

PROJECT MANAGEMENT TOOL

COLLABORATION TOOLS FOR PEOPLE TO
WORK VIRTUALLY



TEAM 1 : AVENGERS ASSEMBLE

- Akhila Katukuri
- Claudia Dsilva
- Sai Jeevan Teegala
- Vamshi Krishna Shanagonda
- Vikas Sanhotra

WHAT IS PROJECT MANAGEMENT TOOL?

- Project management tool is an aid to assist an individual, team or organization to effectively organize work, projects and tasks.
- This tool is made to be completely customizable so they can fit the needs of teams of different sizes and with different goals.
- Projects are composed of several, interconnected projects that, when combined, achieve a larger, long-term business objective.
- This means Project Management tool will need advanced features to track projects at a higher-level in order to see how each project is interacting with each other. This tool can include flexible work views, Dashboard, Reporting, Time sheets.

Benefits of Project Management tool:

- It is beneficial for all companies that manage projects, regardless of organizational size or industry.
- Any company that needs an effective method for estimating, planning, tracking can benefit from adopting this software.
- Allows you to create, implement, and manage efficient and optimized processes for all areas of team and business.
- It creates a central workspace and knowledge base for communication and tracking.
- It helps team members to coordinate tasks and automate the workflow.

WHAT WILL BE THE TOOL FEATURES? (MVP)

- Tool will have a TO DO list, where the users can list and Prioritize the tasks assigned.
- Ability to assign timeline, so that each task time can be track and deadlines be followed.
- Tool will have a Chat function, where the users can interact with the team members.
- Make a repository, where users can share documents.
- Add a Wiki page, where the team members share the knowledge gathered.
- Allows to add team members from outside the organization.

Project Management Tool Uses:

This tool can be used for:

1. Project planning
2. Project scheduling
3. Resource allocation & Capacity planning
4. Storing & sharing documentation and project records
5. Creating & publishing project reports
6. Analyzing performance of team

PERSONAS

Managers:

Managers has ultimate control over teams and projects.

Manager gets to create and allocate tasks to the team members.

Manager has to create custom roles and grant access levels to the team members.

Manager has to plan the timeline of the project.

Manager gets to keep an eye on the task status of team members.

Team Members:

Team members can see the work allocated to them along with deadlines.

Team members can be able to access the archive of tasks completed by them.

Clients:

Clients are able to see the tasks and their timelines.

Clients can be able to check the progress of the project..

TECHNOLOGIES

- Frontend: React JS
- Backend: Python
- Database: MYSQL

FUTURE SCOPE

- Teammates will have a common platform for the new projects.
- With the help of AI technologies, analysis could be done of the project.
- Selenium, Apache Jmeter, Soap UI can help to collaborate for testing the application.
- The file sharing and saving over the cloud could be possible in the future.
- Services like Microsoft Azure, AWS can also help to collaborate the project with cloud.

TIMELINE / DELIVERABLES

Activity	Start End Date	End Date	Duration	Status
Login/SignUp	09-21-2020	10-04-2020	Two weeks	Pending
Dashboard	10-05-2020	10-18-2020	Two weeks	Pending
Add Project	10-19-2020	11-01-2020	Two weeks	Pending
Add Task	11-02-2020	11-15-2020	Two weeks	Pending
All Pending Activities	11-16-2020	12-06-2020	Three weeks	Pending
Add Issue	01-24-2021	02-07-2021	Two weeks	Pending
Add Backlogs	02-08-2021	02-21-2021	Two weeks	Pending
Releases	02-22-2021	03-07-2021	Two weeks	Pending
Chat	03-08-2021	03-21-2021	Two weeks	Pending
Settings	03-22-2021	04-04-2021	Two weeks	Pending
All Pending Activities	04-05-2021	05-02-2021	Four weeks	Pending

Retrospective

What went well?

Due to communication we were able to understand the objective well

Team work helped in requirement gathering

Everyone was comfortable with the chosen technologies

What needs improvement?

Meeting schedules have to be planned carefully

Team participation requires a little improvement

Next steps

Proper availability of timings need to be discussed.

Get a clear idea of deadlines to finish the tasks as per schedule

Start working on the activities assigned



Thank You !!!