



Terna Engineering College

Department of Computer Engineering

Mini Project Weekly Progress Log Book

Plot No.12, Sector-22, Phase-II, Nerul, Navi Mumbai - 400 706

Tel. No. 022 61115444 (30 Lines), Fax No. 022 6111 5400 Website : www.terna.org Email : principal@terna.org

Terna Engineering College, Nerul, Navi Mumbai

Department of Computer Engineering

Academic Year: 2023 – 2024

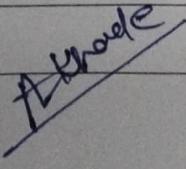
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|-------|------------|-----------|---|
| Class | S.E /T.E - | Division: | C |
|-------|------------|-----------|---|

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|---------------|---|
| Project Title | <u>A college Management Application</u> |
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|--------------|-------------------------|
| Project Area | Flutter APP Development |
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|------------|-------------|
| Group Code | TE_MP_C2_07 |
|------------|-------------|

| Sr. No. | College ID | Roll No. (eg A24) | Name of the Student | Contact No. | e-mail |
|---------|-------------|-------------------|---------------------|-------------|---------------------------------|
| 1 | TU3F2122154 | C19 | Sumit P. Mote. | 7248978405 | motesumit2122@ternaengg.ac.in |
| 2 | TU3F2122164 | C29 | Harsh A. Minde. | 9769984253 | mindeharsh2122@ternaengg.ac.in |
| 3 | TU3F2122171 | C36 | Vedant P. Tambe. | 8104204794 | tambevedant2122@ternaengg.ac.in |
| 4 | | | | | |

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|------------------------|---|
| Name of the Guide: | Prof. Rohini D. Patil. |
| Signature of the Guide |  |

Date :- 11th Jan 2024

Week No :- 1

Activity No :-

Project Work Done :- commencement of new term:

With the dawn of a new semester,
we eagerly embraced our project.

Empowered by our mini project's guide's insightful
guidance, we embarked on this journey!

Every challenge we face fuels our determination
to succeed.

As we take our first step,
we are driven by the belief that great things
lie ahead!

Evaluation by Guide :--- Marks (week wise)

Conduct a discussion with your fellow batch members and
finalize the composition of your project group.

Guide Name & Signature :-

Prof. Rohini D. Patve.

N. Patve

Date :- 18th Jan 2024

Week No :- 2

Activity No :-

Project Work Done :- Team Formation Discussion :

conducted a comprehensive discussion with fellow batch members, focusing on engaging with previous group members from past projects.

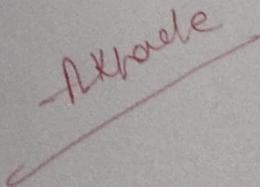
This discussion aim to finalize the composition of the project group for current semester's mini project.

After through deliberation & feedback from everyone, we successfully finalized the group members for current semester's mini project team.

Evaluation by Guide --- Marks (week wise)

Conduct a thorough research on the technologies to be used for the project.

Guide Name & Signature :-

Prof. Rohini D. Patil


Date :- 25th Jan 2024

Week No :- 3

Activity No :-

Project Work Done :- Technology Selection:

Evaluated the options i.e,

Android Application

Web Application

GUI Application

Desktop Application

Enterprise Application

Hybrid Application

Standalone Application

After exploring everything, we choosed "hybrid APP".

Evaluation by Guide :--- Marks (week wise)

Evaluate the tech options which support the technology chosen by the group.

Guide Name & Signature :-

Prof. Rohini D. Patve
Akhande

Date :- 1st Feb 2024

Week No :- 4

Activity No :-

Project Work Done :- Techstack & Setup:

Evaluated the tech options which support Hybrid application i.e,

React Native

Xamarin

Ionic

Flutter

Nativescript

Framework7

After exploring everything, we decided the "Flutter".

Evaluation by Guide :--- Marks (week wise)

Finalize your project topic after researching for various project ideas.

Guide Name & Signature :-

Prof. Rohini D. Patve
Akhade

Date :-

8th Feb 2024

Week No :- 5

Activity No :-

Project Work Done :- Project Topic Selection:

Brainstormed & listed individual project ideas.

After a thorough discussion,
we collectively decided on the project topic -
"A College Management Application",
named -
"College Mate".

Project Topic "College Mate" Finalized!

Evaluation by Guide :--- Marks (week wise)

Conduct a thorough research and search for research papers
related to your project topic.

Guide Name & Signature :-

Prof. Rohini D. Patne, *Akhale*

Date :- 15th Feb 2024

Week No :- 6

Activity No :-

Project Work Done :- Research & Analysis :

Throughout the week, we dedicated our efforts to sourcing documents, conducted surveys & reviewing relevant literature.

We diligently studied & analyzed the gathered info identifying key insights, understanding missing features & recognizing potential challenges.

After thorough analysis, we compiled & submitted a comprehensive list of noted points.

