



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

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

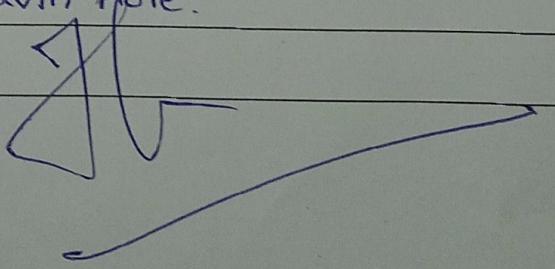
Class	S.E/T.E -	Division:	C
-------	-----------	-----------	---

Project Title	A Road Assist Application
---------------	---------------------------

Project Area	Flutter APP Development
--------------	-------------------------

Group Code	G2
------------	----

Sr. No.	College ID	Roll No. (eg A24)	Name of the Student	Contact No.	e-mail
1	TU3F2122154	C22	Sumit P. Mote.	7248978405	motesumit2122@ternaengg.ac.in
2	TU3F2122158	C27	Atharva S. Birje.	9322786689	birjeatharva2122@ternaengg.ac.in
3	TU3F2122164	C32	Harshe A. Minde.	9769984258	mindeharshe2122@ternaengg.ac.in
4					

Name of the Guide:	Prof. Pravin Hole.
Signature of the Guide	

Date :- 13th Jul 2023

Week No :- 1

Activity No :-

Project Work Done :- Team Formation & Discussion :

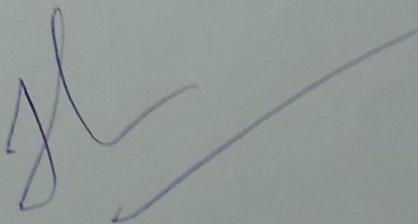
conducted a comprehensive discussion with fellow batch members, focusing on engaging with previous group members from past projects.

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)

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 20th Jul 2023

Week No :- 2

Activity No :-

Project Work Done :- Technology Selection & Stack setup:

Evaluated the tech options i.e, android (Java/kotlin), webapp, websites, GUI APPS , desktop APPS , hybrid APPS; choosed Flutter.

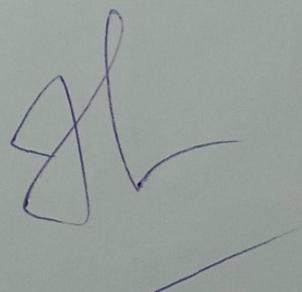
Setup the stack :

Dart , Flutter & Android Studio IDE.

Tech stack established for Flutter APP Development.

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

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 27th Jul 2023

Week No :- 3

Activity No :-

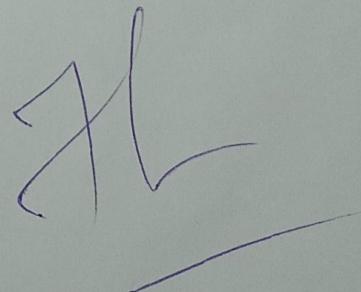
Project Work Done :- Project Topic Selection :

Brainstormed & listed individual project ideas.
After a thorough discussion, we collectively decided on the project topic - "a Road Assist Application", named - "Mech It".

Project topic "Mech It" Finalized.

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

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 3rd Aug 2023

Week No :- 4

Activity No :-

Project Work Done :- Research & Analysis :

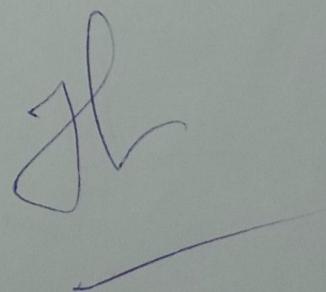
Throughout the week, we dedicated our efforts to sourcing documents, conducted surveys & reviewing relevant literature.

We diligently studied & analyzed the gathered information, 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)

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 10th Aug 2023

Week No :- 5

Activity No :-

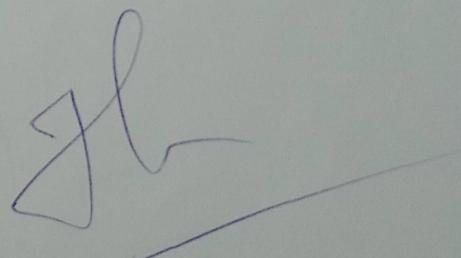
Project Work Done :- PPT Presentation & Architectural Planning:

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 architecture.

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

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 17th Aug 2023

Week No :- 6

Activity No :-

Project Work Done :- Design Phase kickoff & Initial coding:

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

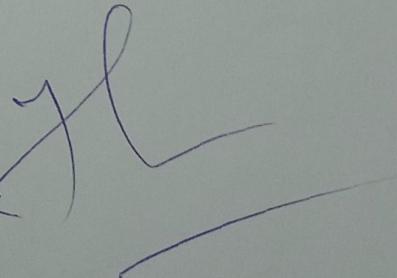
created, refined, & iterated on the design multiple times until it achieved a decent & user-friendly appearance.

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)

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 24/08/2023

Week No :- 7

Activity No :-

Project Work Done :- Review 1 :

We got more clarity of the topic and the needful outcomes of the project.

