

# CU Degree Planner

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# College is hard. Making you schedule shouldn't be.

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Our project takes the hassle out of planning your degree. All you need to do is,

- Make an account
- Select you degree
- Drag and drop the classes you want to take.

The Degree Planner will do all of the hard work to make sure you schedule is feasible, including:

- Making sure all prerequisites for a class are met
- Highlighting when those prerecs are not met
- Making sure you take all of the classes need to graduate.



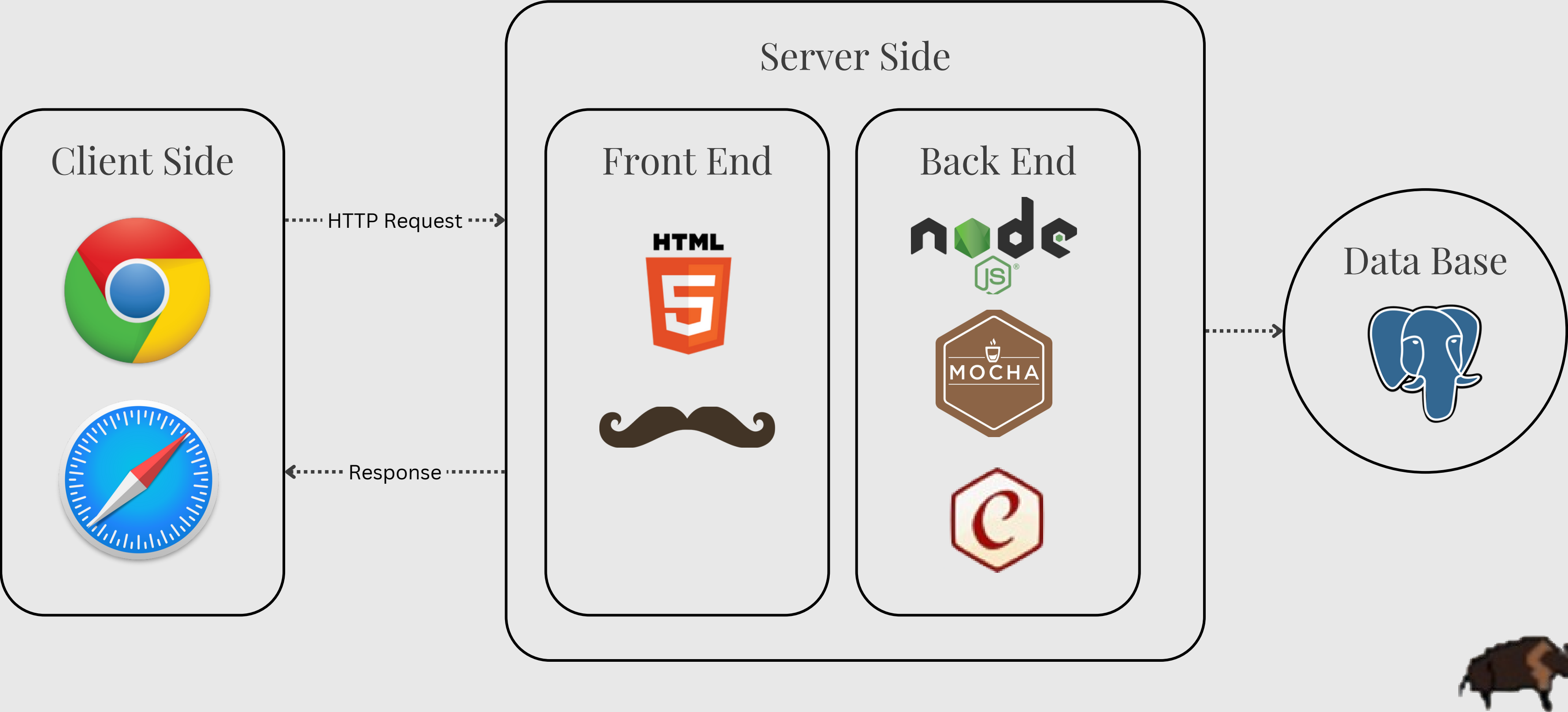
# Technologies Used

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• Visual Studio Code		5/5
• Git/GitHub		4.5/5
• Handlebars		3/5
• HTML		4/5
• PostgreSQL		3.5/5
• NodeJS		4/5
• Mocha		3/5
• Chai		3.5/5
• Agile Methodology		4/5



# Architecture



# Challenges

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## Database:

Finding ways to implement prerequisite classes was a big challenge and required created a new “counts\_for” column.

## Populating Schedule:

Getting the schedule cards to populate was difficult \_\_\_\_\_

## Search Function:

Originally we tried hiding all of the elements that did not meet the search criteria but this had to be reversed to making only the options that fit the search criteria will be displayed.



# Demo

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See RecordedDemo file



# Future Goals

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- Add more majors and classes
- Introduce and AI Assistant for class selection
- Integrate a difficulty rating for classes
- Find and add syllabus from previous semester for classes
- Session Persistence
- Add a credit hour count to each semester



# Thank you!

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