# Milestone 3

**Completed features:**

**Frontend**
- Login page: This is integrated with the backend
- Data Settings page: The user can view what metrics they have opted into tracking and edit these metrics (not yet integrated with the backend)

**Backend**
- Login: Verifies user information and validates against created users
- Registration: Stores known users. Verifies against known users using m
- PostgreSQL and TypeORM for handling entities
- Password encryption via bcryptjs

**Features working during demo:**

All of the above

**Issues during development/demo:**

During development, we ran into an issue where the frontend required a hotfix to get the process of logging in functioning correctly. The team also had to pick up several technologies that were not covered in the course. Simultaneously learning several new tools and languages and utilizing all of them on the same module was quite challenging but will ultimately be rewarding. We also lacked a registration screen as we did not realize the importance of including one by this milestone.

**TA suggestions:**

Vishwanath suggested that we implement a mobile version, as users would likely want to access the app on their phones, but conceded that a web app was sufficient. He said that our next steps should be to start working on more features, specifically the data visualization and a daily notification for the user. Vishwanath's overall assessment was that we did a good job.

**Individual contributions:**
- RJ: PostgreSQL and TypeORM implementation
- Hunter: Login, register mutations (backend) and password encryption/ login tokens
- Kyle: Integrating the graphql backend with frontend (apollo graphql) which handles sending authentication tokens
- Reiko: Data Settings page using React, TypeScript
- Sarah: Login frontend using React, TypeScript