Mr. Sir advised some changes, for the progress of the project.

We have noted all the important points and will try to improve further.

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

8/10

Guide Name & Signature :-

Dr Shradha Momin

SL
26/08/23

Date :- 31st Aug 2023

Week No :- 8

Activity No :-

Project Work Done :- Frontend Development Progress:

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

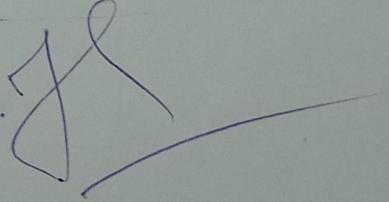
Leveraged libraries, dependencies & APIs to simplify the Frontend design process.

successfully completed the entire Frontend part of the application.

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

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

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 7th Sep 2023

Week No :- 9

Activity No :-

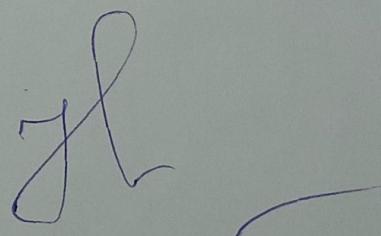
Project Work Done :- Backend Development kick off:

We transition our focus to the backend development phase, a pivotal step towards making our app fully functional.

The backbone of seamless user experience relies on a robust database that ensures 24x7 connectivity between user & our application's services, regardless of their location.

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

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 14th Sep 2023

Week No :- 10

Activity No :-

Project Work Done :- Database Selection- Embracing Firebase:

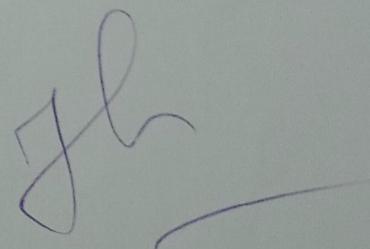
After careful consideration & analysis of database solutions, we made a strategic decision. We opted for the "Firebase" -

a versatile & reliable database platform, as the cornerstone of our project.

This choice was driven by its capability to ensure continuous connectivity & real-time services, making it a perfect fit for our project's needs.

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

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 21st Sep 2023

Week No :- 11

Activity No :-

Project Work Done :- seamless Database Integration :

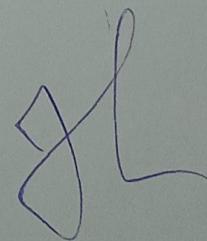
We reached a significant milestone by seamlessly integrating with our entire project with Firebase.

The process involved the meticulous setup & configuration of the database infrastructure, ensuring that our application can operate flawlessly & maintain the real-time connectivity, no matter when or where users access it.

successful integration of Firebase, establishing the foundation of our project's data management & real-time communication.

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

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 28th Sep 2023

Week No :- 12

Activity No :-

Project Work Done :- commencement of Backend Coding:

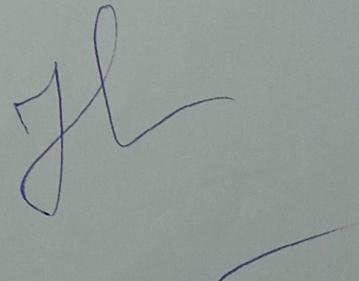
With our database infrastructure in place, we initiated the coding process for backend.

Our primary objective at this stage was to initialize essential functions. This foundational coding is critical to lay the groundwork for development of core app features, ensuring the app's basic & essential functions are fully functional & reliable.

The initiation of backend coding, marking the start of core app feature development.

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

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 5th Oct 2023

Week No :- 13

Activity No :-

Project Work Done :- Feature Principal Week :

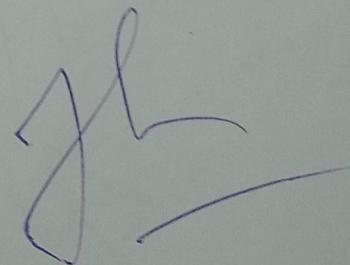
It includes - essential development, rigorous testing & UI/UX enhancement.

We prioritized essential feature development, conducted rigorous testing & continuously improved the UI/UX base on feedback.

We completed these tasks to align our project with user expectations & our goals, i.e,
to create a robust, reliable & user-friendly application.

Evaluation by Guide --- Marks (week wise)

Guide Name & Signature :- Prof. Pravin Hole.



Date :- 12th Oct 2023

Week No :- 14

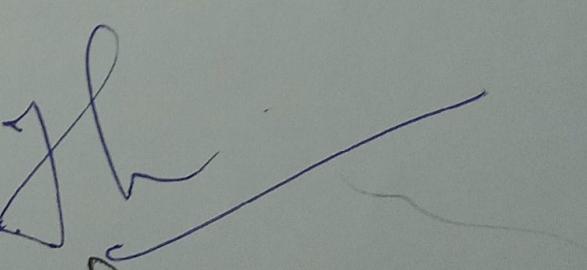
Activity No :-

Project Work Done :- Review 2:

With the more upgraded features & functions, we reviewed our project to the sir.

And we got the very effective advices & guidance from the sir, which is useful very much for further upgradation of app.

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

Guide Name & Signature :- Prof. Pravin Hole. 

Prof. S. B. Bokeode. 