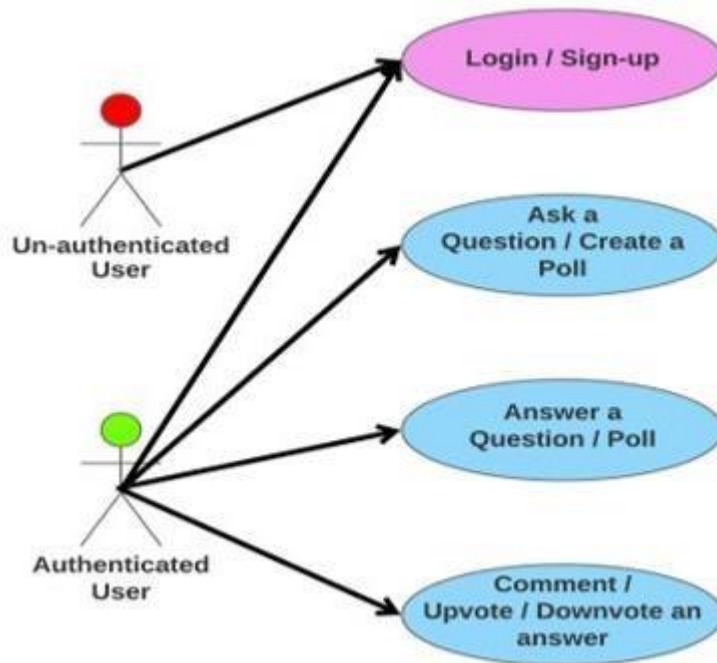
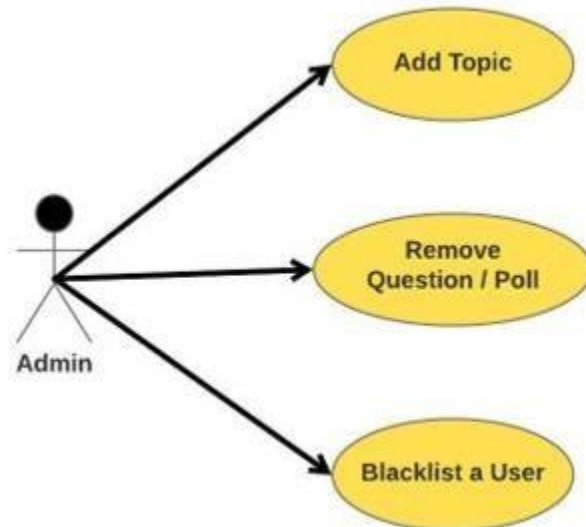


