

Project Midpoint Evaluation

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# Application Overview

We are creating a website that will serve as a cloud-based project management tool. The information capture through the website will be sent to a backend Database for storage and easy user access.

The main features for the application were going to be as follows:

1. Users can create an organization or join an existing organization using a join link.
2. A user’s access to information and/or actions are controlled by a role-based permissions system that can be modified by an administrator. The creator of the organization is set as an administrator by default.
3. An administrator can create a new project and assign team members to that project from members within their organization.
4. Users will be able to select between projects that they are currently working on from a “project hub”.
5. Within any given project, a user will be presented with a meeting schedule and a list of active tasks.
6. Users can update their unavailability and a backend API will automatically adjust any meetings scheduled to suggest a new best meeting time for the people on the attendance list.
7. For each active task, users can view the deadline for that task, create subtasks, or check off tasks/subtasks they have completed.
8. Each active task has a section to take notes, post comments, and upload relevant files.

# Changes made to the original design.

Due to time constrains, we decided to remove the scheduling part of the application. Therefore, from the original 8 features mentioned above, we removed:

1. Within any given project, a user will be presented with a meeting schedule and a list of active tasks.
2. Users can update their unavailability and a backend API will automatically adjust any meetings scheduled to suggest a new meeting time for the people on the attendance list.

Additionally, each active task will have a section for notes or comments. The application will not have the ability to upload files.

# Architecture Updates

This Diagram reflects the changes made from the original design.

UPDATED FLOW DIAGRAM

TASK

DASH

ID

API

API

API

DATA

WEB

SITE

# Status of All tasks for this Application

The table below shows the breakdown of each task by responsibility and timeline:

|  |  |
| --- | --- |
| TASK | STATUS |
| Login and Profile page which require firebase authentication | Phase I – Oct 26 |
| Dashboard page for the summary of all tasks | Phase I - Oct 26 |
| Tasks information page for the detail description of the user tasks | Phase II - Nov 30 |
| Schedule page for meetings and project deadlines. | Removed from original design. |
| Database design/creation | Complete |
| Data Creation for testing | Complete |
| API for data loading | Partially complete |
| API for personalized data | Phase I - Oct 26 |
| API to add/remove comments | Phase III - Dec 5 |
| API to handle meeting schedules | Removed from original design. |
| API to handle user availability | Removed from original design. |
| Visual Design | Phase III - Dec 5 |
| Testing | Phase II – Nov 30 |
| Final Product Testing | Phase II/III |

# Screenshots of the work completed.

Figure 1. Sample of Front End – page1

Figure 2. Sample of Front End – page 2

Figure 3. Sample of Back End Tables

A screenshot of a computer program

Description automatically generated

A screen shot of a computer code

Description automatically generated

A screenshot of a computer code

Description automatically generated

A screenshot of a computer code

Description automatically generated

A computer code with text

Description automatically generated with medium confidence

A computer code with text

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A screenshot of a computer code

Description automatically generated

A screenshot of a computer code

Description automatically generated

Figure 4. Sample API code

A screen shot of a computer program

Description automatically generated

A computer screen shot of code

Description automatically generated