2

Information about club-2

ACCESS

CLUB-3

Information about club-3

ACCESS

CLUB-4

Information about club-4

ACCESS

CLUB-5

Information about club-5

ACCESS

CLUB-6

Information about club-6

ACCESS

CLUB-7

Information about club-7

ACCESS

CLUB-8

Information about club-8

ACCESS

Events Page:

2 Architecture Design

Web Browser

Login   Role checking   Events and menu manager   Data Validation

Security Management   Club info.   Data import   Report
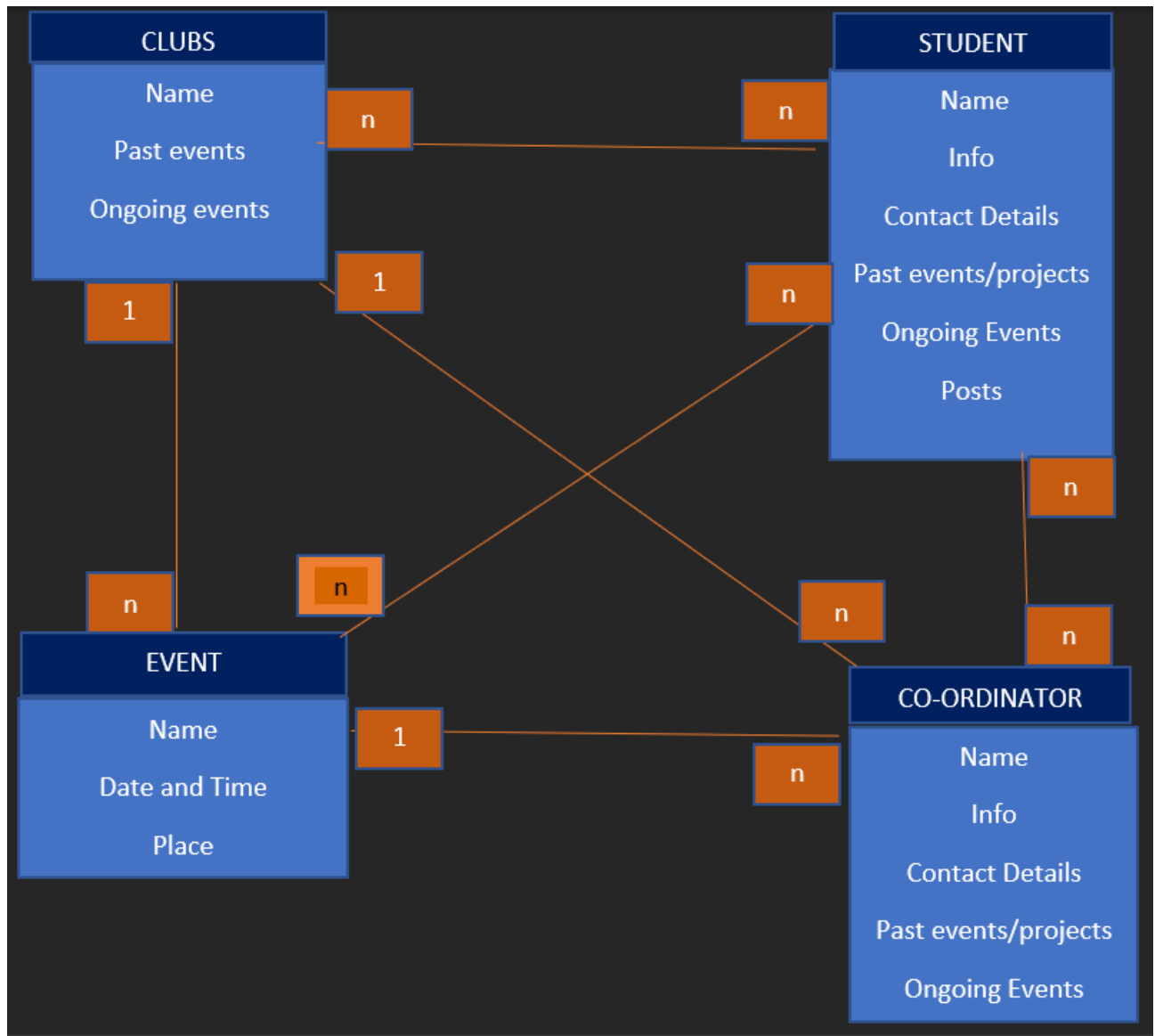   Manager   and export   Generation

Database of all clubs and students.

