

PROGRAMMING FOR DATA SCIENTISTS: PYTHON

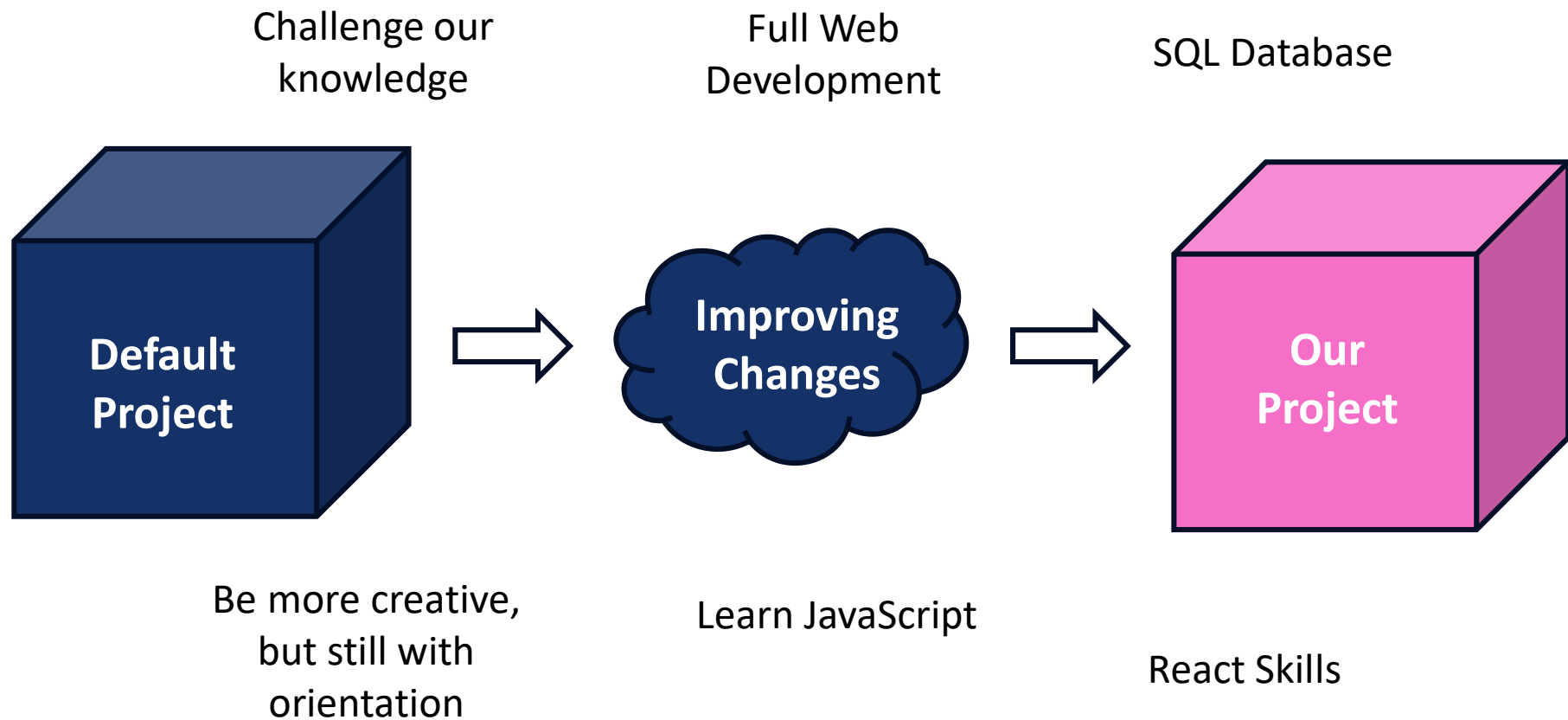
Popcorn & Code

The Smart Seat Reservation

Group: Anthonella Alessandra Frutos Lara, Emily Sophie Aust & Cordula Maier

