Milestone 2

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 (μ)

Project Feature List

- A working calendar that can be updated for future and past days and or months
- Event management: application needs to be able to add and remove events
- Task prediction calculator: a view of some sort that can show how long one would need to work on each task every day to get it done before the due date
- Be able to schedule meeting with others based on available times from other group members
- An alert system that notifies a person if they have a schedule conflict
- Different themes to change to look of the application
- Two-step Verification: two factors of authentication to verify that the user is who they claim to be
- Offline Capabilities: Work on creating the application as a progressive web application
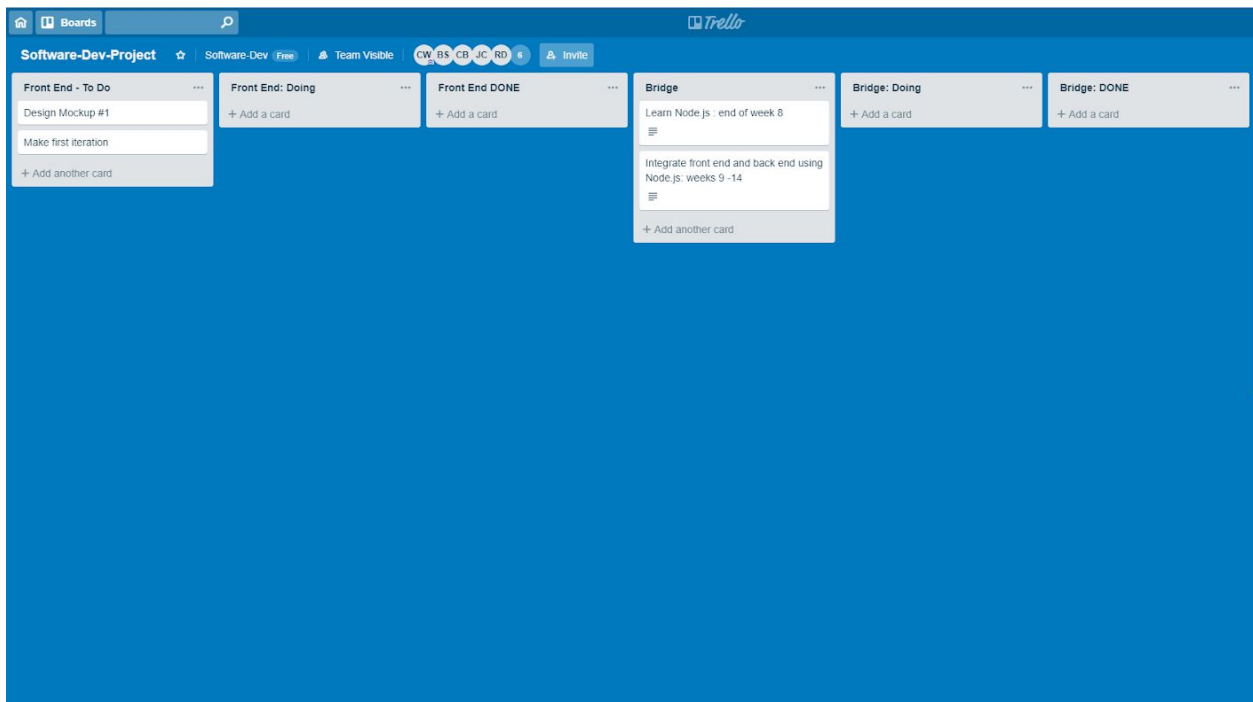
Requirements

