Team Number: 105_3

Team name: while(e_coyote)

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Project Features List:

- User creation and login
 - Description:
 - Users can create an account and log in
 - Password recovery
 - Tasks:
 - Frontend login page development
 - Design aesthetics, integrate with backend
 - Backend login page development
 - Add registration functionality
 - Add login functionality
 - Database login page development
 - Store user info (passwords) securely
 - Let backend query user info for account information and hashed passwords
- Calendar landing page
 - Description:
 - When you log in, the home page will show your schedule for the current week
 - Tasks:
 - Design theme for page including CSS templates and HTML

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- Recurring event capability
 - Users can add recurring events to the calendar (practices, school, work, etc)
 - Repeats every <frequency> until <end date> (or forever)
 - Recurring events are stored in a simple JSON object, and then dynamically placed into calendar
- Project planning capability
 - Users can add "project" that is planned out for them
 - Calendar will suggest times to work based on user availability, project due dates, and other active projects
 - Calculate free time slots in schedule between start and end date.
 - Place events into free slots, try to spread as even as possible
 - Events are stored in their own JSON objects and then dynamically placed into calendar
- Calendar shifting capability

- User can adjust the time window displayed on the calendar (months, years)
- The calendar is just a really html big table, each time user pages to new view calendar is dynamically updated by removing old events and refreshing with current events.
- Reminders capability
 - Calendar will send reminders a few days before due dates through email
- Aesthetic tweaking capability
 - User can adjust color of events in calendar

Stretch goals:

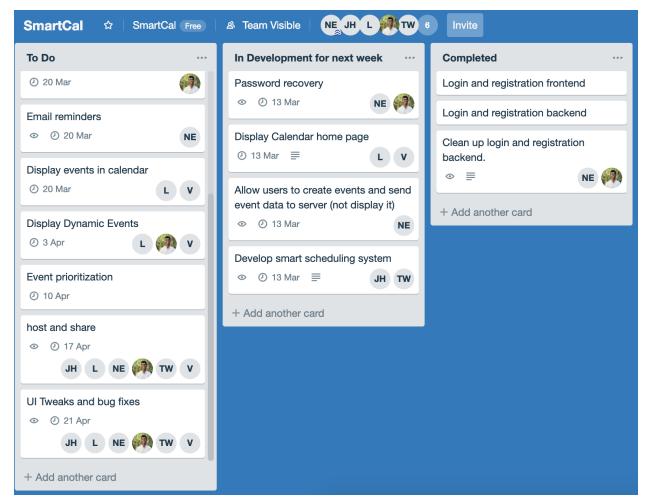
- Users can set the priority of events and projects so time can be shifted around accordingly
- Clicking events pops up info about them (links, descriptions, etc)

Requirements:

- A digital calendar FUNCTIONAL
- Login and registration FUNCTIONAL
- Reminders FUNCTIONAL
- Project planning FUNCTIONAL
- Recurring events FUNCTIONAL
- Add, modify and delete events FUNCTIONAL

Project Plan:

Using Trello as Kanban board to manage feature implementation:



https://trello.com/invite/b/6By803Hq/3981493e5dc146a0212f81a2ed7d0ba9/smartcal