TASK MANAGEMENT AND SCHEDULING SOFTWARE

REVIEW- 1

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1. Abstract

A Task Management and Scheduling software is one of the most quintessential features of any Software Development Team. Any Software Product developed is always the result of a thorough and detailed development process, that involves various criteria right from Project Planning to Budgeting to Risk Analysis. There is a need for a portal that provides a few of the essential features of a Project Management System, while keeping it informative and ensuring user-friendliness at the same time. Through Our Project, we would like to develop a Product that models a task management and scheduling software which includes features like Management and Scheduling of tasks from a Project Managers Perspective. In Addition to Scheduling, we will also be developing a feature to visualize the progress of user's tasks. The Product will be modelled around the Agile Mode of Project Management and its features. It is a web-based portal or application that can be used by software companies, project coordinators and project guides.

2. Scope of the Project

It is within the scope of our project to manage a project, its tasks and milestones. We can prepare a schedule for the project assigning certain duration and team members to each task. We can check the progress of the project we are dealing with and also keep track of all the projects completed previously.

It is outside the scope of this task management system to facilitate users with other features like risk management,cost and effort estimation, resource management and also other functionalities of requirement management and designing tools.

Project Aim:

Our Project Task Management System was ideated from the fact, that there is no one task management system which takes care of all features right from task scheduling to visualization of progress

Project Goal:

We Plan to create a System that can be used by our primary stakeholders, who include software companies and project managers. They can leverage the features of our platform to efficiently and easily manage their projects.

Deliverables:

- Complete Documentation of the Project
- Ensure an Authenticated Website
- Implement Task Management Feature
- Implement a Progress Visualization Tool
- Implement Task Scheduler Feature

Milestones:

- Complete Requirement Analysis - 4th March
- Finalizing the Design and Structure of the Website - 28th March
- Completing the code for the Product - 11th April
- Complete Testing of the Product- 26th April
- Deploy the Product - 10th May

3. Project Description

The Task Management System we are developing is catered to Software Companies and Project Managers who are looking to effectively manage tasks allocated to users in multiple projects. The Project allows for efficient Scheduling of Tasks as well as caters to Milestones and also Allows the Project Manager to effectively visualize the status of these tasks via graphical representations. The Product will be modelled around the Agile Mode of Project Management and its features. It is a web-based portal or application that can be used by software companies, project coordinators and project guides. We will also develop a proper authentication system to ensure security of Projects.

4. Stakeholders

Stakeholders are those who are interested in our product in any sort of way and the product ceases to function in the absence of them . In the case of our Task Management and Scheduling Software, the stakeholders include our Customers mainly in the form of Software Companies in our case, in which the Project Managers as well as the Project Assignees are included. Other Stakeholders include Business Managers and Business Architects, who will be responsible for the economic growth of the product. Finally, the Product Development Team (i.e., Members of our Project group) which include the Technical Team, Data Architects, Database Administrator and Design Team are also part of the stakeholders.