1. Use Cases

1. Use Cases I - User

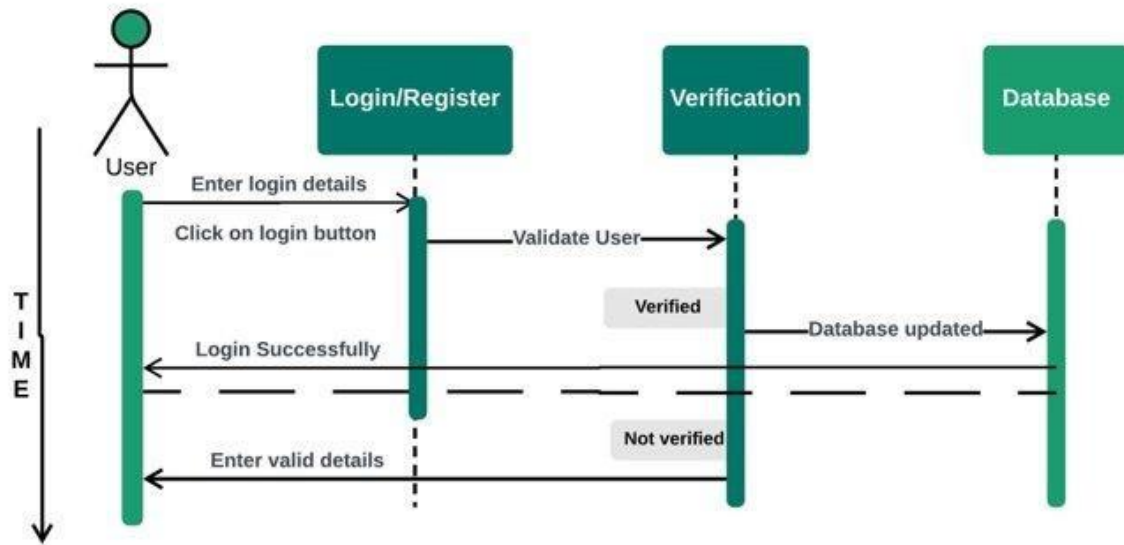


2. Use Case II - Admin

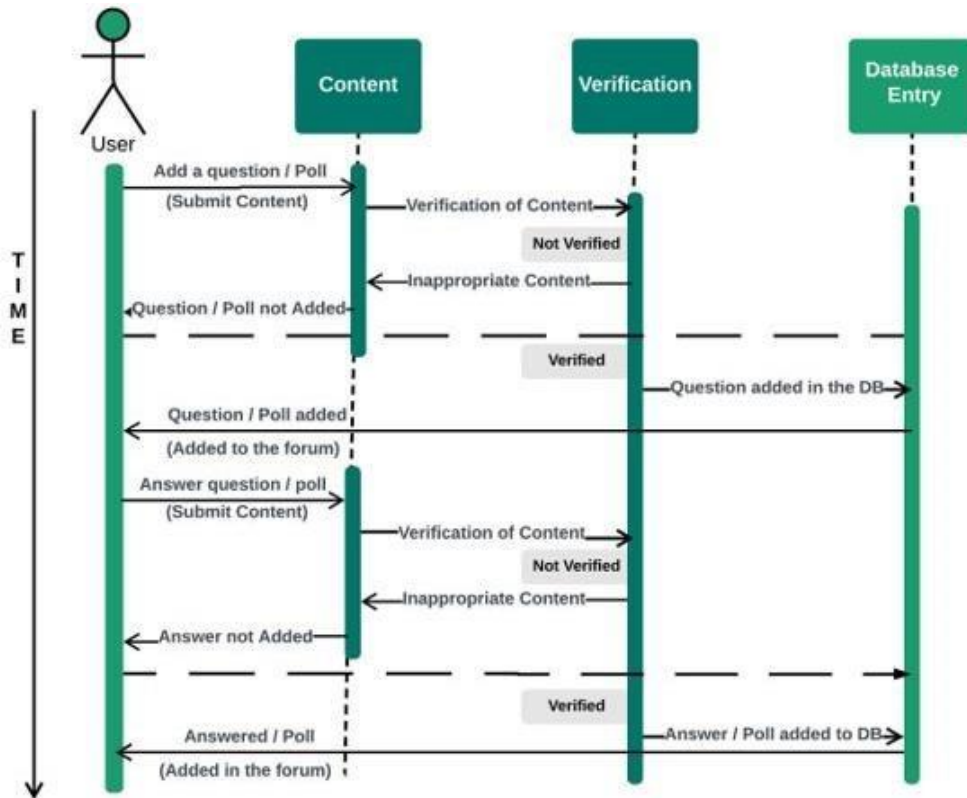


2. Sequences

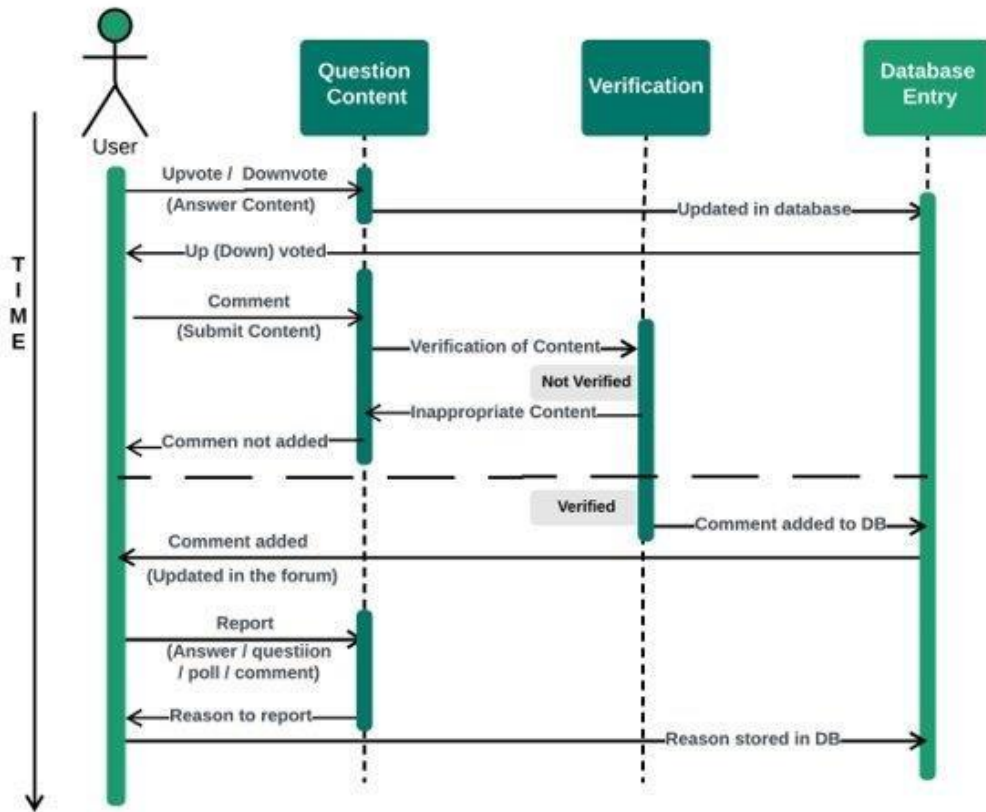
1. Login Sequence Diagram:



