

Project Report On
Ace Committee Website

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CERTIFICATE OF APPROVAL

This is to certify the following student.

Saieal Sawant [2021510061]
Suman Mudliyar [2021510035]

Have satisfactorily carried out work on the
project entitled.

“ACE COMMITTEE WEBSITE”

Towards the fulfillment of the project,
as laid down by Sardar Patel Institute of
Technology

During the year 2021-2022.

PROJECT APPROVAL CERTIFICATE

This is to certify the following student.

Saical Sawant [2021510061]
Suman Mudliyar [2021510035]

Have successfully completed the project report on
“Ace Committee Website”, which is found to be
satisfactory and is approved At

SARDAR PATEL INSTITUTE OF
TECHNOLOGY, ANDHERI (W), MUMBAI.

INTERNAL EXAMINER

EXTERNAL EXAMINER

October 15, 2022

Contents

1	Abstract	5
2	Introduction	5
2.1	Problem Definition	5
2.2	Objective and Scope	5
2.2.1	Objective	5
2.2.2	Scope	5
2.3	System Requirements	6
2.3.1	Hardware Requirements	6
2.3.2	Software Requirements	6
3	Software Requirement Specification [SRS] And Design	6
3.1	Introduction	6
3.2	Overall Description	6
3.2.1	Product Functions	6
3.2.2	User Characteristics	6
3.2.3	Dependencies and Assumptions	7
3.3	System Features	7
3.3.1	Functional Requirements	7
3.3.2	Non-Functional Requirements	7
4	PROJECT ANALYSIS AND DESIGN	7
4.1	Methodologies Accepted	7
4.2	Diagrams	9
4.2.1	Use Case Diagram	9
4.2.2	Activity Diagram	10
4.3	Deployment Diagram	12
4.4	Work Breakdown Structure	13
4.4.1	Gantt Chart	13
5	Testing	13
5.1	Test Cases	14
6	Screenshot	15
7	System Maintenance	18
8	Future Enhancements	18
9	Limitation	18
10	Conclusion	19

1 Abstract

Many Events, Seminars and Workshops are organized by the A.C.E committee every year. Behind the curtain the process of organizing these events is time consuming. The process includes checking availability of the dates, availability of the speakers, reporting the mentor regarding the progress, assigning tasks in various teams, taking the progress updates from teams and informing mentor regarding the progress, informing students regarding the events, creating a report , taking feedback from students regarding the event and many other stuff. To reduce the time and efforts of committee members, we came up with an idea of creating a website which will mainly focus on automating the communication between the Respective mentors and the A.C.E committee.

2 Introduction

2.1 Problem Definition

Developing a website for the MCA ACE committee .To do a task, each event should be available on the website along with the reports. If any teacher wants to conduct an event, they should be able to communicate with the ACE team through a portal, the complete process of carrying out the event should be automated. Feedback of Speaker and Event, Notification of the event a day before, Generating required graphs, Reports mailing to respective faculty after the event.

2.2 Objective and Scope

2.2.1 Objective

To reduce the time and efforts of committee members, we came up with an idea of creating a website which will mainly focus on automating the communication between the Respective mentors and the A.C.E committee.

2.2.2 Scope

The faculty members and A.C.E. committee members can use this website to communicate regarding the events and share the progress with each other. The student can view event details and can fill the feedback form which will help in finding areas of interests of students.

In the later stage the faculty members can also get a report about the event including total attendance, major area of interest, monthly and annual reports and it will also have a mail module in which faculty can mail all the students the information regarding the event.

2.3 System Requirements

2.3.1 Hardware Requirements

Processor Dual-Core i3 or above
Ram 8GB or above
Storage 20 GB hard-disk space and above

2.3.2 Software Requirements

Operating System: OS Independent
Frontend: HTML, CSS
Database: MySQL
Tools Used Visual Studio Code

3 Software Requirement Specification [SRS] And Design

3.1 Introduction

A.C.E committee website can help faculties and ace committee members to communicate with each other regarding the events and keep track of events .The chairperson can add tasks and add daily updates regarding the tasks . Faculties can also conduct MCQ test for students . Chairperson can also post the event images on the website.

