

# **StudySpot**

System Design

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EECS 3311

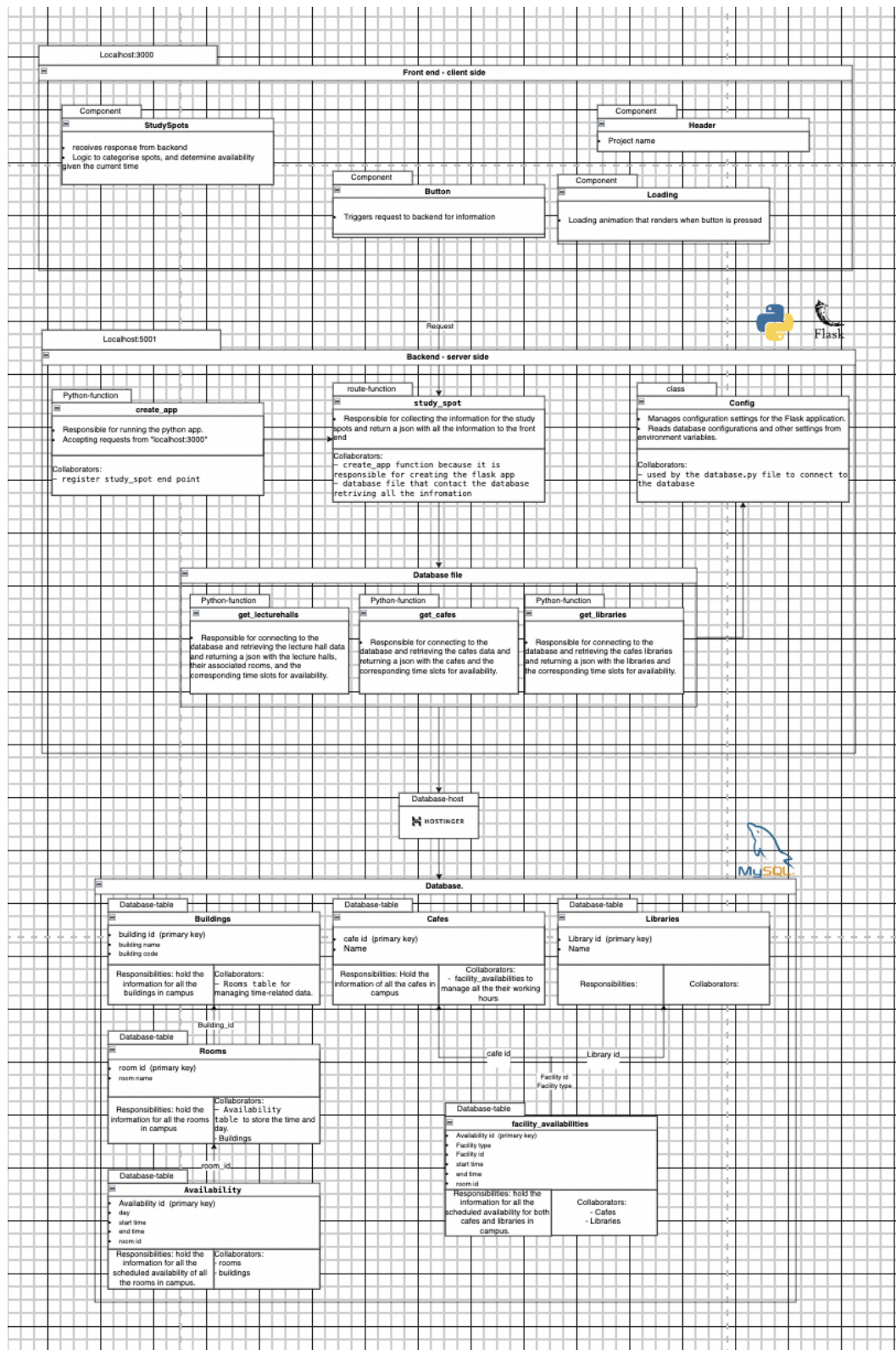
21 November 2024

Sprint 1

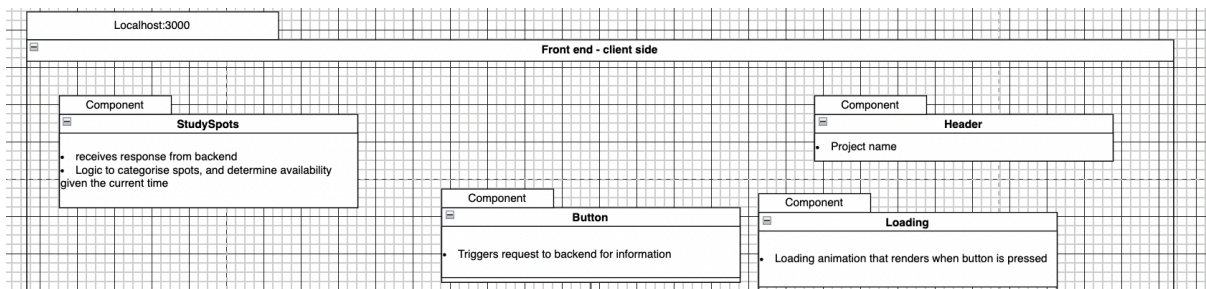
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## CRC cards:

