SPOTLIGHT

3308 Project Presentation

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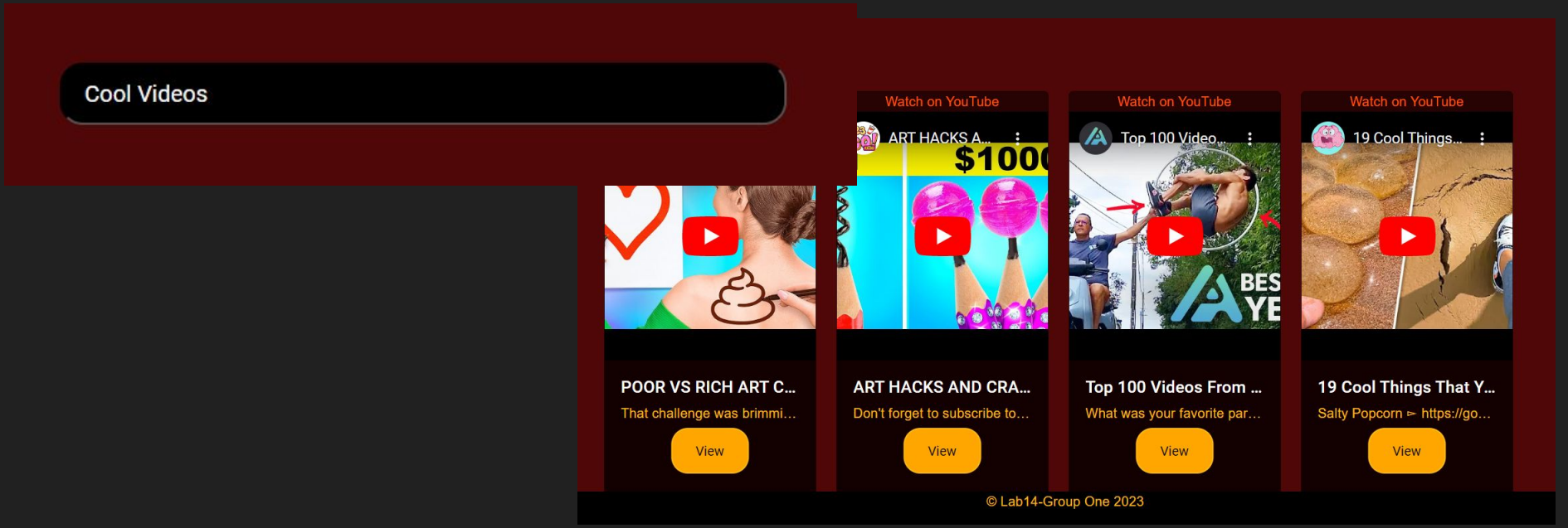
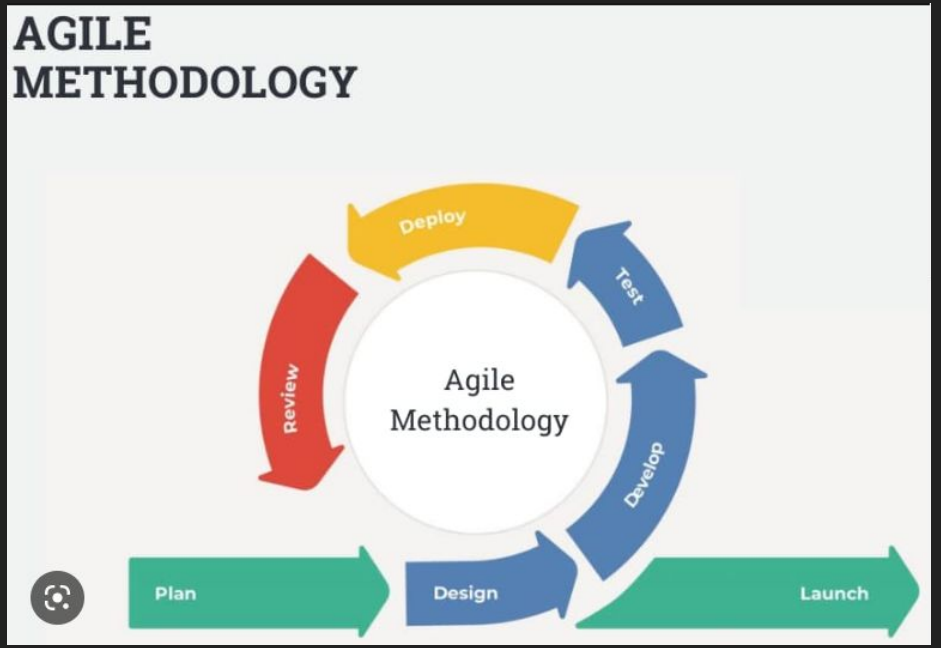
Description of project

Website to find obscure and uncommon videos for the users entertainment



Methodology

Methodologies used: agile



Tools Used

Project Tracker - GitHub Project Board - seems to be built for larger teams. With our group of 5, Discord and informal job assignment would have been more simple.