5. <u>Use Case Diagram</u>
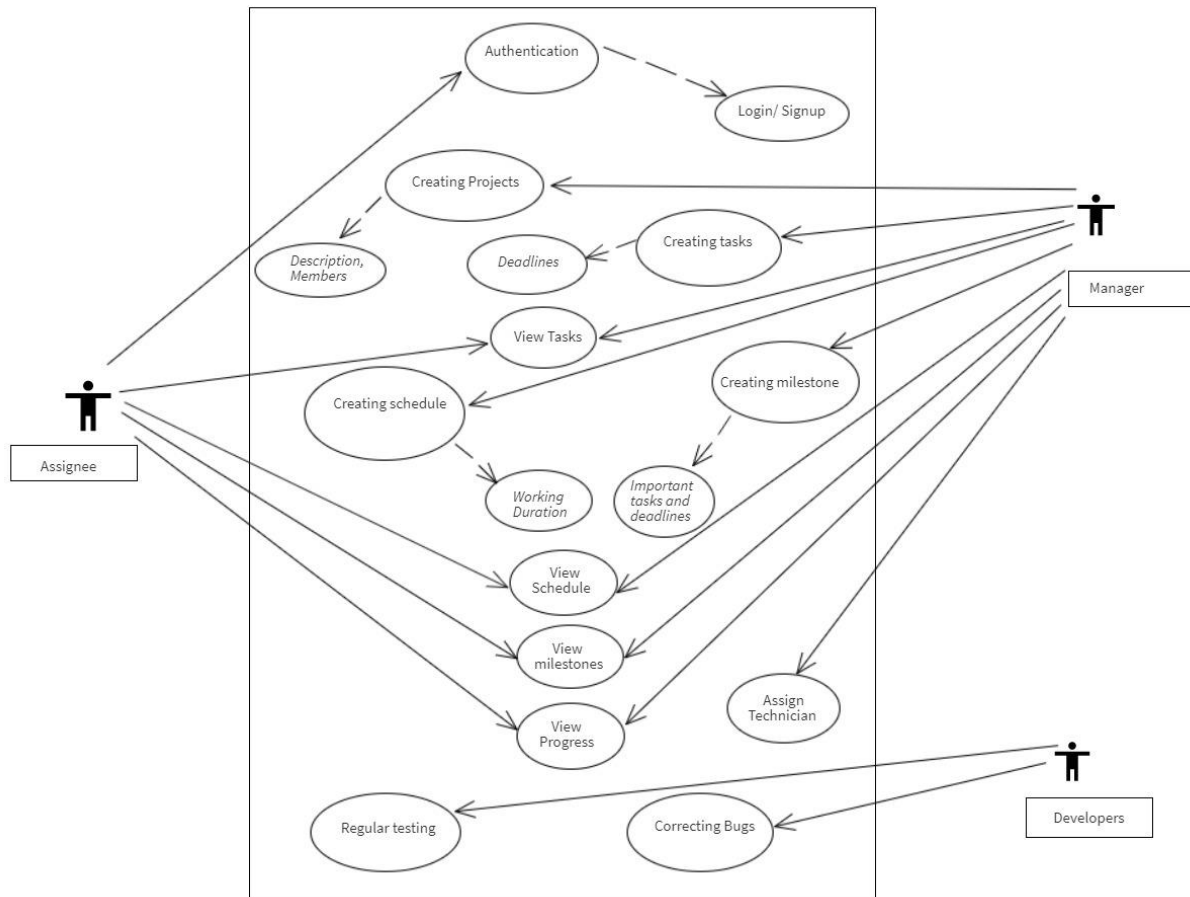
6. Graphical User Interface

● Signup(Tool Used: Figma)

TASK MANAGER

SIGN IN

SIGN UP

MAIL ID

✉

USERNAME

☻

PASSWORD

🔒

CONFIRM
PASSWORD

🔒

SIGN UP

ABOUT: 🏠

● Signin(Tool Used: Figma)

TASK MANAGER

SIGN UP

SIGN IN

USERNAME

PASSWORD

SIGN IN

ABOUT:

● <u>Home Page (My Projects)(Tool Used: Figma)</u>

HOME

ADD PROJECT

MY PROJECTS

PROJECT 1	PROJECT 2	PROJECT 3
OPEN	OPEN	OPEN

PROJECT 4	PROJECT 5
OPEN	OPEN
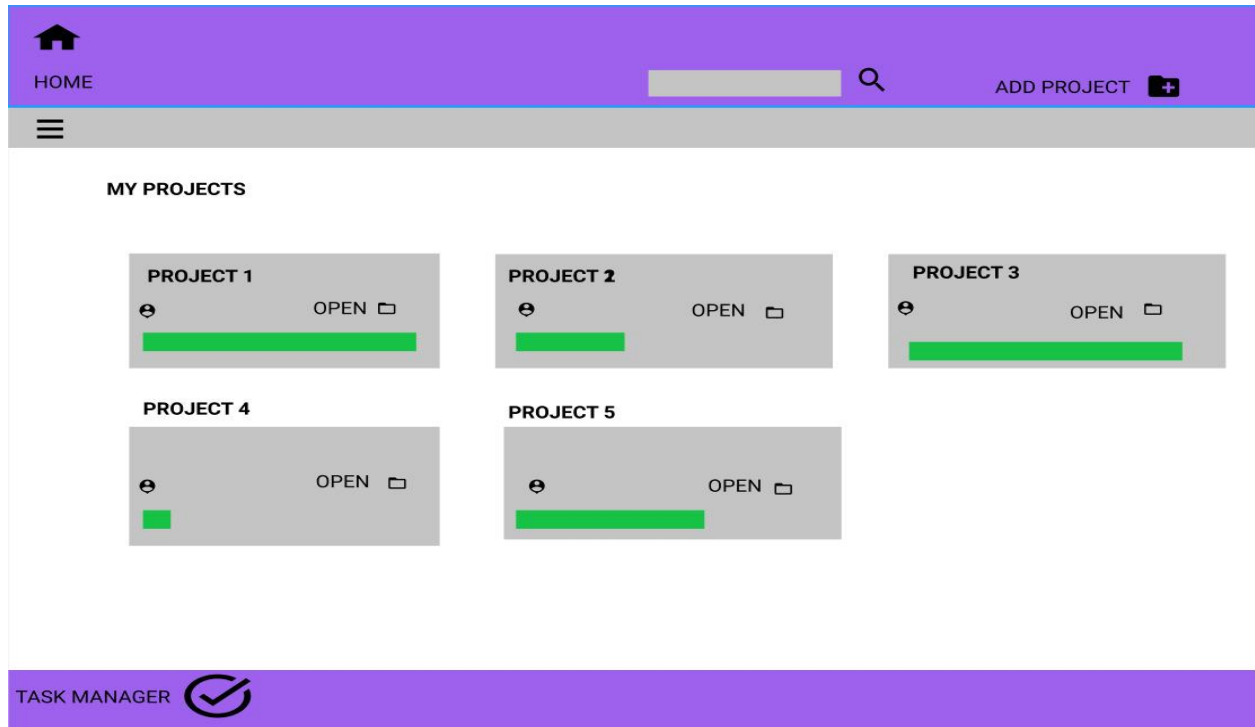
TASK MANAGER