Functional:
- Schedule appointments
- Notifies user before event
- Email/text reminders
- Track long term projects
- Offline features
- Time-per-day planning
- Two-step Verification
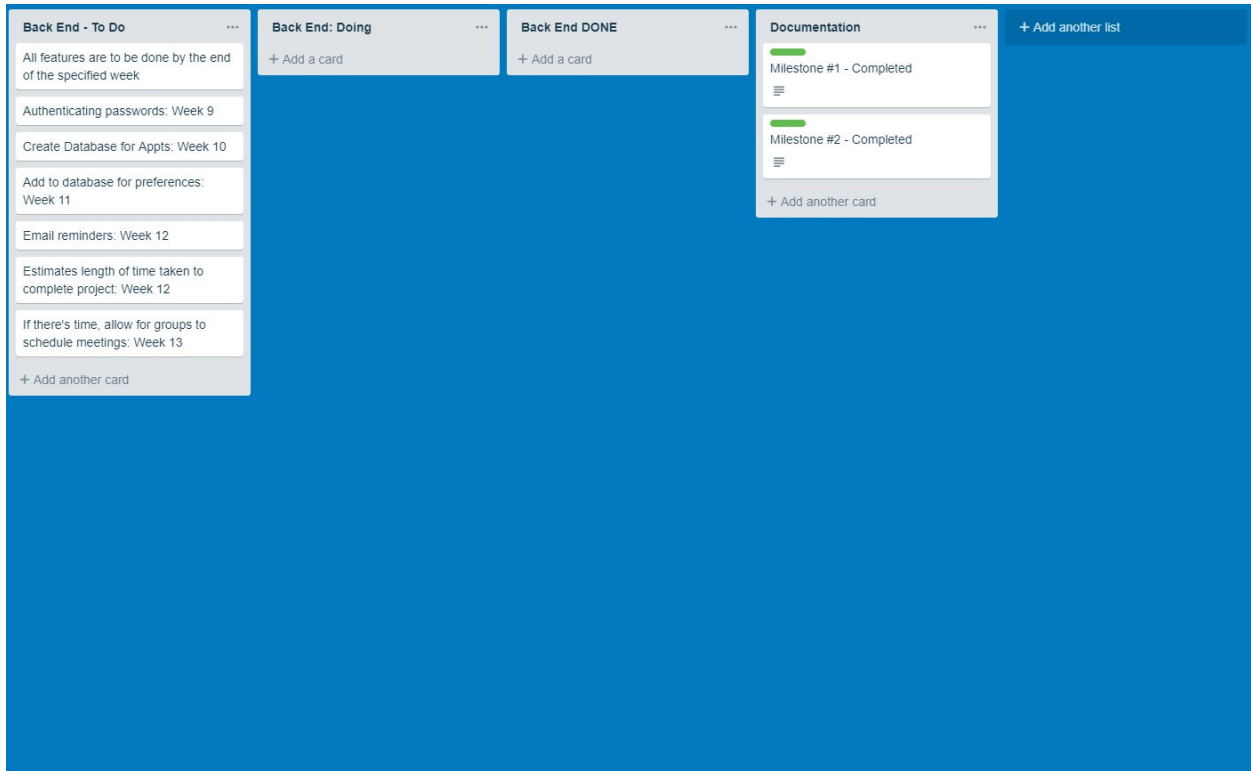- Sign-in Page
- Multiple Themes

Non-functional:
- Checks passwords against stored file, restricting access to authorized users
- Emails or texts user automatically in the case of upcoming appts
- Stores preferred theme in relational database, set of colors in another
- Stylish representation of sign-in page with html, CSS
- Estimates how long projects will take taking into account args of est. time, actual time taken of previous assignments
- Responsive
- PostgreSQL for database of each appointment
- Security

Project Plan

We are going to use Trello for our project management tool. We will have boards for assigned, in progress, and done tasks for both the front and back end.

Screen Shots:

Back End - To Do

All features are to be done by the end of the specified week

Authenticating passwords: Week 9

Create Database for Appts: Week 10

Add to database for preferences: Week 11

Email reminders: Week 12

Estimates length of time taken to complete project: Week 12

If there's time, allow for groups to schedule meetings: Week 13

+ Add another card

Back End: Doing

+ Add a card

Back End DONE

+ Add a card

Documentation

Milestone #1 - Completed

Milestone #2 - Completed

+ Add another card

+ Add another list

Front End:

 Brooke: Prototypes, React UI components
 Chad: Prototypes, React UI components

Bridge:

 Jacob: Node.js
 Rahul: Node.js

Back End:

 Chris: Postgres to manage users and schedules
 Ian: Postgres to manage users and schedules