**USER STORIES**

**Project Management System(Group 19)**

**Project Manager**

**1.Progress Monitoring**

**Front:** As a project manager I want to be able to see the progress of the project so that the project can be completed efficiently in due time

**Back:** Dashboard displaying project/task progress status, task/project completion percentage.

**2.Team Communication**

**Front:** As a project manager I should be able to talk to the team members in real time via message so that we can communicate and schedule meetings accordingly

**Back:** We can provide chat sections for both project manager and team member with individual messaging and group messaging and notification for new message.

**3.File Sharing**

**Front:** As a project manager I should be able to share files with my team members so that the team members can use resources effectively

**Back:** We can provide a file sharing section where project manager can share files and can control who has access to share from the team

**4.Performance Analysis**

**Front:** As a Project Manager, I need to be able to assess the progress and quality of work done by employees on their assigned tasks, enabling me to offer feedback and make informed decisions.

**Back:** We can add a dashboard so we can see individual’s contribution to the project

**5.Notification**

**Front:** As a project manager I want to send email notification to team member timely for deadline of project or a task so that the team member is known of the deadline

**Back:** We can add a section for email notification through which the automated emails can be send timely as set

**6.Maintenance**

**Front:** As a manager I want to separate tools to help in maintaining my website regularly and try to update my website as per user requirements so it will work properly and stay up to date.

**Back:**  Regular updates and bug fixes, Proactive monitoring and support, Option to provide feedback and request features.

**7.Task Creation and Assigning**

**Front:** As a Project Manager, I need the ability to assign specific tasks to employees who are part of the project to ensure that each team member knows their responsibilities and the project progresses smoothly.

**Back:** We can add a task assigning section where the project manager can create tasks and can assign to specific members and notify members when a new task is assigned.

**8.Reliability**

**Front:** As a project manager I want the tool to be available and operational all the time with minimal downtime to complete project within stipulated time

**Back:** Minimal downtime and scheduled maintenance

**9.Security**

**Front:** As a project manager I want my files and project information to be secured so that no other employee other than my team member can access it.

**Back:** Ensuring that the employee only gets information to the project for which they are been assigned

**Admin**

**1. Progress Monitoring**

**Front:** As a business owner, I want to observe the progress of each project and task to ensure that everything is on track.

**Back:** Dashboard showing the state of the project or task, the percentage of tasks completed, and the ability to view project budget analysis.

**2.Performance Tracking & Analytics**

**Front:** As a business owner, I want to observe how my employees performs to understand where we need improvement.

**Back:** The ability to monitor productivity indicators for the individual and the team, task completion rates and histories, and notifications for client or team feedback.

**3.Scalability**

**Front:** As a business owner, I want a project management tool that can handle my business

necessities as they grow so that I don't need to switch to a new device every time my business

has a growth.

**Back:** Create a platform that can support numerous projects, users, and tasks without sacrificing performance. The technology should be scalable to the business's expanding needs.

**4.Security**

**Front:** As a business owner, I want my project management tool to have efficient and strong security measures to protect sensitive data.

**Back:** To ensure that only authorized workers may access critical information, use strong security measures including encryption, encrypted logins, and access controls.

**5.Performance**

**Front:** As a business owner, I want my project management tool to be fast and responsive to

manage my projects efficiently.

**Back:** Enhance the tool's functionality to reduce load times and manage several requests at once. The gadget should fulfill user needs and offer a seamless experience.

**6.Reliability**

**Front:** As a business owner, I want my project management tool to be always available so that

my team can access it whenever needed.

**Back:** Implement backup and recovery systems, load balancing, and other strategies to maintain the tool's uptime to guarantee high availability and little downtime.

**7.Compatibility**

**Front:** As a business owner, I want my project management tool to be compatible with various

devices and web browsers so that my team can access it anytime anywhere.

**Back:** So that customers may access the tool from PCs, laptops, tablets, and mobile devices, make it cross-platform and cross-browser compatible.

**10.Maintenance**

**Front:** As a business owner, I want my project management tool to be regularly updated and

maintained to remain up-to-date and secured.

**Back:** Implement a regular maintenance schedule to keep the tool updated, fix any bugs, and

implement the latest features if required.

**11.Customization**

**Front:** As a business owner, I want my project management tool to be customizable so that I

can tailor it to my business's specific requirements.

**Back:** Develop the tool to be customizable, allowing businesses to add or remove features and

customize the interface to their liking.

**12.Protection**

**Front:** As a admin I should be able to remove a employee from company who is no longer working so that he does not have any access to important files

**Back** : An option to keep track of the number of employees and have an option for removing them.

**Team Member**

**1. Login Details**

**Front**: As a team member, I want to be able to log in to the Project Management System with my unique credentials, so I can access the platform.

**Back**: The login page should allow me to view my assigned projects on a dashboard upon successful authentication, receive an error message for incorrect credentials, and ensure secure handling and storage of my login information.

**2. Dashboard**

**Front**: As a team member, I want to see a dashboard that displays a list of projects I am a part of, along with their current statuses, deadlines, and priority levels, so I can have a clear overview of my tasks and responsibilities.

**Back**: Create a dashboard showing the user's projects with statuses, deadlines, and priority levels for effective task and responsibility management.

**3. Self Performance Analysis**

**Front**: As a team member, I want to track my performance for scope of improvement.

**Back**: Can view some performance tracking indices and record of his/her previous works.

**4. Team Communication**

**Front**: As a team member, I want to have a collaborative space where I can communicate with other team members through comments, discussions, or chats within the project context, so we can efficiently discuss project-related matters and share ideas.

**Back**: Chat feature for individual team members or groups, Ability to share files and media within chat, Notification system for new messages.

**5. Notifications**

**Front**: As a team member, I want to receive notifications or updates whenever there are changes to the projects I'm involved in, so I can stay informed and updated on project developments.

**Back**: Implement project-related notifications for the user to stay informed about any changes or updates.

**6. Access Control**

**Front**: As a team member, I want the ability to update the status of tasks assigned to me, mark them as complete, and provide comments or notes regarding my progress, so the project manager and other team members can track the task's status.

**Back**: Implement a user-friendly interface for updating task statuses, marking tasks as complete/in-progress, and adding comments, ensuring seamless visibility of these updates to promote collaboration among team members and project managers.