

# Milestone 1

**Team Number:** 102-3

**Team Name:** Sweet Victory

**Team Members:** Christopher Beggs, Ian Sexton, Chad Wireman, Rahul Depa, Brooke Stevens, Jacob Carlson

**App Name:** MicroManage ( $\mu$ )

## **App Description:**

The application will allow users to create work schedules and reminders on a calendar. It will incorporate all the elements of a standard calendar (events and notifications), along with time distribution strategies. For example, a project with 120 total necessary minutes that is to be completed in three days will be split up into 40 minutes per day. Naturally each task or notification can be edited and deleted. Additionally events can be sorted by their priority which will be color coded. If time permits, events shared between accounts to be completed as a group will be completed.

Such an arrangement would create a synergy between productivity and organization and discourage procrastination. Without adding additional time for planning, the user will work efficiently without any hassle. This establishes the ultimate form of scheduling, as it serves a far more useful purpose than any other.

## **Vision Statement:**

We strive to create the most intuitive and productive experience for scheduling and time distribution.

## **Version Control:**

We will be using GitHub for our version control management. Rahul has the repository for the Milestones, Chad has the repo for the Code, and Brooke has the repo for the meeting minutes. We are currently unable to add our TA as a collaborator to the repositories because we cannot find her git account. The GitHub repos are all public anyway, so anyone can view it.

## Milestone Repository Screenshot:

The screenshot shows the GitHub repository 'rahuldepa / Milestones'. The top navigation bar includes links for Code, Issues (0), Pull requests (0), Projects (0), Wiki, Insights, and Settings (selected). The repository has 1 Watch, 0 Stars, and 0 Forks. The left sidebar shows navigation options: Options, Collaborators (selected), Branches, Webhooks, Notifications, Integrations & services, Deploy keys, Moderation, and Interaction limits. The main content area is titled 'Collaborators' with a sub-header 'Push access to the repository'. It lists five collaborators: Jacob (imjncarlson), Brooke Stevens (brookestevens), sanitas1300, clbeggs, and chadwireman4. Below the list is a search bar with the text 'Search by username, full name or email address' and a note: 'You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.' An 'Add collaborator' button is at the bottom right.

Collaborator	Push access to the repository
Jacob imjncarlson	×
Brooke Stevens brookestevens	×
sanitas1300	×
clbeggs	×
chadwireman4	×

Search by username, full name or email address  
You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.