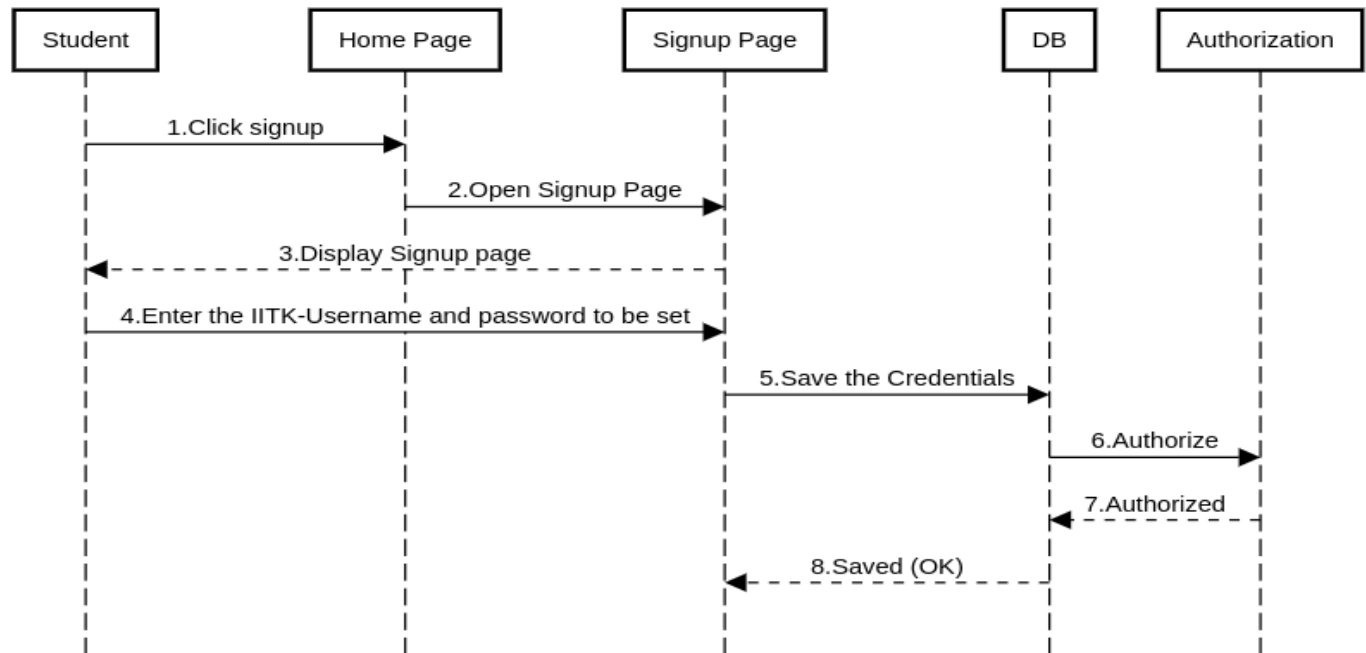# 3 Object Oriented Design

3.1 Use Case Diagrams
