

Perfect Planner: Presentation

Presented by Group 04

Contributors:

- ❖ Patrick Liu
- ❖ Abby Haines
- ❖ Julio Gonzalez
- ❖ Luke Fitzpatrick
- ❖ Dylan Bomgardner



Product Description

- ❖ Planner that allows you to organize your everyday tasks
- ❖ Group tasks into your own topic
- ❖ Customize your experience
 - Colored or image background
 - Colored events by group
- ❖ Give out an alert at your own convenience
- ❖ Admin account to override user accounts

The Perfect Planner is a simple but practical application that allows YOU to effectively plan and manage your time.



Tools Used

- VCS repository: Github
- Database: SQL
- IDE: Visual Studio Code
- UI Tools: HTML, EJS
- Application Server: NodeJS
- Deployment Environment: Localhost

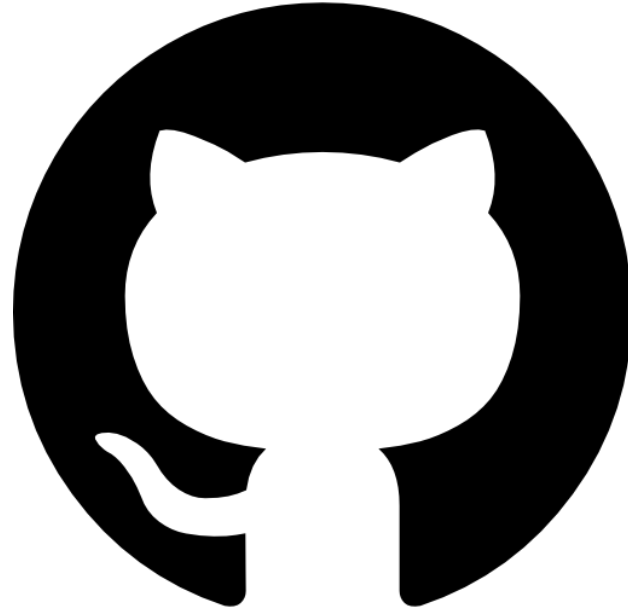
Crossplane



Va

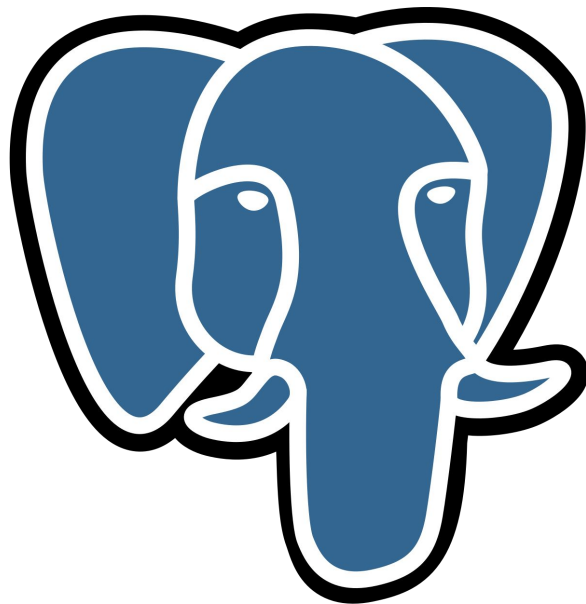
Github

- ❖ 5/5
- ❖ Lets us work together as a team
- ❖ Great for project planning
- ❖ Keeps team members accountable
- ❖ Allows us to work on code together and resolve conflicts
- ❖ Auto-Documentation for changelogs



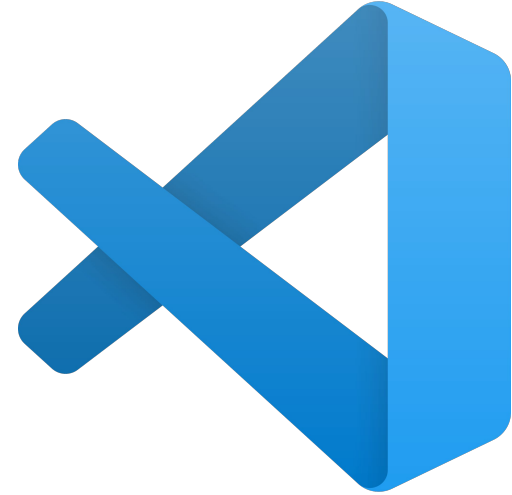
PostgreSQL

- ❖ 5/5
- ❖ Relational database to store all of our data
- ❖ Ensures data integrity
- ❖ Great for handling queries



Visual Studio Code

- ❖ 5/5
- ❖ Great integrated development environment (IDE)
- ❖ Allows code organization
- ❖ Color coding and indentation help to spot errors
- ❖ File browser makes it easy to organize all the project files