Project Details(Tool Used: Figma)

TASK MANAGER

SEARCH 🔍

🏠 HOME

≡

PROJECT NAME

DESCRIPTION

📅 START DATE

📅 DEADLINE

🎖 LEADER

📄 TASKS COMPLETED

🏳 MILESTONES COMPLETED

⭘ PROGRESS

👥 TEAM MEMBER NAMES

● **Milestones(Tool Used: MockFlow)**

MIlestones

🔍 Search for Milestones

🕐 **In Progress**   +   ☰ **Review**   +   ✓ **Completed**   +

Milestone 3	20 April 2021	📅
Description of the milestone		

Milestone 2	20 March 2021	📅
Description of the milestone		

Milestone 1	16 March 2021	📅
Description of the milestone		

Milestone 4	24 April 2021	📅
Description of the milestone		

Title	18 March 2021	📅
Description of the milestone		

Title	14 March 2021	📅
Description of the milestone		

Title	27 April 2021	📅
Description of the milestone		

Title	19 March 2021	📅
Description of the milestone		

Title	12 March 2021	📅
Description of the milestone		

Tasks(Tool Used: MockFlow)

Home   Milestones   **Tasks**   Progress

Tasks

🔍 Search for Tasks

Planned Tasks

ADD TASK +   🕐 **In Progress** +   ☰ **Review** +   ✓ **Completed** +

Task 5	29 April 2021
Description of the task	

Task 3	20 April 2021
Description of the task	

Task 2	20 March 2021
Description of the task	

Task 1	16 March 2021
Description of the task	

Task 6	30 April 2021
Description of the task	

Task 4	24 April 2021
Description of the task	

Title	18 March 2021
Description of the task	

Title	14 March 2021
Description of the task	

Task 7	1 May 2021
Description of the task	

Title	27 April 2021
Description of the task	

Title	19 March 2021
Description of the task	

Title	12 March 2021
Description of the task	

● <u>Progress(Tool Used: MockFlow)</u>

7	17	58%
Tasks Completed	**Milestones Completed**	**Project Completed**
out of 20	**out of 21**	

Task Progress	Milestone Progress	Project Progress

- Task 1
- Task 2
- Task 3
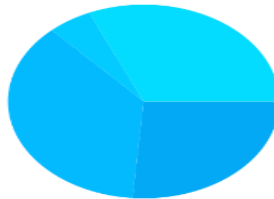
- Milestone 1
- Milestone 2
- Milestone 3
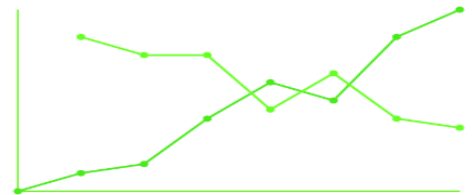
● __Schedule(Tool Used: Figma)__

Project Schedule

Tasks	Deadline	Days left	Status

● __Project History(Tool Used:Figma)__

Project History

Completed Date	Project name	Manager

Task Manager ⊘

● Project Repository(Archive)(Tool Used: Figma)

☰   🔍

Project Repository

🔍

Project 01

_____
_____
Show more ▼

Project 02

_____
_____
Show more ▼

Project 03

_____
_____
Show more ▼

Project 04

_____
_____
Show more ▼

Project 05

_____
_____
Show more ▼

Project 06

_____
_____
Show more ▼

Task Manager ⊘