Add collaborator

## Meeting Notes Repository Screenshot:

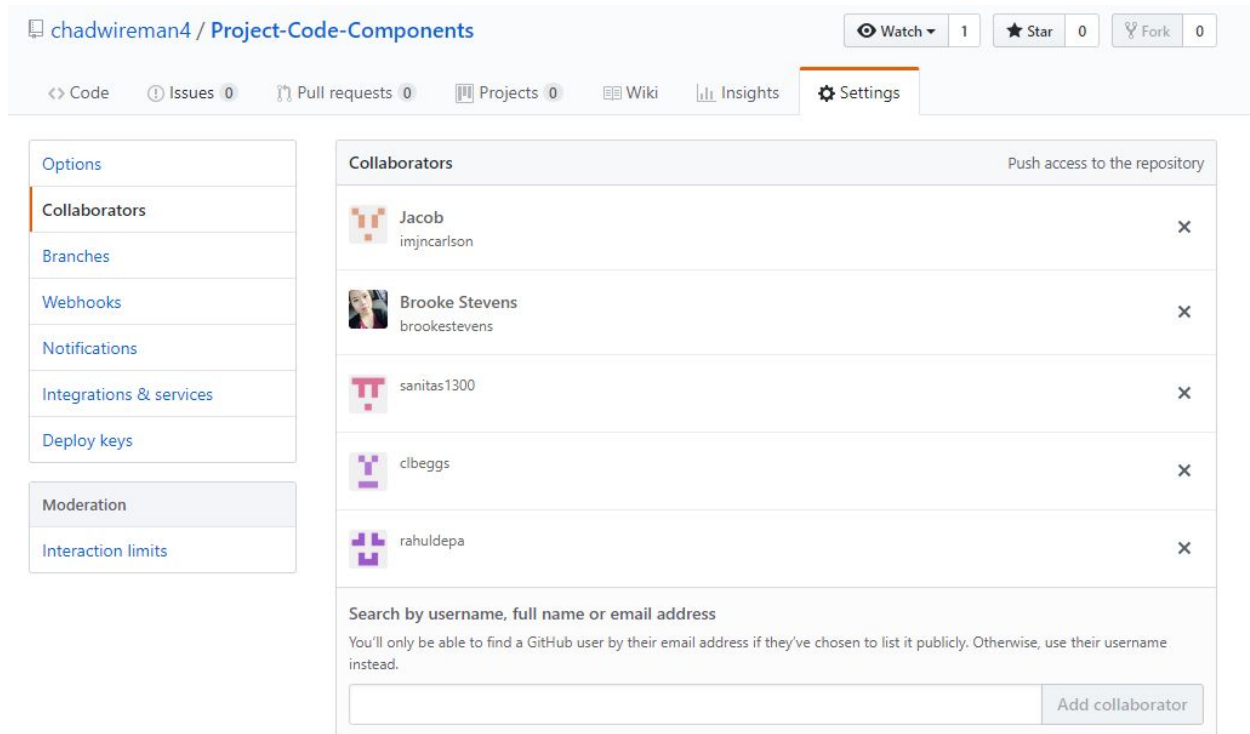
The screenshot shows the GitHub repository 'brookestevens / Meeting-Notes'. The top navigation bar includes links for Code, Issues (0), Pull requests (0), Projects (0), Wiki, Insights, and Settings (selected). The repository has 1 Watch, 0 Stars, and 0 Forks. The left sidebar shows navigation options: Options, Collaborators (selected), Branches, Webhooks, Notifications, Integrations & services, Deploy keys, Moderation, and Interaction limits. The main content area is titled 'Collaborators' with a sub-header 'Push access to the repository'. It lists six collaborators: Jacob (imjncarlson), sanitas1300, clbeggs, rahuldepa, and chadwireman4. Below the list is a search bar with the text 'Search by username, full name or email address' and a note: 'You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.' An 'Add collaborator' button is at the bottom right.

Collaborator	Push access to the repository
Jacob imjncarlson	×
sanitas1300	×
clbeggs	×
rahuldepa	×
chadwireman4	×

Search by username, full name or email address  
You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.

Add collaborator

### Project Code Components Repository Screenshot:



### Development Method:

We plan to use the iterative design method. This would ensure that we have the most user friendly app. Along each iteration, we would get feedback from potential real users. This would give us immediate feedback on how we can make it better. This would also let us make a basic working app and then be able to add more features as we go through more iterations. It would only be limited by our time.

### Communication Plan:

Our primary form of communication for individual and group collaboration will be slack. We will be able to update each other on progress and collaborate on repositories/milestones through slack as well. Additionally, we will be using google drive in order to simultaneously work on documents/milestones. If there are any urgent concerns which cannot be addressed in-person during our group meeting times, we will briefly discuss our concerns/new developments during our recitation (Wednesdays at 2 p.m.).

### ***Proposed Architecture Plan:***

We will be developing an app for the web. We will be creating a web application that can run in all browsers and will be fully responsive. We will host it on the creative cloud server and use the React JavaScript library for the front end and Postgresql for our back end. In addition, we will use html/css and jQuery. We are going to half of the team working on the front end and the other half for the back end. We will collaborate on bridging the two together as a team.

### ***Meeting Plan:***

We have decided to meet on Thursdays at 5pm. We have a back up time on Tuesdays at 5 pm. We will be meeting together in person in the Gemmel Library. If we decide to meet on the weekends, then we will meet in the Engineering Center.