Pimpri Chinchwad College of Engineering

Department of Computer Engineering

Project Title: "TASK MANAGEMENT SYSTEM"

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❖ INTRODUCTION

‘Task Management System’ is based on the concept to manage all the tasks of the user. This software is considered as a ‘**Full Stack Project’** with Frontend, Backend and Database. where the user can manage their tasks easily as it is not time-consuming. Here at first, the user has to pass through login system to get access of the software by creating one user account. The whole project is designed in **‘Angular’** Framework of JavaScript and different other technologies have been used for the development of this project. This project is easy to operate and understood by the users.

Task Management System is one ‘**CRUD’** Software which allows us to add, update, delete and search the tasks of a users.

❖ PROBLEM STATEMENT

The Task Management System is a software application that helps users manage their tasks efficiently. It is a platform that allows users to organize and prioritize tasks, set deadlines, assign tasks to team members, and track progress. The app aims to provide a streamlined and efficient solution for managing tasks, improving productivity.And our project is named as '**Task Management System'.**

❖ DOMAIN IDENTIFICATION

- **Development Domain :**

  1. Web Development (Website)

  2. Android Development (App)

- **Application Domain:**

  It is for Personal Use..!

❖ STACKHOLDERS

- **Direct Stackholders**

1) Project Manager: Responsible for overseeing the development of the app and ensuring that it meets the requirements of the stakeholders.

2) Development Team: Responsible for designing, developing, and testing the app.

3) Students

4) Teachers

5) Any person who have mobile and basic technical knowledge.

- **Indirect Stackholders**

1) Industry

2) Parents

3) Competitors: Other companies or apps that offer similar functionality

4) Government

5) Colleges and Universities

❖ PROCESS MODEL

- For small scale projects generally ‘**Waterfall Model**’ is used
- But this project require changes at each stage **SDLC** according to developer ideas and stakeholders feedback.
- So we use ‘**Iterative Waterfall Model**’ which is also known as ‘**Incremental Model**’.

❖ Functional Requirements

- **Authentication**

1. Create User Account
2. Login to software
3. Logout from software
4. Forget password
5. Change password

- **Task Operation** (*On Login*)

1. Add Todo
2. Update Todo
3. Delete Todo
4. Tag Selection
5. Date Selection

6. Live Progress Bar

7. Tagwise Sorting

8. Search Bar

- **Security and Privacy**

1. Privacy: Privacy to your account and data
2. Security: Data Encryption
3. Secure Data Storage

- **Internet**

1. Smooth Running of Software
2. Software should run on slow Internet speed also
3. Software is compatible with any device such as mobile phone and laptop

❖ REFERENCE

1) Java Point ((https://www.javapoint.com/)

2) Geeks for Geeks (https://www.geeksforgeeks.org/)

3) Stackoverflow (https://www.stackoverflow.com)

THANK YOU !