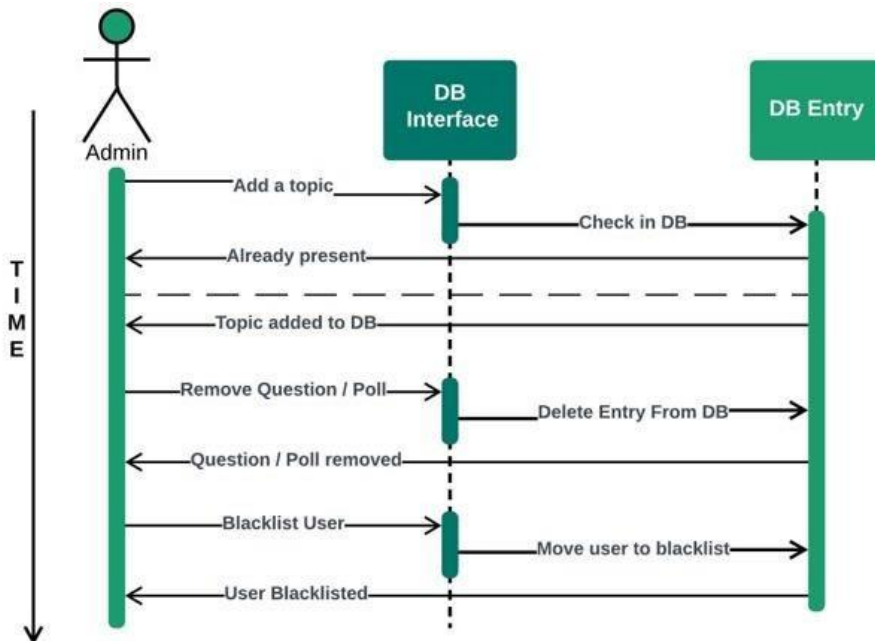
2. User Sequence Diagram I :