The students can view the page and fill the feedback forms of various events.

3.2 Overall Description

3.2.1 Product Functions

The website is an open source website where faculty and committee members can register to the website. Php will check the login details entered if they match the details in the database or not. All the event data is stored in the database and faculty and chairperson can view all the event and tasks details . Faculty can update or delete any event. Chairperson can update or delete the task's details.

3.2.2 User Characteristics

Mentor: The mentor is a part of a module.The job of the mentor is to conduct events like seminars, workshops, guest lectures, alumni meet, etc. The mentor decides the event that is going to be organized. And send the event details to the chairperson. The details include the event name, speaker name, date, time, topic, classroom. The mentor can monitor the progress of the event and task.

Chairperson: The chairperson is the one who is actually going to take the responsibility for the events. After getting event details from the mentor. The

chairperson is one who will take the decision, whether the event can be done or not. The decision is taken by looking at all aspects like availability of student, classroom, time, date. After taking the decision, the chairperson divides the event task and assigns the task to the members. After completing a task by each member, the chairperson sends the progress of the event. Then we are ready to conduct the event. After conducting the event, Photos and videos are uploaded to the website. Then we gather feedback from the students from the website. Then we make a report of the event and send it to the mentor.

Student: The end-user will visit the website. Then the user can checkout the events that are going to happen. The user can view the past event that happened. The website basically contains the photos, video, event details, feedback form of the event, and total events conducted by the ACE committee.

3.2.3 Dependencies and Assumptions

The system is dependent on the internet. To visit the website, just use a web browser with a good internet connection.

3.3 System Features

3.3.1 Functional Requirements

Login: The chairperson and Mentor can login using a valid username and password.

Add event: The chairperson can add event and event details in the website.

Upload photo: The chairperson can add photos of the event on the website.

View task progress: The mentor can view the progress of the event.

Assign task: The chairperson can assign tasks to the committee members.

3.3.2 Non-Functional Requirements

1] Usability Usability is the degree to which a software can be used by specified users to achieve quantified objectives with effectiveness, efficiency, and satisfaction in a quantified context of use. The application can be easily used by the student, chairperson and mentor. 2] Maintainability This website is easy to maintain. 3] Timeliness The website performs all the operations in less time. 4] Reliability Validations are done properly for admin registration and login.

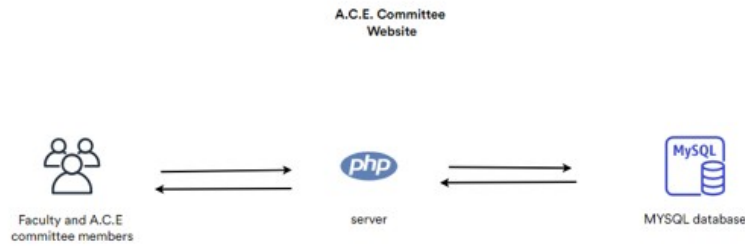
4 PROJECT ANALYSIS AND DESIGN

4.1 Methodologies Accepted

Methodology involves dividing software development work into distinct stages and coming up with tasks or activities aimed at achieving better planning and time management. It is considered a trivial part of the systems development life cycle.



