**Goal of the App**

* It is for easy visualizations, viewing, and management of tasks. It is for peers to be able to review and look over each other’s work.

**Feature List**

**Menu: Aditya & Calista**

**Description**

* As a user, I would like to have access to the following features: profile setup, activity feed, and dashboard from a menu that is present on all screens.
* As an admin, I would like to have access to all of the same features as a user, with the addition of an admin panel from a menu that is present on all screens.

**Constraints**

The admin panel should be a menu option that is only present if the current logged in user is an admin.

**Register and Login**

**Description**

* As a user, I want to be able to login to my specific account to see my tasks and activity feed.
* As both a user and an admin, I want to be able to register a new account to be used in the system.

**Constraints**

Login info needs to be validated and only information pertaining to that specific user/admin should be displayed upon successful login. When registering usernames need to be unique and contain letters and numbers only. Both passwords and usernames should be between 6 - 25 characters long.

**Admin Setup - Manage members and groups: Rashaad & Storm**

**Description**

* As a project manager, I want to be able to add new employees and groups to the system in order to accommodate my growing company.
* As a project manager, I want to be able to add a task board to a specific group so that my employees will only see the tasks relevant to their position.

**Constraints**

This feature should only be able to be done by an admin/manager role. All users created must have a username/password combination of 5-20 characters, and all groups should contain at least one user. Each group should also be assigned at least one task board as well.

**Manage tasks: Aditya & Samantha**

**Description**

* As both a manager and an employee, I want to be able to add new tasks to the group board so that we can complete tasks as they arise.
* As a store owner, I want to be able to assign tasks to specific employees so that they know what they should be doing at all times.
* As a store clerk, I want to be able to take ownership of tasks before my boss assigns them to me so that I am not waiting on tasks to be assigned.
* As a project manager, I want to set strict deadlines for tasks to be completed so that my employees know how to prioritize their actions.
* As a project manager, I would like for the tasks to be assigned with a “man hours” associated to it so that there is a difficulty associated with the task.
* As a team member, I would like there to be a handoff feature in which I can give a task to a group member that is more qualified and they sign to confirm they are accepting the task.

**Constraints**

Tasks created are required to have a title, description, man-hours required and a deadline for the task to be completed. The deadline cannot be set for a date in the past. The handoff can be initiated any time the task is set to “in-progress” and must be confirmed by another team member before ownership is actually transferred.

**Task progress: Samantha & Calista**

**Description**

* As a group member, I want to be able to indicate my progress towards completing the task so that my manager can quickly glance and see how much I have progressed.
* As a group member, I want to be able to upload screenshots to my task so that I can further show the work that I have completed.

**Constraints**

The amount of steps in a specific task is dependent on the task assigned. Team members not handing off tasks properly to other people.

**Notifications: Rashaad & Storm**

**Description**

* As a team member, I would like to receive notifications whenever someone has requested assistance or has passed a task off to another member.
* As a team member, I would like to receive notifications whenever someone has left a comment/feedback on a task I completed.
* As a team member, I would like to receive a notification every time a task is assigned.

**Constraints**

Notifications must be enabled in order for this feature to be used.

**Time tracking: Aditya & Rashaad**

**Description**

* As a project manager, I would like to see the total amount of time someone has devoted to individual tasks and the project.

**Constraints**

Everyone can see the time someone has devoted to individual tasks but the time devoted to the project should only be seen by an admin/manager role.

**Peer review system: Calista & Storm**

**Description**

* As a project manager, I would like to see when someone has looked over the completed tasks.
* As a group member, I would like my work checked over before a task is finalized.

**Constraints**

Reliant on a member’s ability to peer review and voluntary time to view others' work.

**Comments**

**Description**

* As a group member, I want to be able to leave comments on tasks so that I can document my progress and encourage my team members.
* As a group member, I want to be able to upload screenshots to my task so that I can further show the work that I have completed.
* As a manager, I want the capability of deleting inappropriate or detrimental comments on the system to be sure that employees behave appropriately.

**Constraints**

Managers should be the only ones able to delete comments and pictures. Comments should be less than 250 characters and a max of 5 pictures can be uploaded to each task.

**Google Calendar**

**Description**

* As a team member, I would like there to be a feature to add a task to my Google Calendar so that I can get both push and email notifications when I have a task due that day.

**Constraints**

The title of an event on google calendar must be the same as the title of the task. Users must have a google account in order to use this feature.

**Solution Sketches**

Menu Feature

A close up of a piece of paper

Description automatically generated

Task Progress Feature

A close up of text on a whiteboard

Description automatically generated

Peer Review System Feature

A close up of a piece of paper

Description automatically generated

**Interface Design Creations**

Menu Feature

A screenshot of a cell phone

Description automatically generated

Task Progress Feature

A screenshot of a cell phone

Description automatically generated

Peer Review System Feature

A screenshot of a social media post

Description automatically generated