Evaluation by Guide :--- Marks (week wise)

Create a project presentation based on the conducted research and analysis of the project.

Guide Name & Signature :-

Prof. Rohini D. Patve.

Mukund
Signature

Date :- 22nd Feb 2024

Week No :- 7

Activity No :-

Project Work Done :- PPT Presentation & Architectural Planning:

Created a Project presentation,
conducted research on similar applications for
insights and
embarked on discussions to initiate the
architectural planning for our app.

Significant progress achieved in presentation,
research & app's architecture.

Evaluation by Guide :--- Marks (week wise)

Initiate the design phase and begin the coding phase for
the application.

Guide Name & Signature :-

Prof. Rohini D. Patve. *Akhade*

Date :- 29th Feb 2024

Week No :- 8

Activity No :-

Project Work Done :- Design Phase Kickoff & Initial Coding :

Commenced the design phase to establish a clear vision of our project.

Created, refined & iterated on the design multiple times, until it achieved a decent & user-friendly appearance.

Additionally, we began the initialization of basic & essential coding for the application.

Successfully initiation of design phase & basic coding; ensuring a user-friendly & well-structured Project.

Evaluation by Guide :--- Marks (week wise)

Be prepared for Review 1 with your project presentation and partial implementation of the project.

Guide Name & Signature :-

Prof. Rohini D. Patve.

Attache

A college Management APP. -

"College Mate"

7th Mar 2024

ue :-

Week No :-

Activity No :-

Project Work Done :- Review 1:

A very helpful & interactive discussion happened with our guide [for review] in a such way; we got more clarity of working of our app.

Also our Mini Project's guide advised some things by which we can definitely move towards great progress!

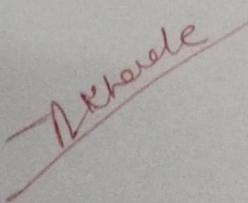
We noted the all points to work on them.

Evaluation by Guide :--- Marks (week wise)

Modifying the HW & SW requirement.
Speedup the implementation progress.

Name & Signature :-

Prof. Rohini D. Patve.



Rohini
7/3/24

Prof. Pramesh Shahabade.

14th Mar 2024

No :- 10

ity No :-

ct Work Done :- Frontend Development Progress :

Focused on enhancing the user-interface to make it visually appealing & user-friendly.

Leveraged libraries, dependencies & APIs to simplify the Frontend design process.

Successfully completed the almost entire Frontend part of the application.

Achieved well-crafted & user-friendly Frontend by reducing complexities & incorporating necessary components.

tion by Guide :--- Marks (week wise)

Begin implementation of Backend and integrate the database in the application.

Name & Signature :-

Prof. Rohini D. Patve.

Akhade

Date :- 21st Mar 2024

Week No :- 11

Activity No :-

Project Work Done :- seamless Database Integration:

We reached a significant milestone by seamlessly integrating with our entire project with 'Firebase'.

The process involved the meticulous setup & configuration of database infrastructure, ensuring that our application can operate flawlessly & maintain real-time connectivity.

Successful integration of Firebase, establishing the foundation of our project's data management!

Marking by Guide :--- Marks (week wise)

Focus on dynamic part
Implementation

Try to complete

Name & Signature :-

Prof. Rohini D. Patilve.

Akhare

Date :- 28th Mar 2024

Week No :- 12

Activity No :-

Project Work Done :- Review 2:

With our database infrastructure in place,
we initiated & almost completed the coding process
for backend.

Our primary objective at this stage was to
initialize essential features & functions of the
application.

With this upgraded version of our project,
we reviewed out the project to the guide [for review]
and we got more clarity by the effective guidance
from the sir !

Evaluation by Guide :--- Marks (week wise)

Complete the implementation of the application to be fully
functional.

Guide Name & Signature :-

Prof. Rohini D. Patve.

Akhade

Prof. Ramesh Shahabade.

R.V.Shahabade

Date :- 4th APR 2024

Week No :- 13

Activity No :-

Project Work Done :- Final Touch UP:

After the foundational coding which was critical to lay the groundwork for the development of the core app features, functions, design for great user experience;

The application is fully functional & reliable.

We started to build the app as a few main modules &

We completed it as a top notch complete SaaS Application!

Marks (week wise)

Prepare the final project report and complete implementation of the project.

Name & Signature :-

Prof. Rohini D. Patre.

Patre

:- 11th APR 2024

ck No :- 14

vity No :-

ect Work Done :- Final Submission:

We are here with complete working project , all documentation part , PPT , literature review , Project report & along with this Log Book .

Lastly , we thanks to our Guide , Panel for Review , Mini-Project coordinator for your support , guidance , availability , mentorship & lot things .

We are greatful for having you with us !

ation by Guide :--- Marks (week wise)

Name & Signature :-

Prof. Rohini D. Patne.

14 week