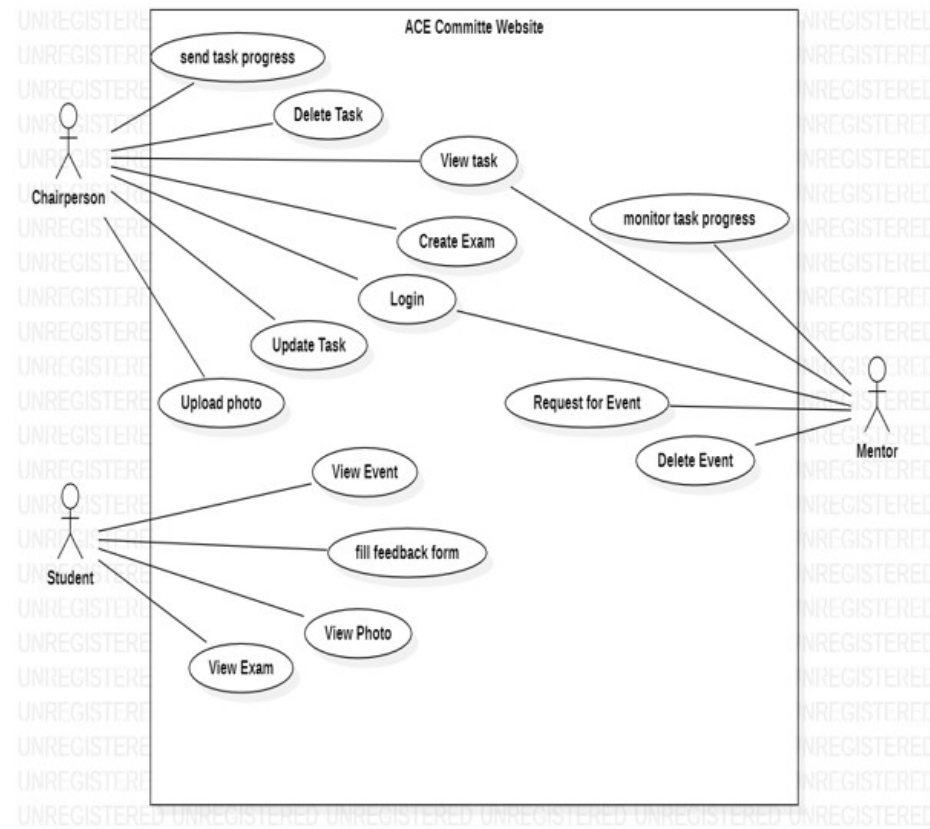
Figure 1: Iterative Model



Iterative Model: The iterative model is a particular implementation of a software development life cycle (SDLC) that focuses on an initial, simplified implementation, which then progressively gains more complexity and a broader feature set until the final system is complete. In this Model, you can start with some of the software specifications and develop the first version of the software. After the first version if there is a need to change the software, then a new version of the software is created with a new iteration. Every release of the Iterative Model finishes in an exact and fixed period that is called iteration. The Iterative Model allows accessing earlier phases, in which the variations are made respectively. The final output of the project was renewed at the end of the Software Development Life Cycle (SDLC) process.

