ProManage

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What does Promanage do?

- Allows for managers to assign tasks to employees.
- Allows employees to view tasks and mark tasks as completed.
- Allows managers to view employee progress and send announcements to employees.
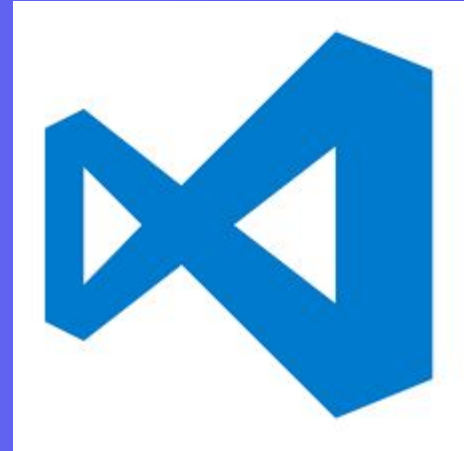
GitHub

- Used as a repository for ProManage.

- Used for documentation of Promanage.

- Allowed our team of five people to collaborate effectively.

- ⅘ stars, we have issues with pushing changes at the same time but overall very good.

Visual Studio Code

- We used Vscode to write ProManage
- Helped with version control and worked seamlessly with Git.
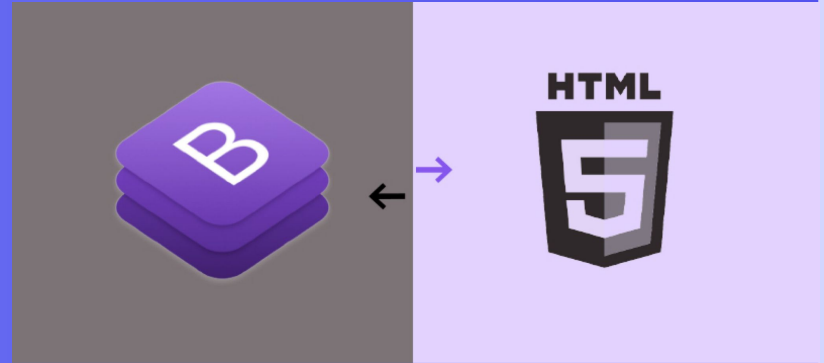- 5/5 stars, best IDE.

Node.js

- Server Framework: The express module handles HTTP requests.
- Template Rendering: We used Handlebars for all of our pages.
- Interaction with PostgreSQL
- Password and session management
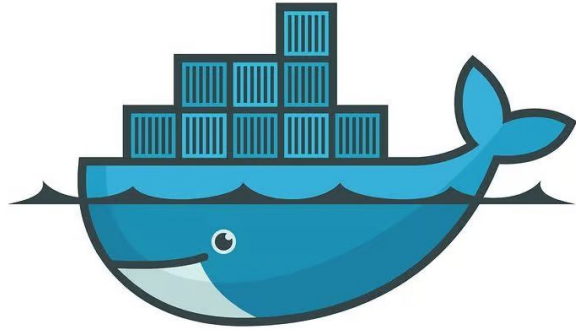- Rated ⅘ stars, hard to use but worked well.

HTML,Bootstrap and CSS

- We used HTML and Bootstrap to write the front end code for Promanage.
- This includes many features such as buttons, textbars, pictures, and other features.
- We rate these tools a 5/5 because they worked flawlessly and made ProManage look very good.
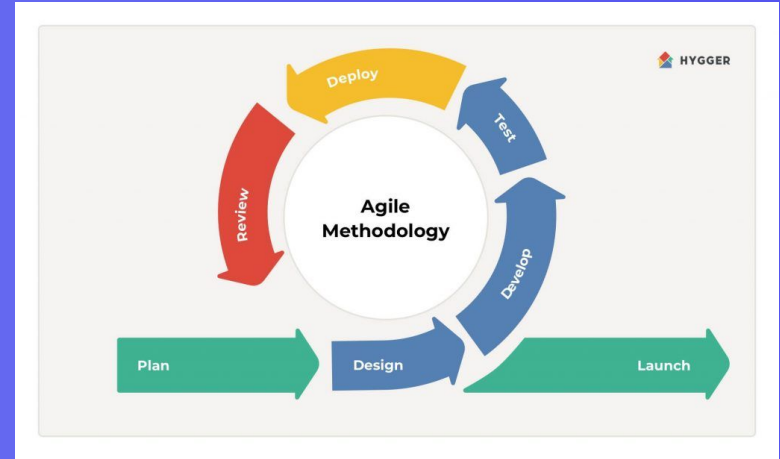
Docker