Tutor: Corinna Elena Wegner

Introduction & Motivation

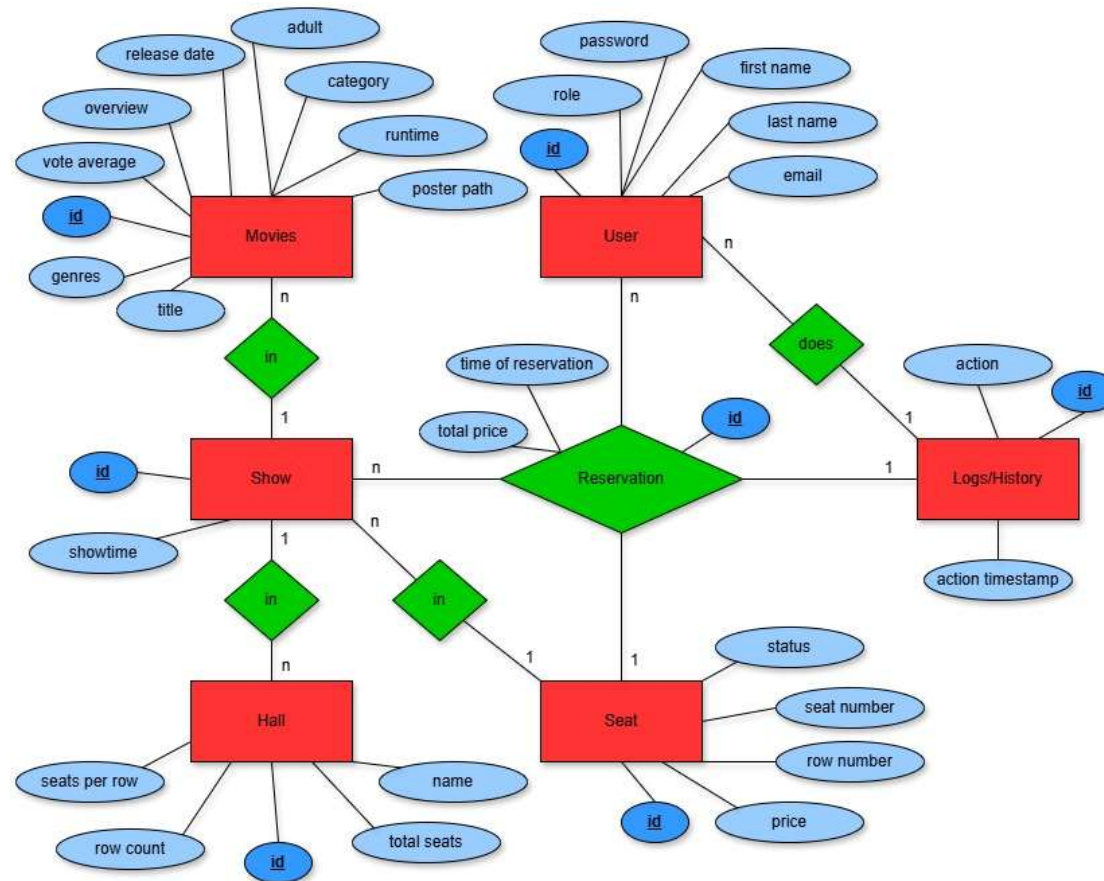


Objective

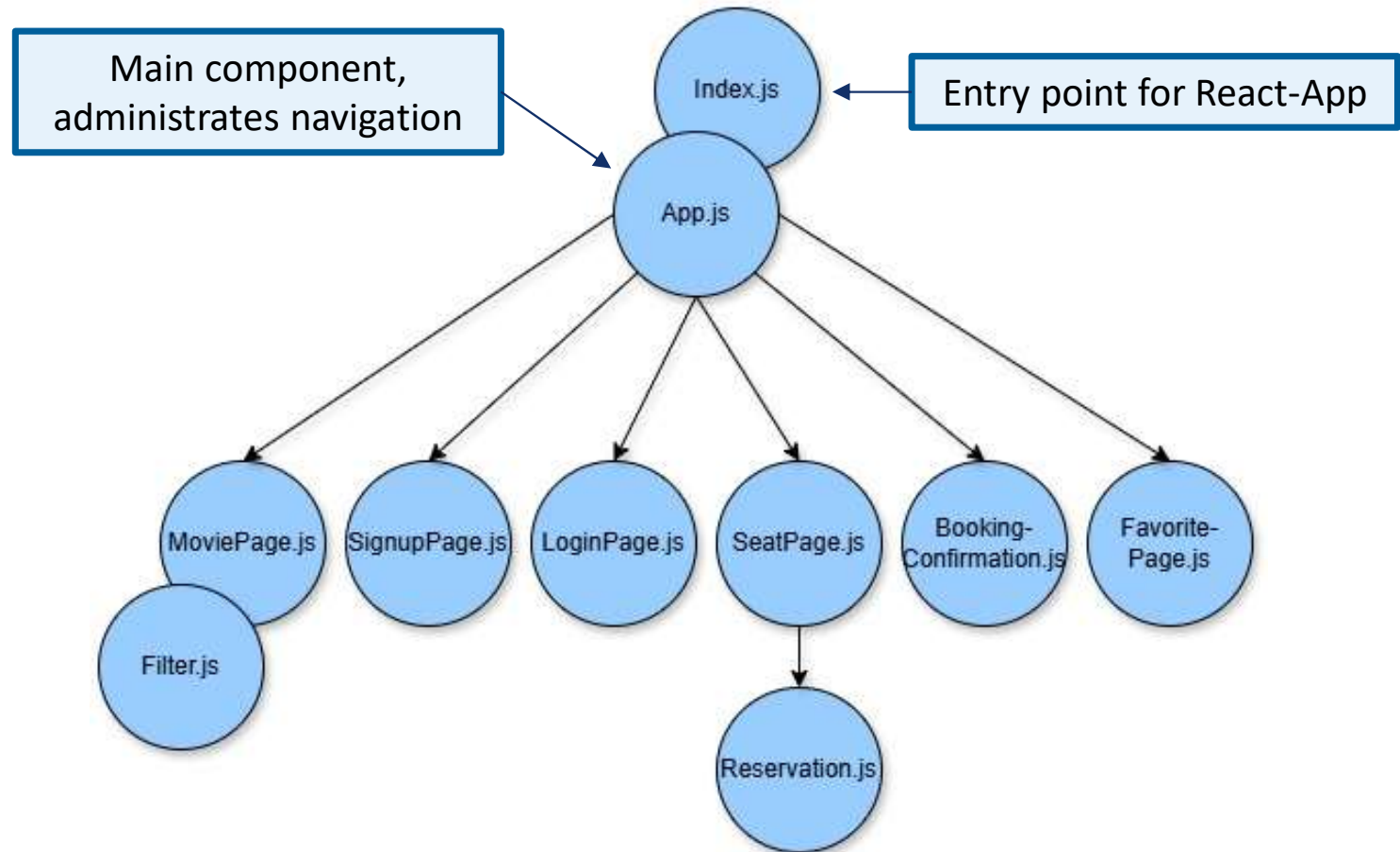
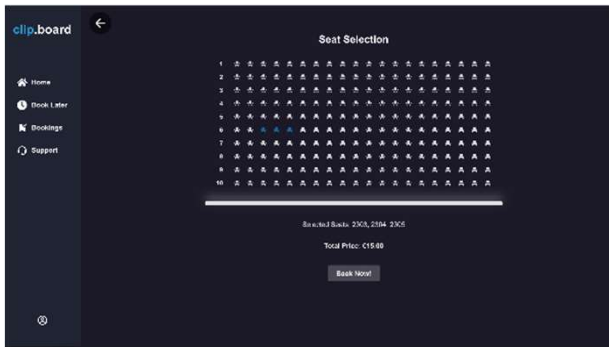
The goal of this project is to implement a seat reservation system for a cinema consisting of:

- SQLite Database for data storage
- Backend based on Flask
- Frontend based on React and React Router
- Statistical analysis of reservations