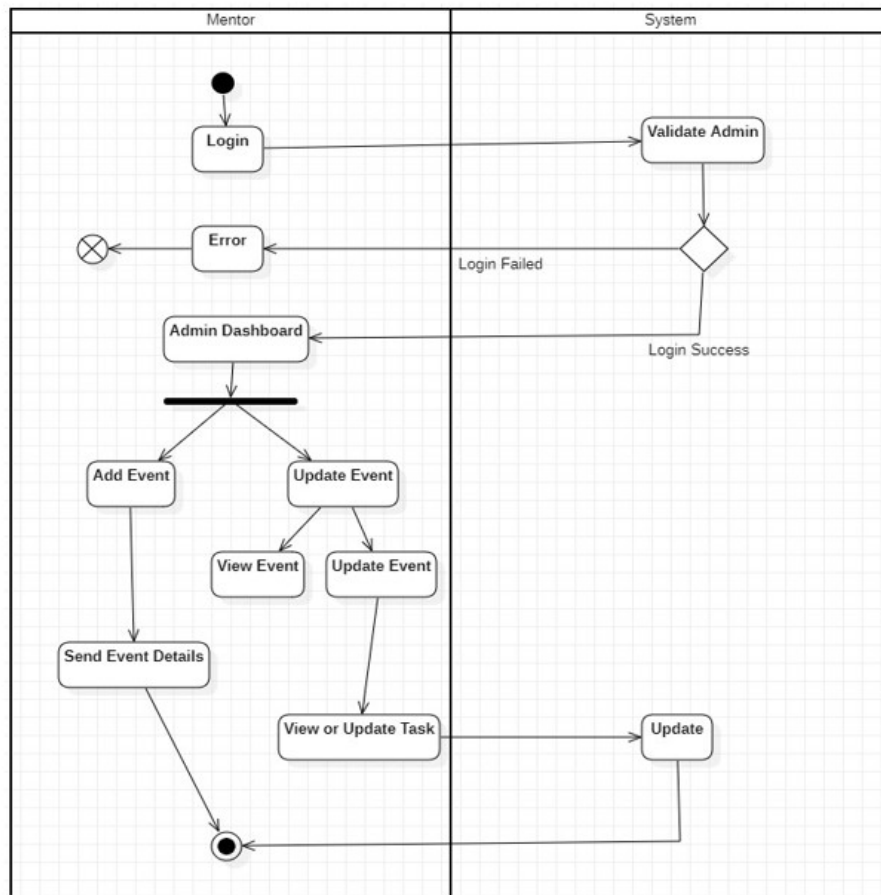
4.2 Diagrams

4.2.1 Use Case Diagram

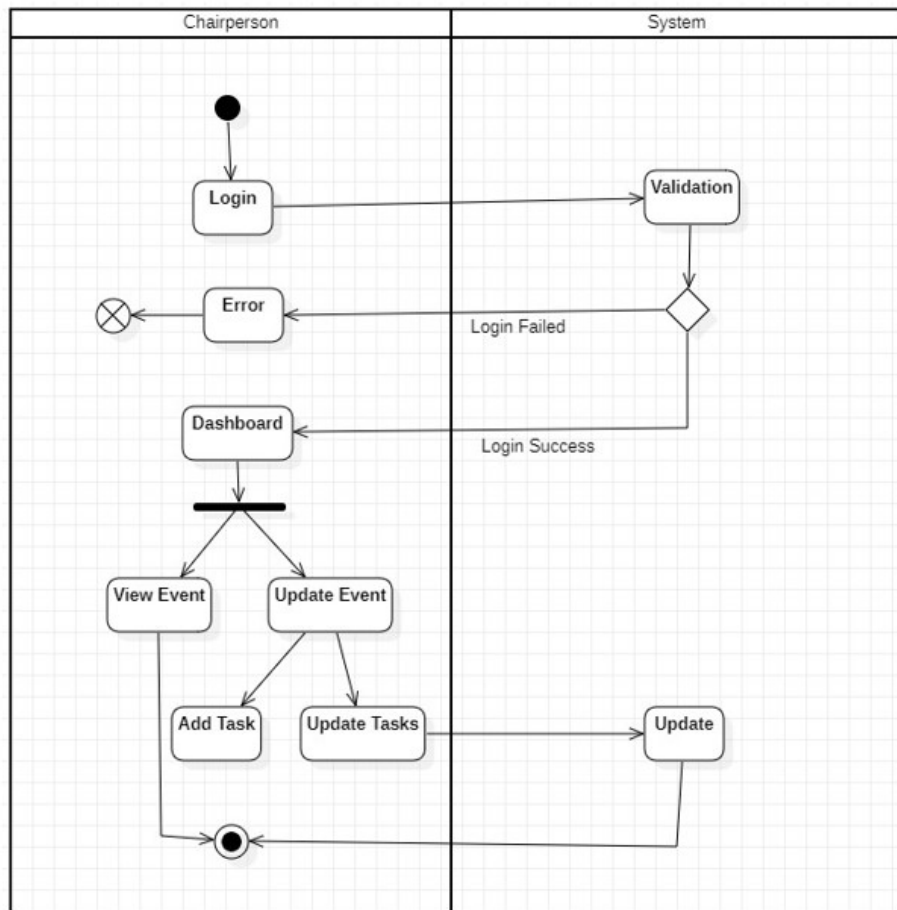


Use Case Diagram

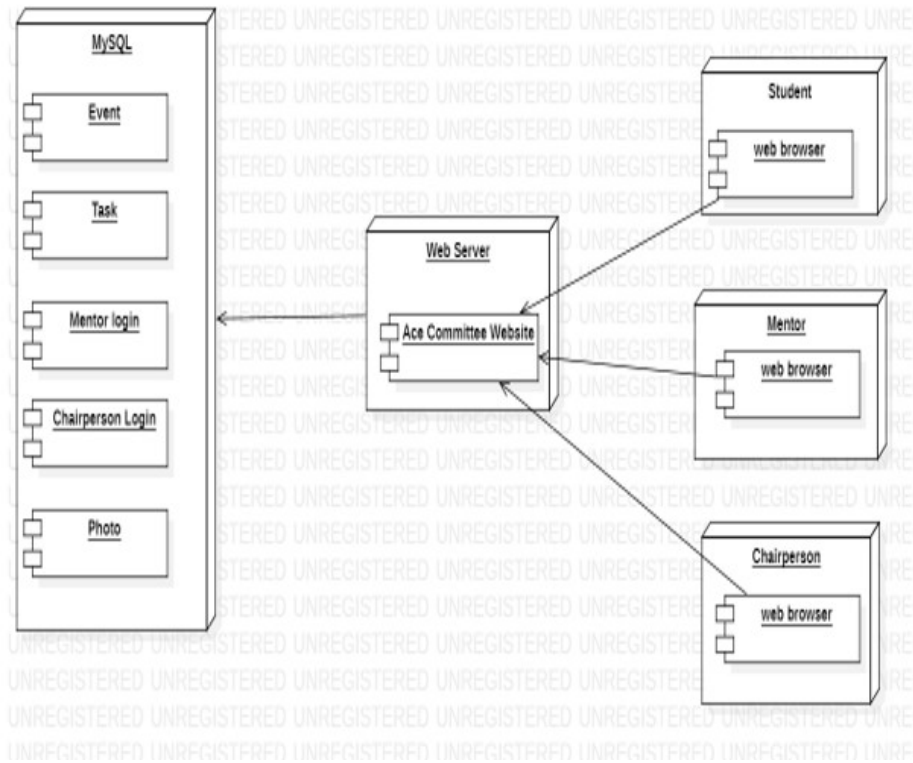
4.2.2 Activity Diagram



Activity Diagram



4.3 Deployment Diagram



Deployment Diagram

4.4 Work Breakdown Structure

4.4.1 Gantt Chart



5 Testing

Software testing is defined as an activity to check whether the actual results match the expected results and to ensure that the software system is Defect free. It involves execution of a software component or system component to evaluate one or more properties of interest. It can be either done manually or using automated tools.