- Used for containerization of ProManage
- We rate Docker 3.5/5 stars because we had issues but it worked well for the most part.
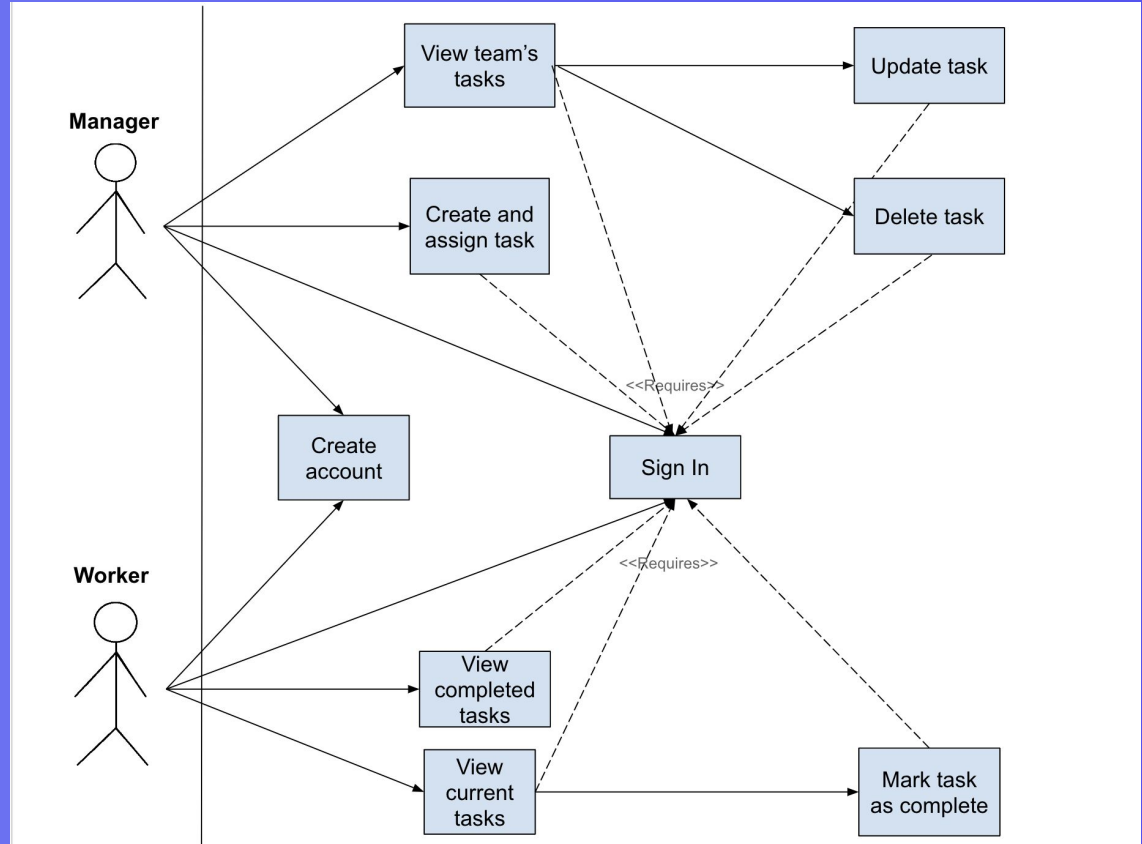
Methodology

- Our group used the Agile methodology.
- We had weekly zoom meetings where we discussed each person's goals and contributions.
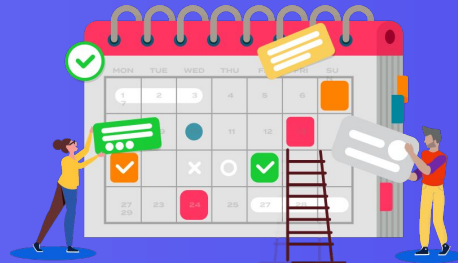
Architecture Diagram

Challenges Faced

- Version Control Issues/Github Issues
- Docker Container Issues
- Finding A Ideal Meeting Time/Scheduling Conflicts
- Frontend JS

GitHub

Future Scope/Enhancements

Live chat in app

Host meetings in app

Classroom Version

Our product could be modified for teachers to assign students work and link video call

Calendar

Demo

Here we will show how to use ProManage!

Questions?