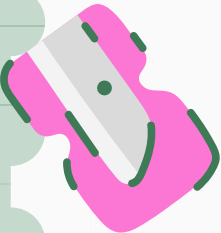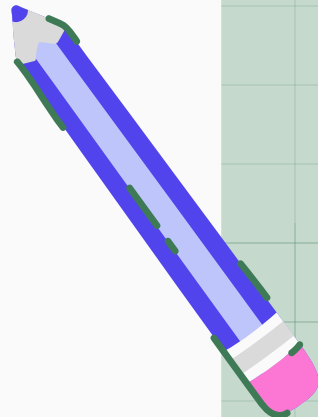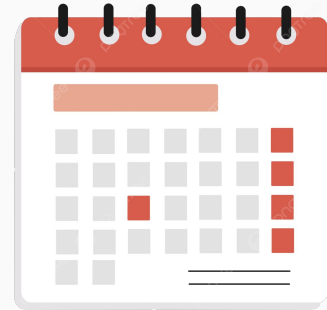# Lock-In Learn

Made by: Erubiel Huerta, Liam Sweeney, Sophie Tu, Lilian Sobernheim, and Cadence Fong
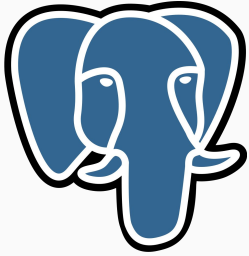
What is Lock-In Learn?

- Academic planner/calendar
- Student-centered website
- Focused on helping with time management and productive study habits
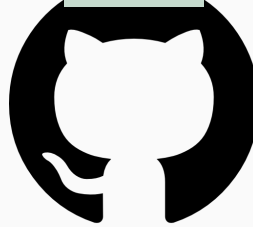- Message board used to foster community and allow users to ask questions

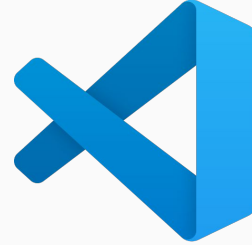# Tools Used With Ratings

PostgreSQL

Database management system (4/5)

GitHub/GitHub Project Tracker

Shared repository with a project board feature (5/5)

Visual Studio Code

IDE that can easily access a cloned Git repository (4/5)

HTML & Handlebars

Markup language and template compiler (4/5)

NodeJS

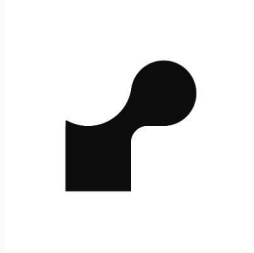Open-source JavaScript runtime environment (5/5)

Nodemailer/Node-cron API
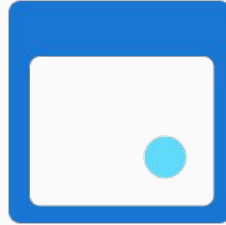
Used for sending emails and scheduling tasks (4/5)

Tools Used With Ratings

Render

Cloud application platform (5/5)

FullCalendar

Provided documentation and features for the calendar (5/5)

Mocha

Testing framework for NodeJS (4/5)

Express
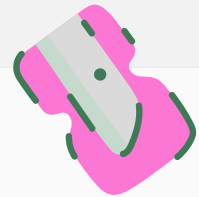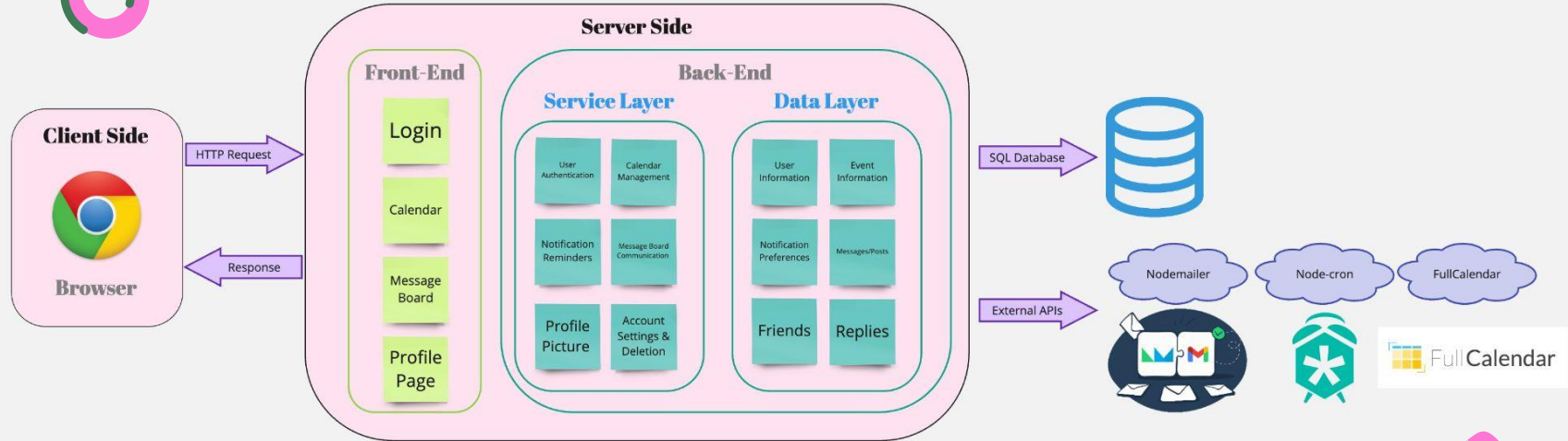
Node.js web application framework (4/5)