HTML, EJS, Bootstrap, NodeJS

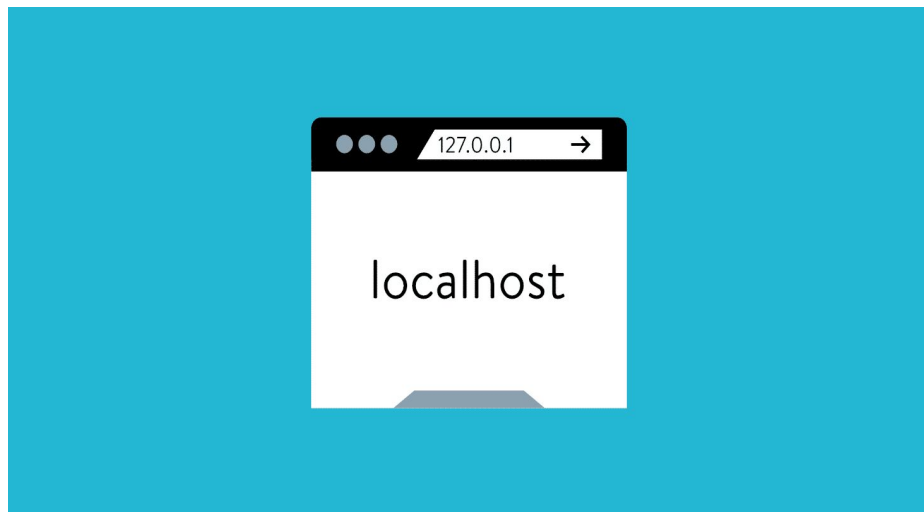
- ❖ 5/5
- ❖ **HTML5** is the backbone of the website
- ❖ **Embedded JavaScript templating (EJS)** allows us to add code to our HTML
- ❖ **Bootstrap** makes everything look good
- ❖ **NodeJS** is the underlying engine for the web server



LocalHost

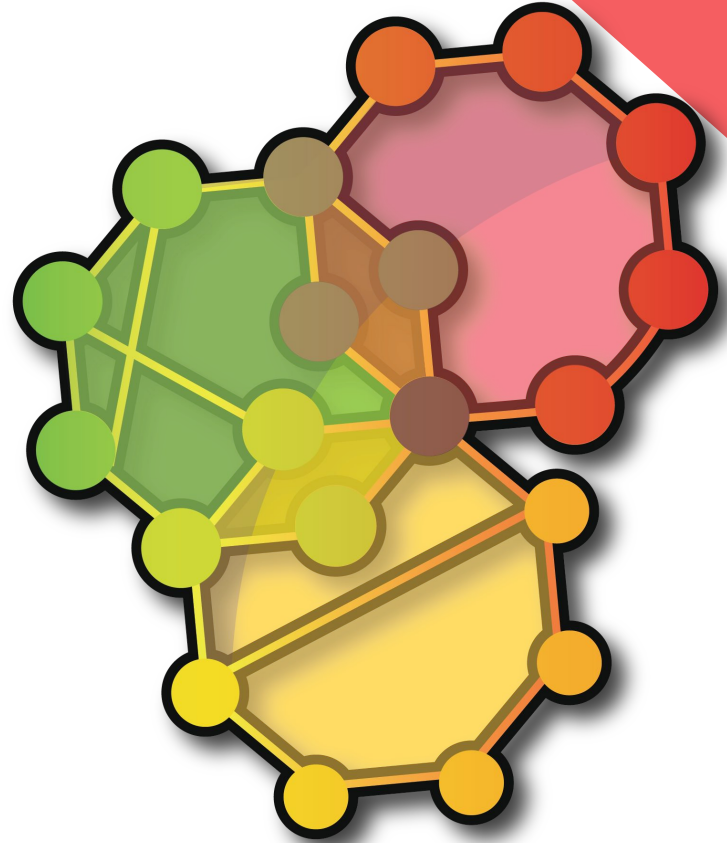
It's localhost, does it even have a logo?

- ❖ 5/5 stars
 - I'm starting to notice a trend here
- ❖ Lets you run a webpage offline
- ❖ Doesn't need fancy hosting
- ❖ Just do it



Methodologies Used:

- ❖ Pair programming
- ❖ Code Review
- ❖ Peer code testing

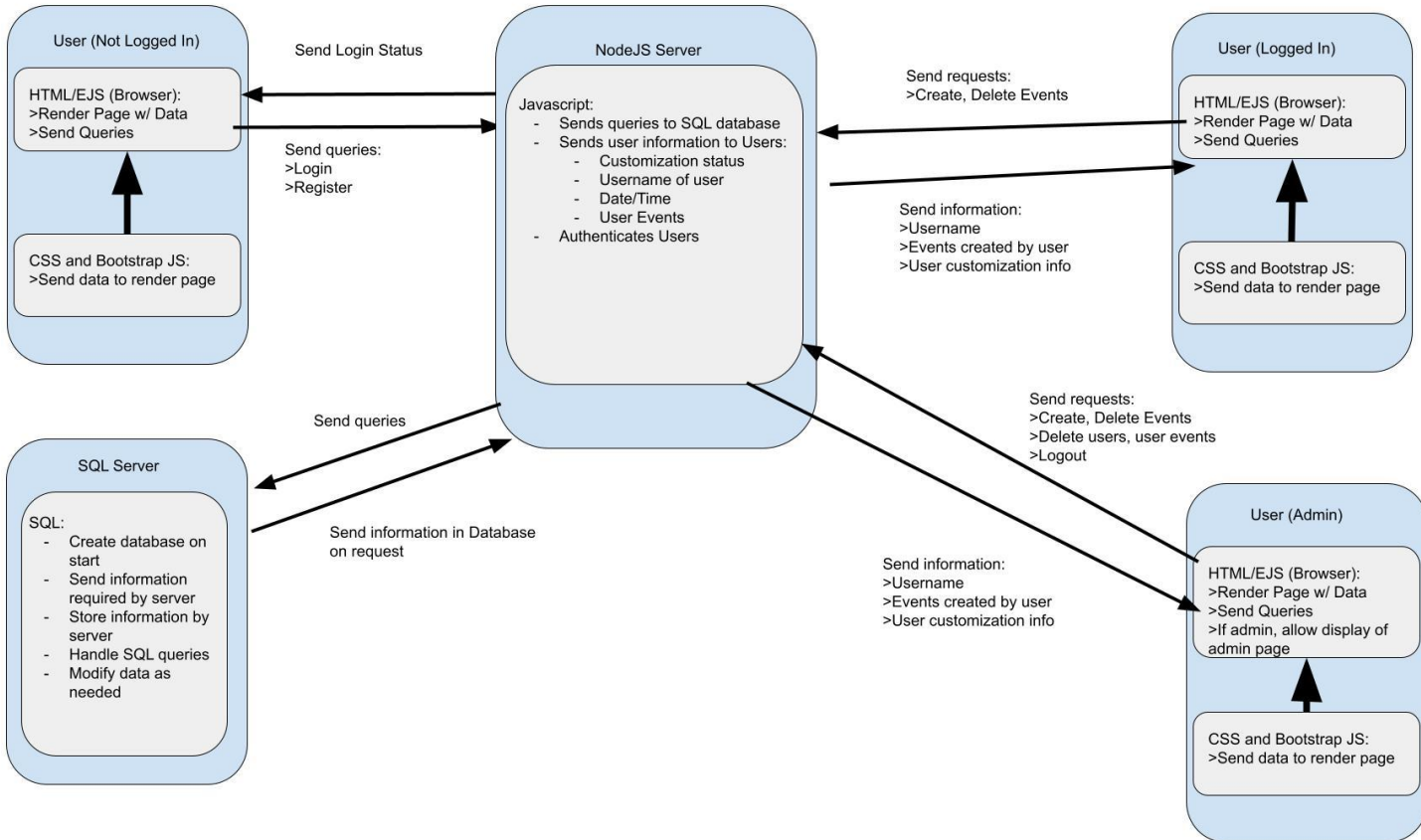


Peer Code Testing

- ❖ Tested product on CU students with minimal coding experience
 - Delivered different perspectives
- ❖ Gave them a basic introduction
- ❖ Observed how they interacted with product
- ❖ Showed them features they missed and/or explained features they didn't understand
- ❖ Got feedback and made changes

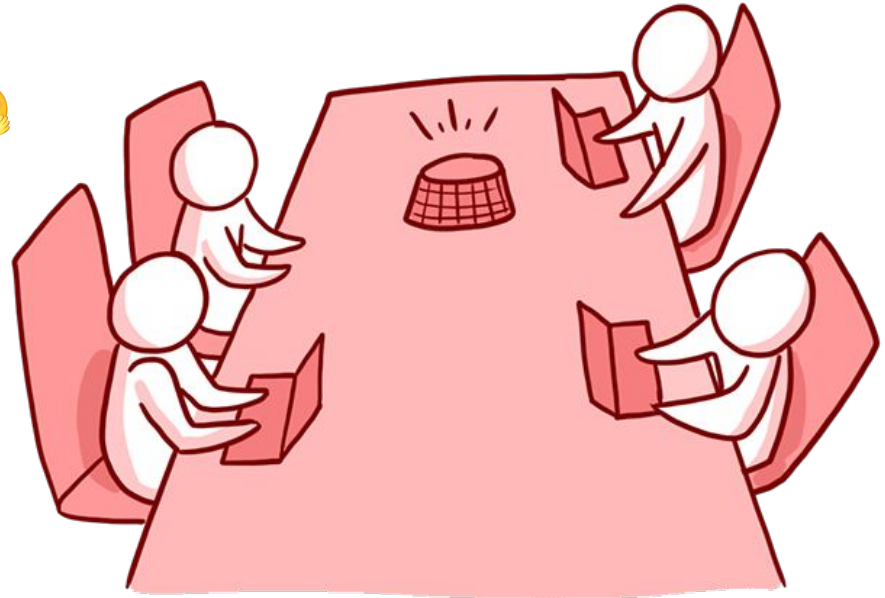


Architecture Diagram



Challenges

- ❖ Dealing with databases
- ❖ Multiple Queries in 1 function
 - Solved through nesting queries
- ❖ Calendar Creation
- ❖ Learning to write software as a team 🤝
- ❖ Finding what we were good at



Demo Time!

https://drive.google.com/file/d/1-tqnosHJqWMCSNe1iycFVhLKF9Yrnie9/view?usp=share_link

Thank You!

Any questions?