Version Control System - Github branches and general repo services - branches feature allowed us to organize work, have many group members working at once

Data base - PostgreSQL - hard to figure out what is going on, not user friendly

Tools Used

IDE - VS Code - Great IDE

UI Tools - EJS, HTML, CSS - Great tools, make it easy to add functionality to our website

Application Server - Node JS - Language is unnecessarily difficult / complicated, but tolerable. OTHER GROUP MEMBERS: super simple, easy to use

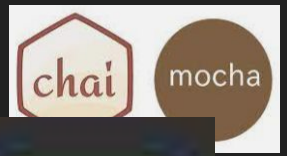
Tools Used

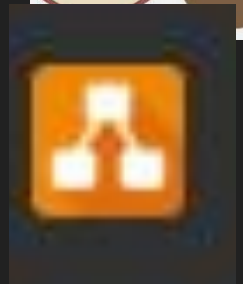
Deployment Environments - LocalHost - Great overall, but needing to reload on every change to our queries (index.js) is annoying

External APIs - Youtube, Vimeo - Hard to get calls down, once get them down not bad

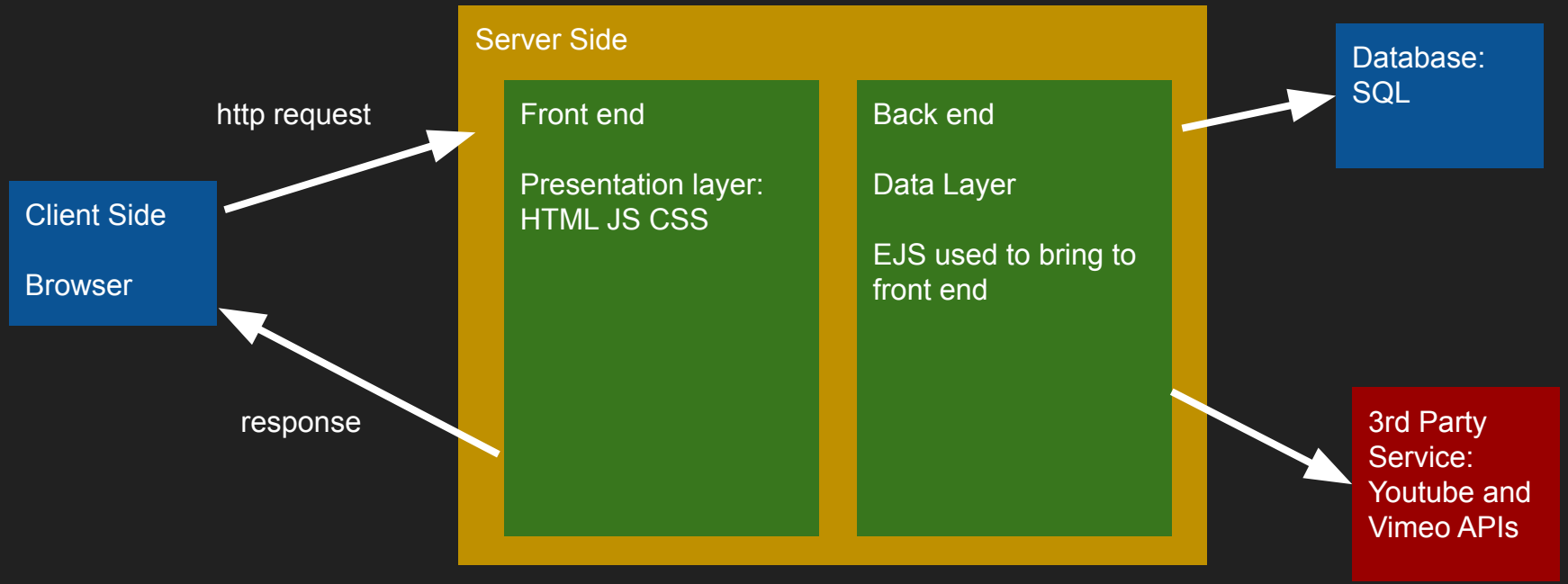
Testing Tool - Mocha and Chai - Good and simple to use

Architecture Design - diagrams.net - good tool for drawing ER diagrams





Architecture diagram



Challenges

- Debugging database structure (SQL being annoying)

- Docker not working sometimes

- Passing objects to pages

- APIs are built for people with more knowledge than we have gotten hehe

Demo!