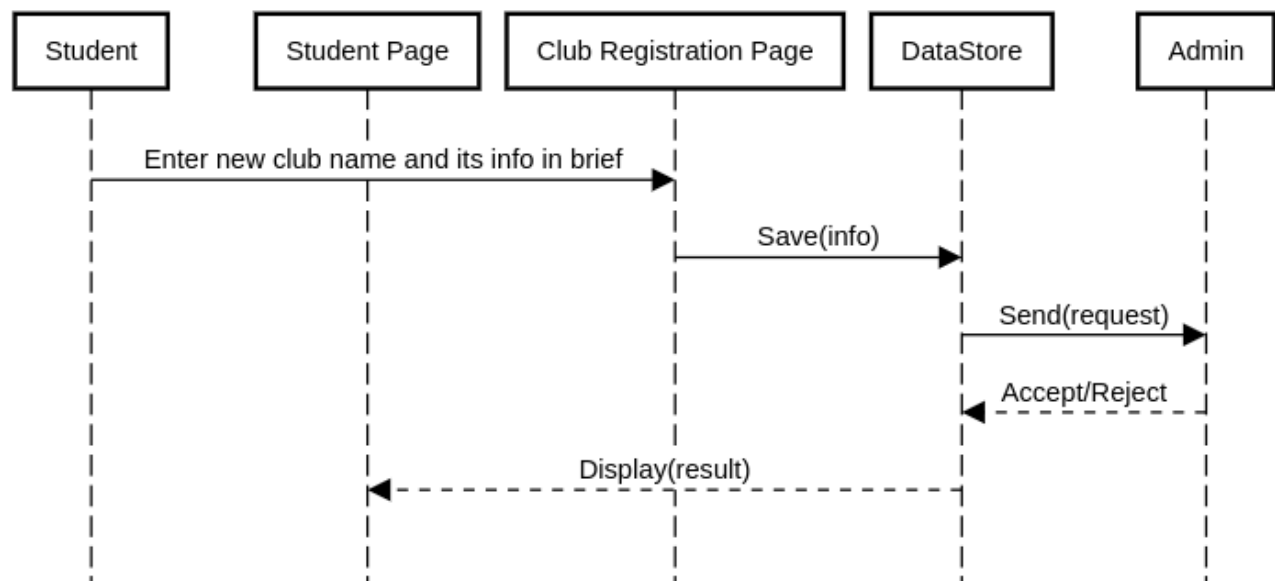
3.2 Class Diagrams

3.3 Sequence Diagrams

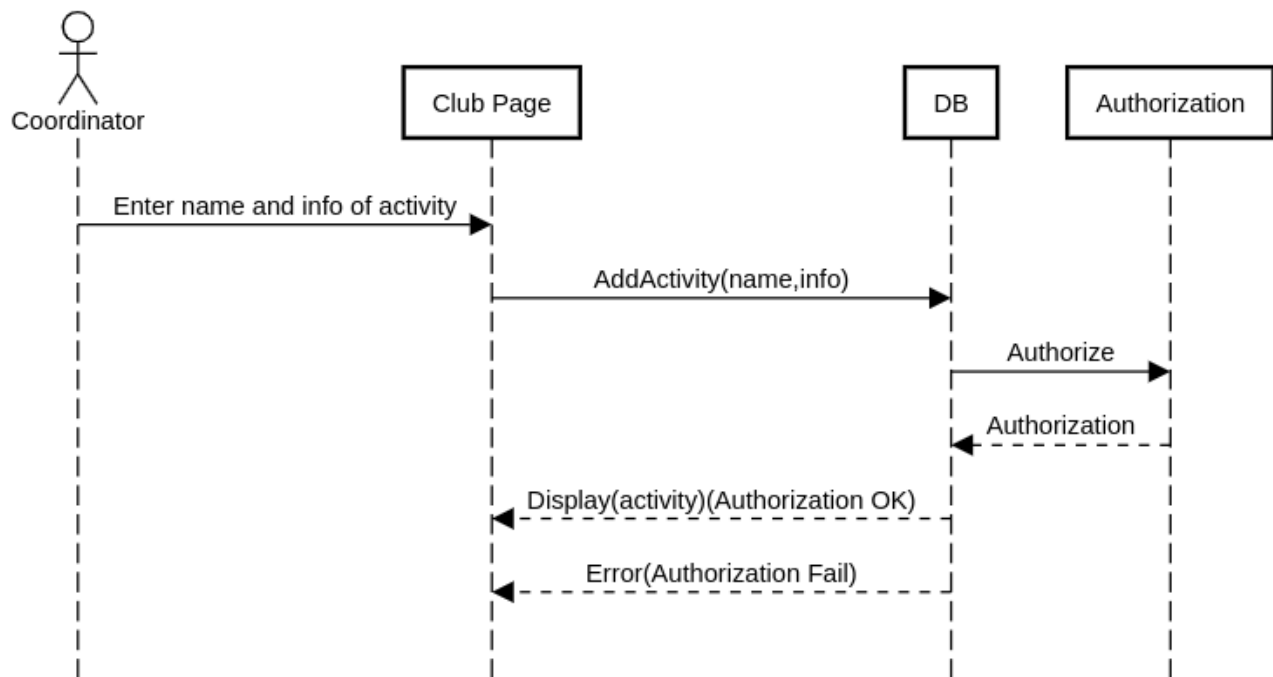