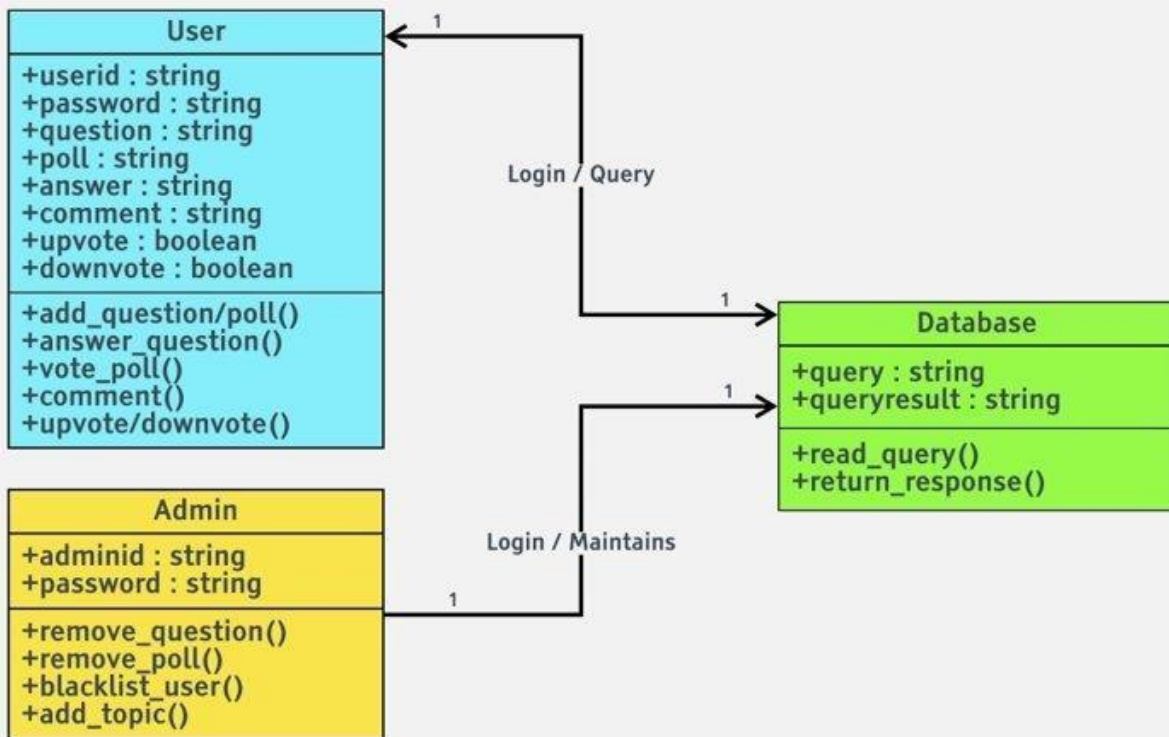
3. User Sequence Diagram II



4. Admin Sequence Diagram



3. Class Diagrams



4.Test Cases

<u>Module</u>	<u>Test Cases</u>	<u>Action executed</u>
1. Log in/ Sign up	Registration of new user	Click on Register, Enter valid details, Submit
		Click on Register, Enter invalid details (Syntax errors), Submit
	Login/Sign-In of a user	Click on Login, Enter valid login details, Submit
		Click on Login, Enter invalid login details (False credentials), Submit
2. Ask or Answer a question	Ask question	Click on the desired topic, Enter the question, Submit
	Answer a question	Click on the question, Enter the answer, Submit.
3. Create a Poll or Vote	Create a Poll	Click on Create a poll, Define Statement and Options, Submit
	Vote in a Poll	Click on any one of the choices
4. Upvote or Downvote an Answer	Upvote an Answer	Click on Upvote
	Downvote an Answer	Click on Downvote
5. Add a topic (Admin only)	Adding a topic in Database	Log in to Admin panel, Enter new Topic Name, Heading & Description
		Log in to Admin panel, Enter already existing Topic Name, Heading & Description
6. Comment on an Answer	Commenting on an Answer	Click on Comment, Enter comment content, Submit

5.Test Reports

No.	Action executed	Expected Output	Observed Output	Result
1.	Click on Register, Enter valid details, Submit	User registered successfully	User registered successfully	Success
	Click on Register, Enter invalid details (Syntax errors), Submit	Couldn't register	Couldn't register	Success
	Click on Login, Enter valid login details, Submit	Logged in successfully	Logged in successfully	Success
	Click on Login, Enter invalid login details (False credentials), Submit	Wrong UserID/Password	Wrong UserID/Password	Success
2.	Click on the desired topic, Enter the question, Submit	Question gets added on the page	Question gets added on the page	Success
	Click on the question, Enter the answer, Submit.	Answer gets added below that question	Answer gets added below that question	Success
3.	Click on Create a poll, Define Statement and Options, Submit	Poll gets added on the page	Poll gets added on the page	Success
	Click on any one of the choices	Vote count gets updated	Vote count gets updated	Success
4.	Click on Upvote	Upvote count gets updated	Count does not change	Success
	Click on Downvote	Downvote count gets updated	Count does not change	Success
5.	Log in to Admin panel, Enter new Topic Name, Heading & Description	Topic gets added on the page	Topic updated in Topic page	Success
	Log in to Admin panel, Enter already existing Topic Name, Heading & Description	Topic name already exists	Topic name already exists	Success
6.	Click on Comment, Enter comment content, Submit	Comment gets added below answer	Comment gets added below answer	Success

6. User Testing

Report :

No.	Action executed	Result / Remarks
1.	Click on Register, Enter valid details, Submit	Working Fine
	Click on Register, Enter invalid details (Syntax errors), Submit	Working Fine
	Click on Login, Enter valid login details, Submit	Working Fine
	Click on Login, Enter invalid login details (False credentials), Submit	Working Fine
2.	Click on the desired topic, Enter the question, Submit	Working Fine
	Click on the question, Enter the answer, Submit.	Working Fine
3.	Click on Create a poll, Define Statement and Options, Submit	Working Fine
	Click on any one of the choices	Working Fine
4.	Click on Upvote	Not happening in one click
	Click on Downvote	Not happening in one click
5.	Log in to Admin panel, Enter new Topic Name, Heading & Description	Working Fine
	Log in to Admin panel, Enter already existing Topic Name, Heading & Description	Topic is getting added as a new topic
6.	Click on Comment, Enter comment content, Submit	Working Fine

10. Future Work

For the future aspects of the work, there are some more functionalities which could be added to the project:

- Direct Messaging platform on the college intranet.
- Even having options to create survey
- Using semantic analysis to remove the same questions ○ Automatically separating the topics in the different defined topics ○ Functionalities like bookmark questions, archive and many more.
- Automatic analysis of the poll displays as soon as the poll ends.