5.1 Test Cases

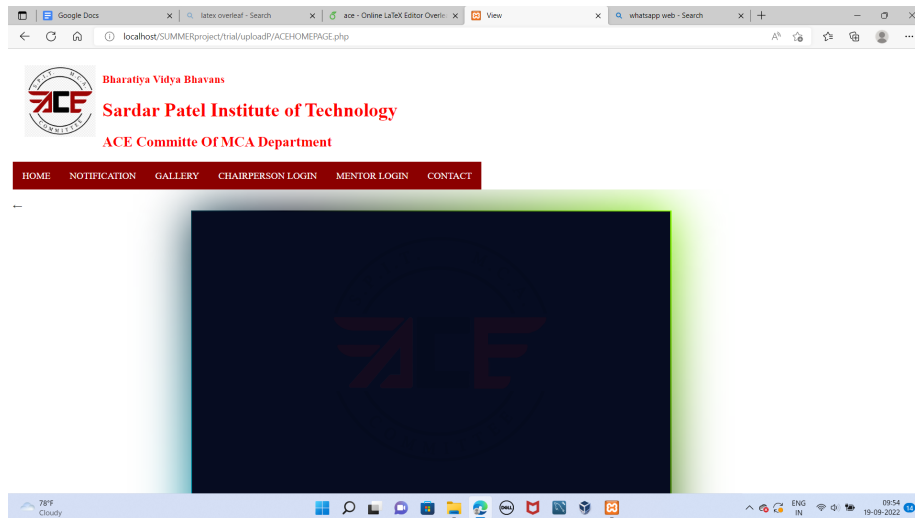
Testcase ID	Testcase name	Test Data	Expected Output	Actual Output	Result
1	Mentor Login	Admin enters right username and password	Log in successfully	Logged in successfully	Pass
2	Mentor Login	Admin enters wrong username and password	Check your credentials	Login failed. Check credentials	Fail
3	Chairperson Login	User enters right username and password	Log in successfully	Logged in Successfully.	Pass
4	Chairperson Login	User enters Wrong email id and password	Check your credentials	Login failed. Check credentials	Fail