Agile SCRUM Methodology

steps involved in SCRUM ACTIVITIES

1) Planning meetings
2) Execution
3) Daily follow-up
4) Review meeting
5) Retrospective meeting

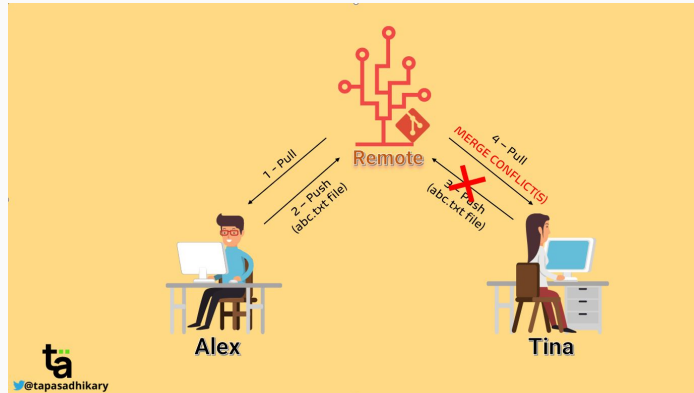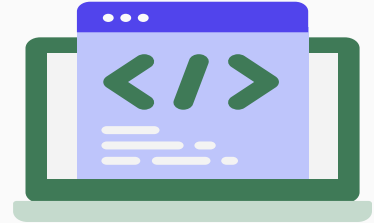Breaks work into sprints, with daily progress meetings and periodic reviews (5/5)
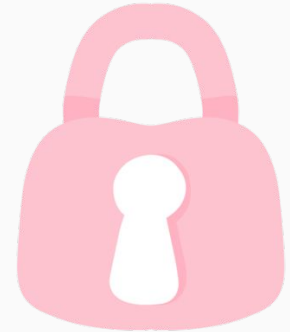
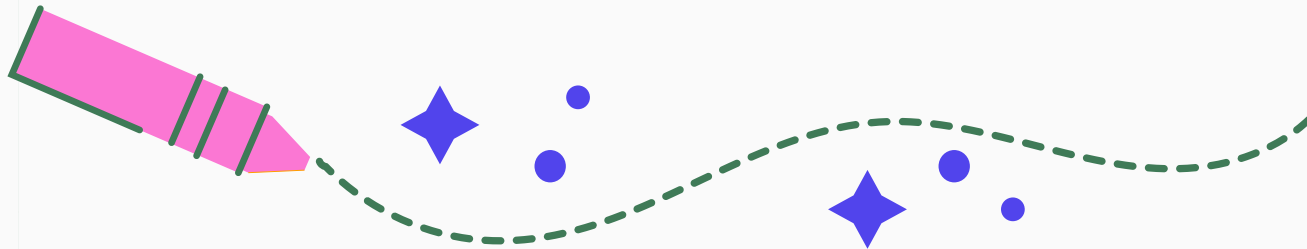# Architecture Diagram

Challenges

- Integration of different features/merge conflicts
- Different calendar views
- Changing and saving a profile picture
- Sending timed notifications/reminders based on assignments
- Correctly saving and deleting information in the database and in the local system session

The Future of Lock-In Learn

- Add other types of notifications (SMS, push, etc…)
- Allow students to make online study flashcards/notes
- Add Pomodoro timer and other options for popular study techniques
- Gamify/create incentive to complete assignments through badges and points
- Advanced search on the message board
- Interactive quizzes & assessments

Live Demo!

Thank You!

Any questions?