Milestone 5

Who:
- RJ
- Hunter
- Kyle Pfromer
- Reiko
- Sarah

Title: Glootie - Sleep Tracking Application

Libraries:
- Jest- Test Runner - https://jestjs.io/

1. Account Creation
    a. Account is created after the user registers with an email and password from where their account is stored in the backend.
        i. User would enter their email and password in the inputs then click submit and should be redirected to preferences page
    b. Account page shows error if user already exists with the email
        i. Should show error alert that user already exists with the email
2. Daily Data Storage
    a. After filling out the daily questionnaire, stats are stored in the backend.
        i. Each option will be adjustable via a slider from where when the user submits the form, the database will be updated.
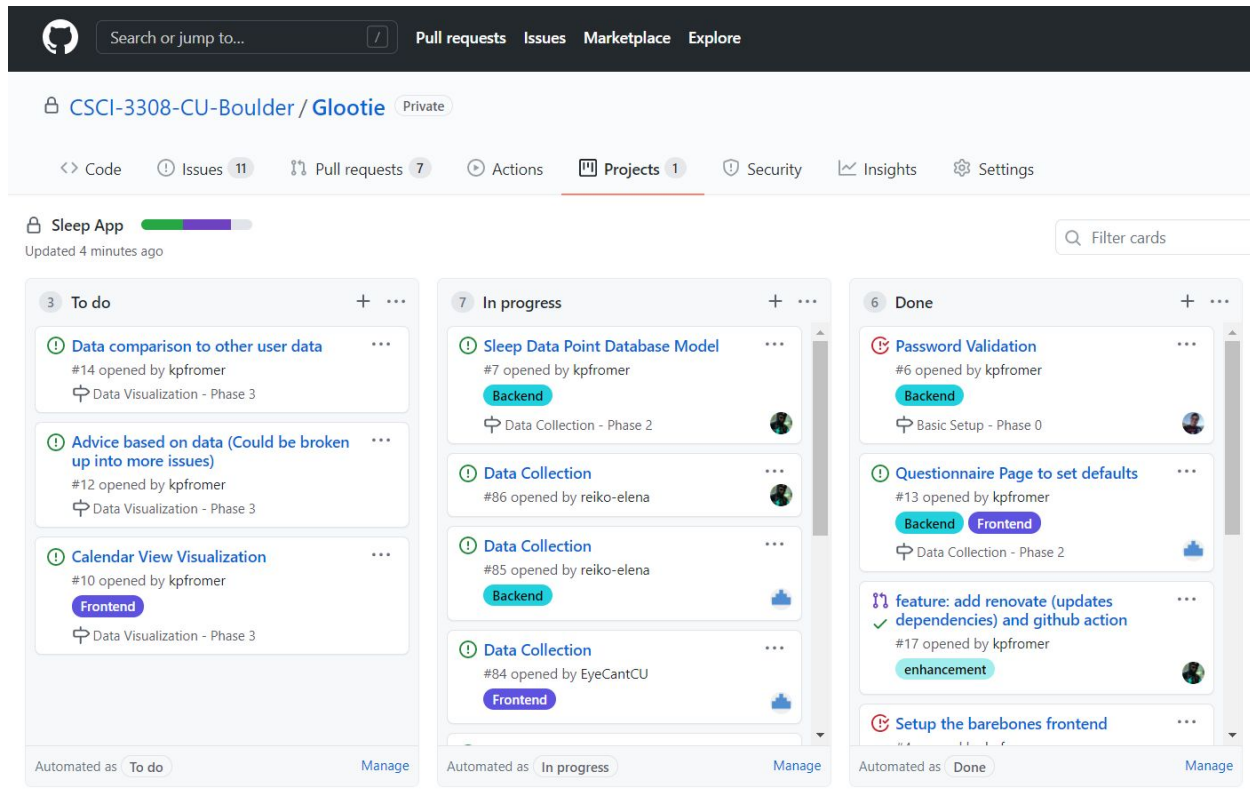   ii. The user can return to a particular day of data and change previously stored metrics.
3. Data Visualization
    a. Daily metrics stored are represented visually on the frontend.
        i. After form submission, the data visualizations will be presented on the frontend
        ii. Metrics still displayed with garbage values in the database.
4. User Selects Preferences and saves it to the backend table
    a. User clicks checkbox to save their preferences, then clicks the submit button
    b. Sleep Metric inputs are conditionally shown based on the user preferences
        i. User would load the metric page and see only the inputs that they need

Individual Contributions:

*Jira had been used in the past but the team has since switched to GitHub as it is convenient to update as we contribute to and review our codebase.

- RJ:
  - Contributions: Backend support for user preferences, partial backend for sleep data visualizations
  - Last commit: backend: Add support for user preferences
- Hunter:
  - Contributions: Created data visualizations for user sleep data
  - Last commit: https://github.com/CSCI-3308-CU-Boulder/Glootie/tree/dataVisualization
- Kyle:
  - Contributions: Add auth checking for routes that need users to be signed in for
  - Last commit: https://github.com/CSCI-3308-CU-Boulder/Glootie/pull/82/commits/c3ecdb9b254fa71342ec89f631046f39e5e2f561
- Reiko:
  - Contributions: Data Settings page using React, TypeScript. Data Log, where users can track their chosen metrics using React, TypeScript, TypeORM.
  - Last commit https://github.com/CSCI-3308-CU-Boulder/Glootie/pull/82/commits/a0bc42b9a7e4faebd9fec5f234645a29c04e6fe8
- Sarah:
  - Contributions: Login and Register frontend using React, TypeScript

- ○ Last commit:
  https://github.com/CSCI-3308-CU-Boulder/Glootie/tree/registraton_pg_2