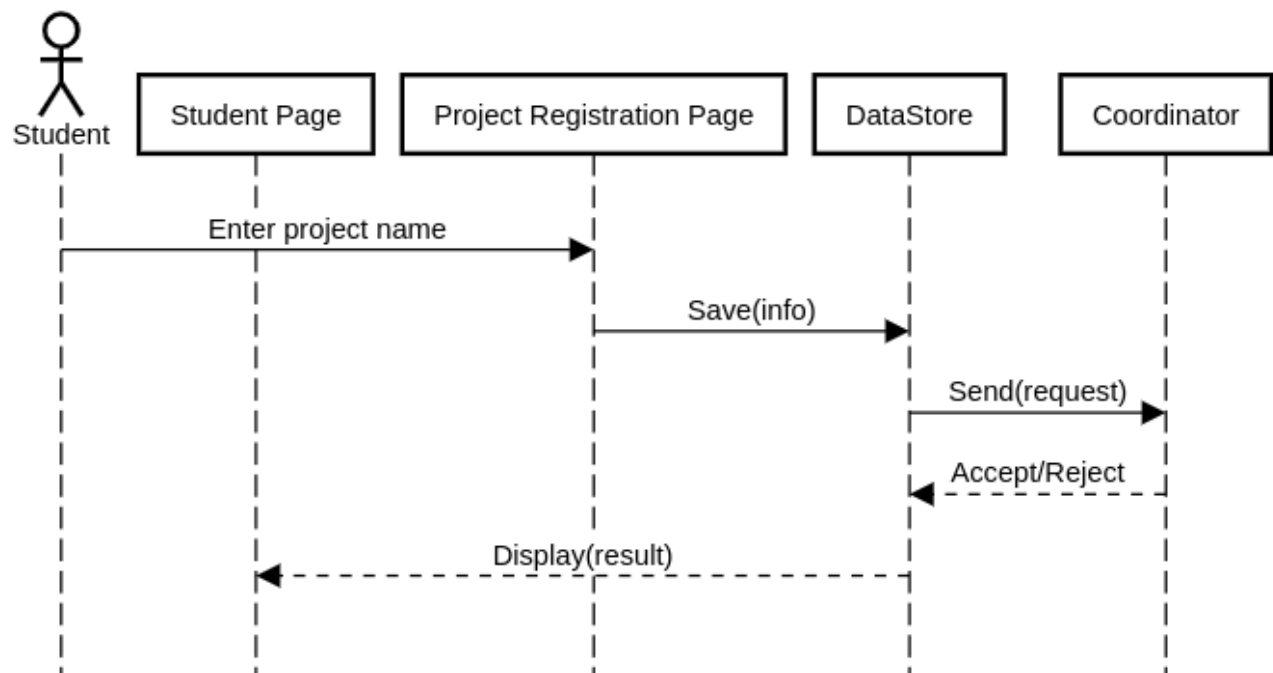### Signup page for Clubs IITK
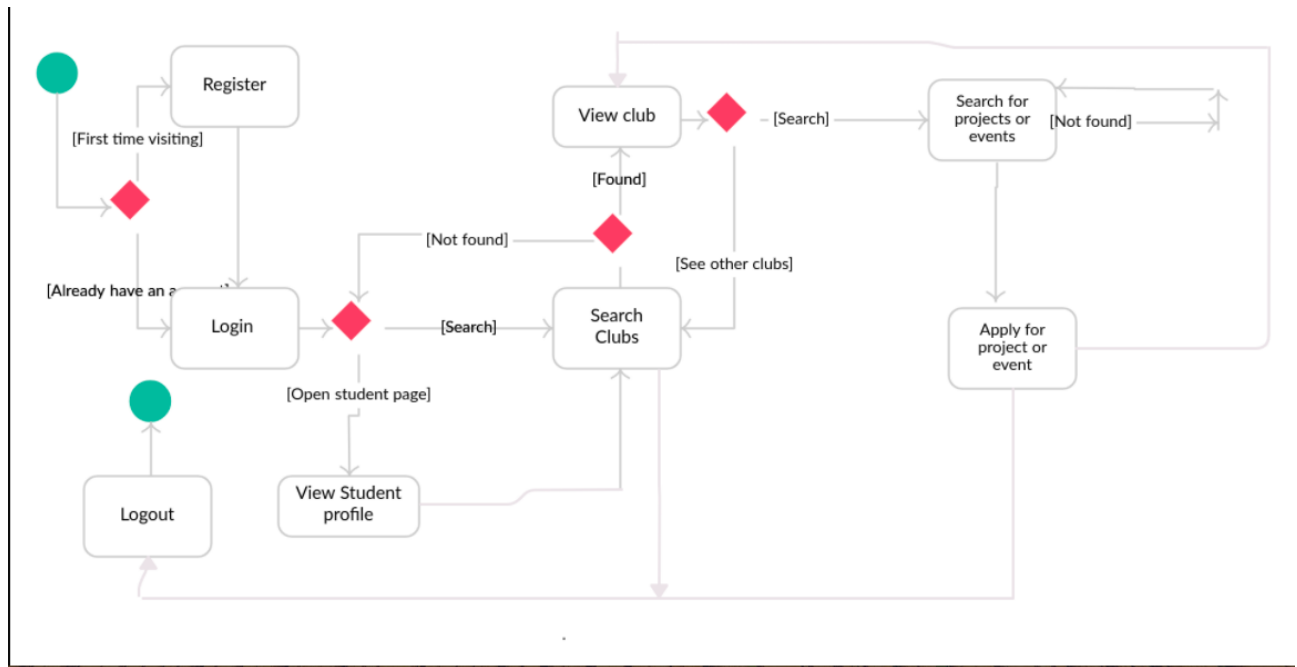