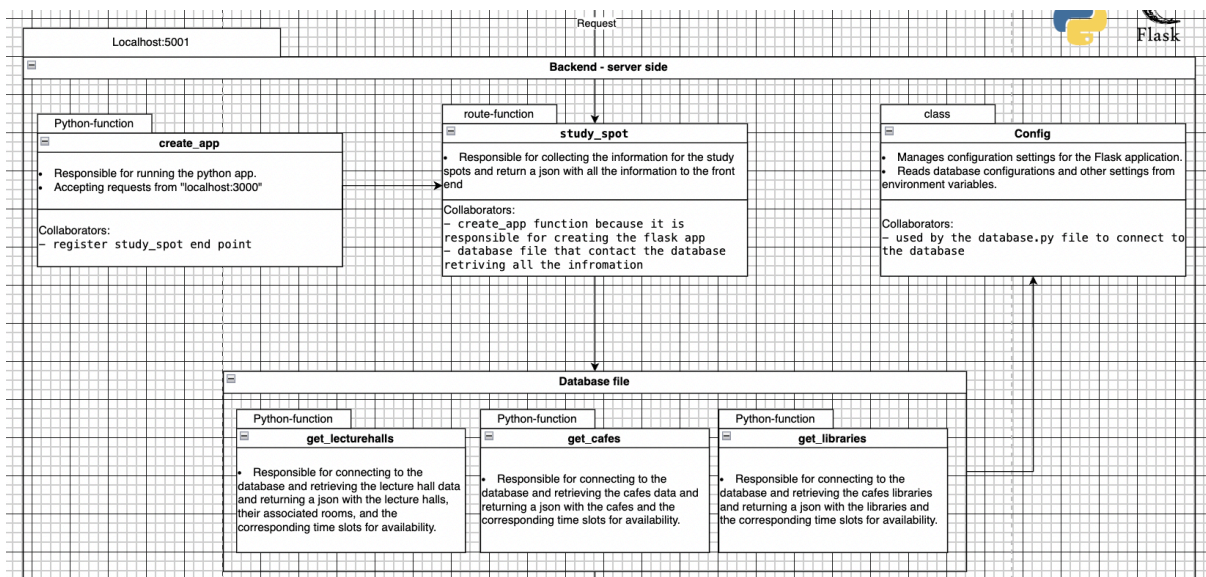
We show detailed CRC cards for our backend and database, and we show the various components of the frontend. Here is a detailed diagram:



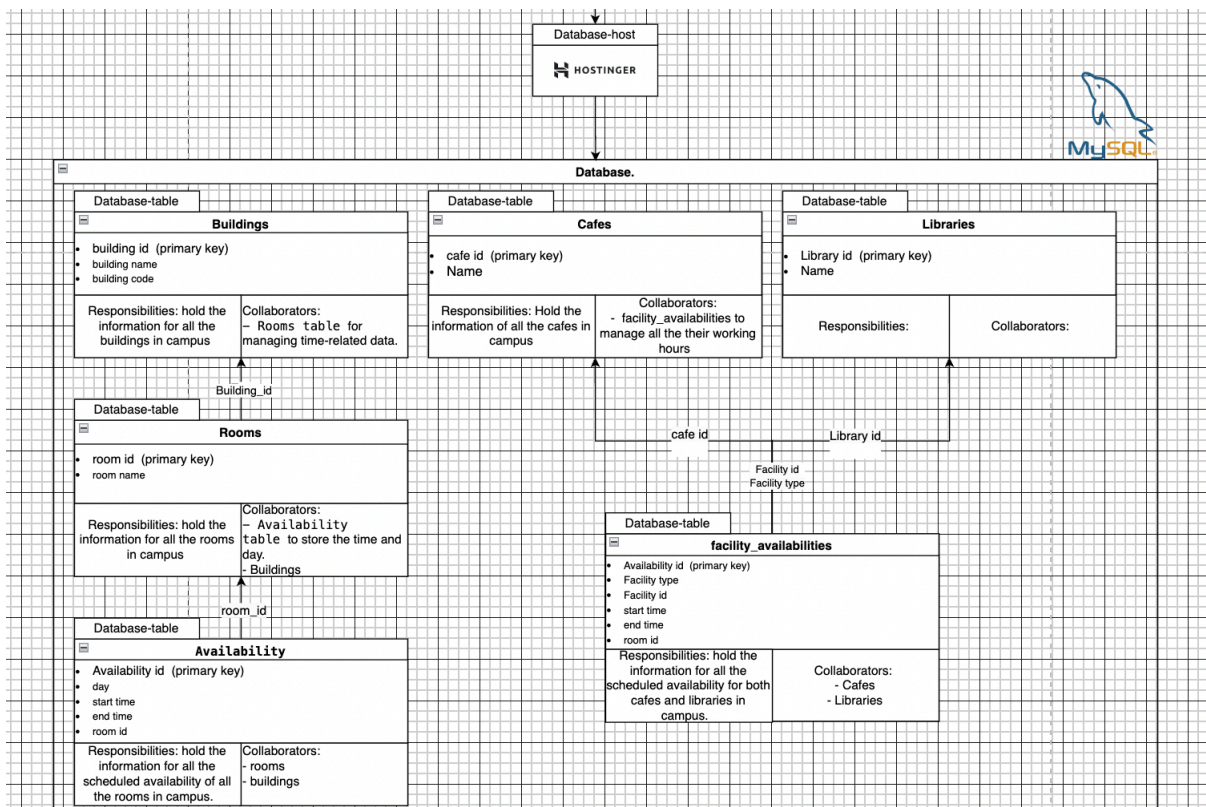
## Frontend



## Backend:



## Database:





## Software Architecture Diagram:

Our project follows the MVC architecture closely, with the view being our front end, implemented with Next.js, React.js, TailwindCSS and Typescript. Our controller is the python-flask api, and we have our model that communicates with our database to fetch the desired results. The diagram is given below.