Test case

5	Add event	enter event details	Should insert into database	Inserted in database	Pass
6	Add task	Enter task details	Should insert into database	Inserted in database	Pass
7	Delete task	Click on delete	Should delete from database	Deleted from database	Pass
8	Update task progress	Change progress status	Should be modified	Modified	Pass

Test case

6 Screenshot



Ace Committee Homepage

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localhost/SUMMERproject/trial/uploadP/chairpersonlogin.php

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HOME EVENT CHAIRPERSON LOGIN MENTOR LOGIN FEEDBACK FORM CONTACT

CHAIRPERSON LOGIN PAGE

USERNAME

PASSWORD

Login

Home | AICTE | Mumbai University | DTE | Campus Virtual Tour | Webmail | Contact | Terms & Conditions | Privacy Policy | MySQL Workbench 8.0.31 | Policy

79°F Cloudy 10:07 19-09-2022

Chairperson Login Page

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localhost/SUMMERproject/trial/uploadP/homepageevent.php

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HOME NOTIFICATION GALLERY CHAIRPERSON LOGIN MENTOR LOGIN CONTACT

EVENTS

EVENT	SPEAKER	TOPIC	DATE	TIME	CLASSROOM NO.
discezd					
12233					
435	bhuvabv		2022-07-14	10:01	565
sdbabusb	manan	saabod	2022-07-30	23:51	101
dfidfd					
shldis	xcumcxj	xcdjd	2022-07-29	23:56	765
project meet	nikita masan	se	2022-08-11	11:57	701

78°F Cloudy 10:55 19-09-2022

Events

Google Docs | latex overleaf - Search | ace - Online LaTeX Editor Overl... | localhost/SUMMERproject/trial/ | whatsapp web - Search

localhost/SUMMERproject/trial/uploadP/task.php

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CHAIRPERSON HOMEPAGE EVENTS ADD TASK TASK ADD EVENT UPLOAD PHOTO

ADD TASK

TASK ID

TASK NAME

TASK ASSIGNED

Email id

DATE

PROGRESS

ADD TASK

78°F Cloudy 10:56 19-09-2022

Add task

Google Docs | latex overleaf - Search | ace - Online LaTeX Editor Overl... | localhost/SUMMERproject/trial/ | whatsapp web - Search

localhost/SUMMERproject/trial/uploadP/chairpersonviewtask.php

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CHAIRPERSON HOMEPAGE EVENTS ADD TASK TASK ADD EVENT UPLOAD PHOTO

TASK STATUS

TASK ID	TASK NAME	ASSIGNED TO	PROGRESS	DATE	
1					Edit Delete
10	blackboxtesting	Rutwik	2022-07-16	NOT STARTED	Edit Delete
11	make poster	Rutwik	2022-08-11	IN-PROGRESS	Edit Delete
7	make changes in poster	Rutwik	2022-08-10	COMPLETED	Edit Delete

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Task Status

Add Event

7 System Maintenance

System Maintenance is needed when a new version is released. System Maintenance will be carried out at least quarterly to check whether everything is working fine.

Application will require maintenance when there is a major release or change of functionality if some new functionality is added to the website.

Maintenance is also required when this application fails to run in a certain environment, then proper debug and update will be released so as to increase compatibility.

Backup of Database should be taken frequently to prevent loss of data in case of any system failure.

8 Future Enhancements

- 1] Reports can be generated.
- 2] Graphs can be made out of the data.
- 3] When assigning the task to a committee member, he/she should get notification by email.
- 4] When the chairperson/ Mentor changes the password, he/she should get OTP for changing the password.

9 Limitation

Requires Internet connection.
No Support for iOS and MacOS Application.

Requires a web browser

10 Conclusion

- 1] The Website was built using HTML,CSS,PHP, and MYSQL DATABASE.The website can be easily used by users. The Website was built keeping in mind the ease of use and simple but fast.
- 2] Website will be used by Mentors , A.C.E committee chairpersons and students.
- 3] This website will be beneficial for Faculty members, College committees and students.