Club registration sequence diagram

Sequence diagram to add a club activity

Project registration sequence diagram

3.4 State Diagram:

4   Project Plan

ID	Task Name	Start Date	End Date	Duration (In Days)	Work Distribution
1	**Project Requirements**	17/1/2022	1/2/2022	16	
1.1	Requirement generation	17/1/2022	30/1/2022	14	190940-190224-180766
1.2	Analysis	21/1/2022	30/1/2022	10	190434;190228;180304
1.3	Documentation	25/1/2022	1/2/2022	7	190330;190416 ;190657;190266
2	**Object Oriented Design**	2/2/2022	15/2/2022	14	All members
2.1	Design-Document	2/2/2022	15/2/2022	14	All members
3	**Project Implementation**	27/2/2022	13/3/2022	14	All members
3.1	Main Page(Front end)	27/2/2022	13/3/2022	14	190266-180766
3.2	Student Page(Front End)	27/2/2022	13/3/2022	14	190224
3.3	Club Page(Front End)	27/2/2022	13/3/2022	14	190657-180304
3.4	Code implementation	27/2/2022	13/3/2022	14	190940-190434-190330-190228
4	**Project testing**	27/2/2022	27/3/2022	13	All members
4.1	Unit Testing	27/2/2022	13/3/2022	14	190228-190657
4.2	Integration Testing	27/2/2022	13/3/2022	14	190940-190416
4.3	System Testing	14/3/2022	27/3/2022	13	190434-190330
4.4	Preparation for beta testing	14/3/2022	27/3/2022	13	180766-190266
4.5	Security Testing	14/3/2022	27/3/2022	13	180304-190657
5	**Beta test report**	28/3/2022	10/4/2022	14	All members
5.1	Code improvement	28/3/2022	10/4/2022	14	190940-190434-190330-190228-190416
5.2	Beta testing of some other proj	28/3/2022	10/4/2022	14	190224-190266-180766-180304-190657

5 Other Requirements

Appendix A - Group Log

Our team has always been enthusiastic about doing the project.
We have held meetings to discuss the ideas and how to do the project.

Meet Timings	Worked on
8th Feb, 6 pm to 7 pm	Discussed the work and divided among us
10th Feb, 6 pm to 8 pm	Discussed the progress of the work
11th Feb, 7 pm to 8 pm	Discussed and edited the mistakes done
13th Feb, 7 pm to 8 pm	Made the project plan chart
15th Feb, 10 pm to 11:30 pm	Finalized the document and submitted