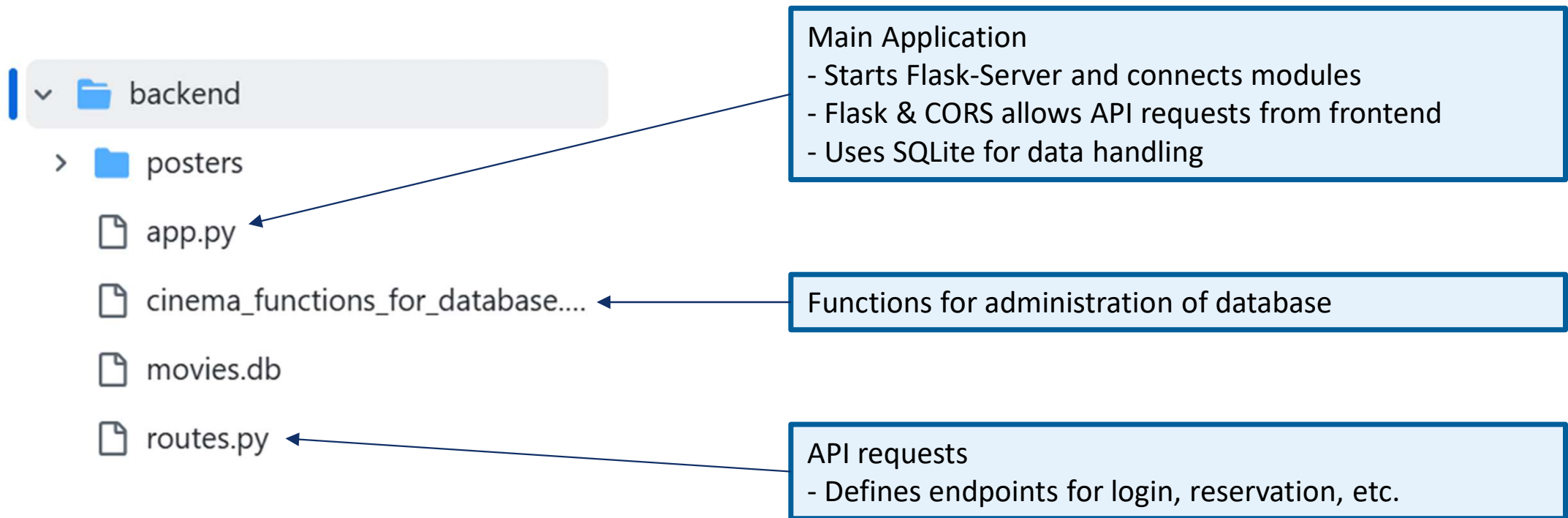
SQLite Database Design



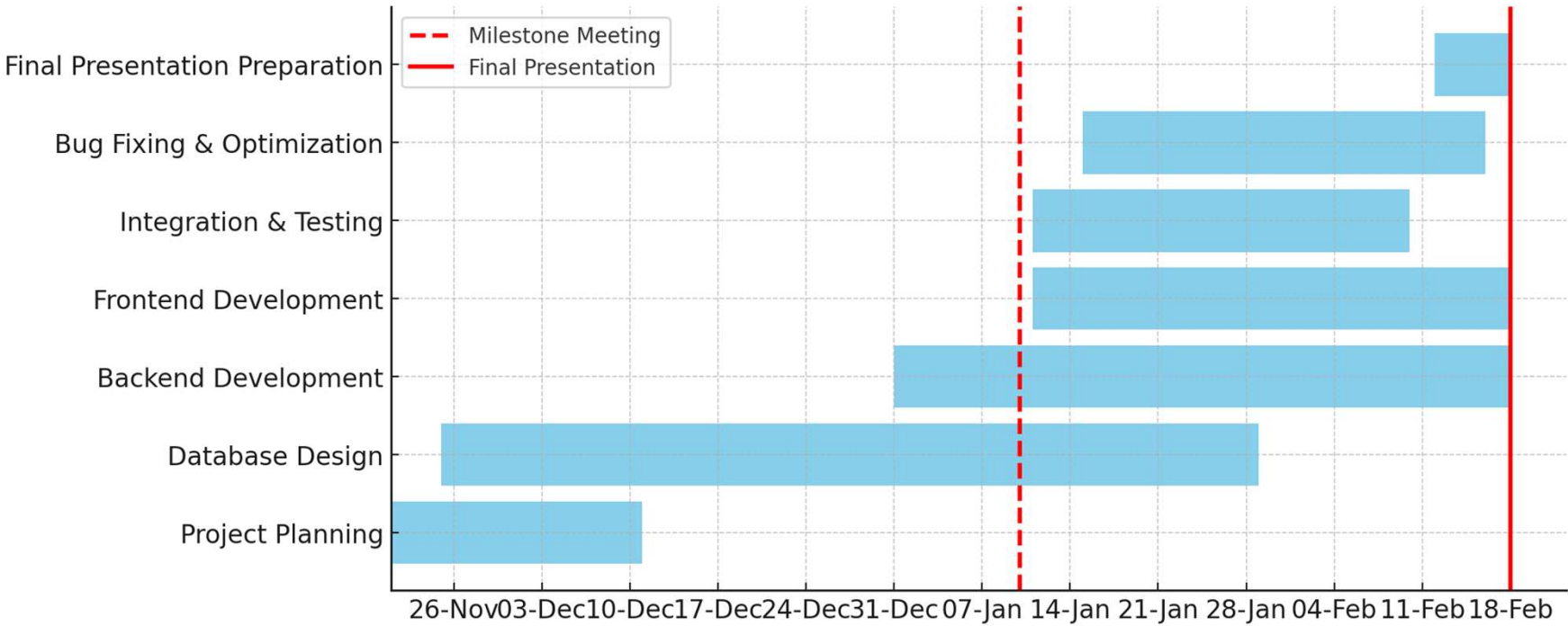
Frontend



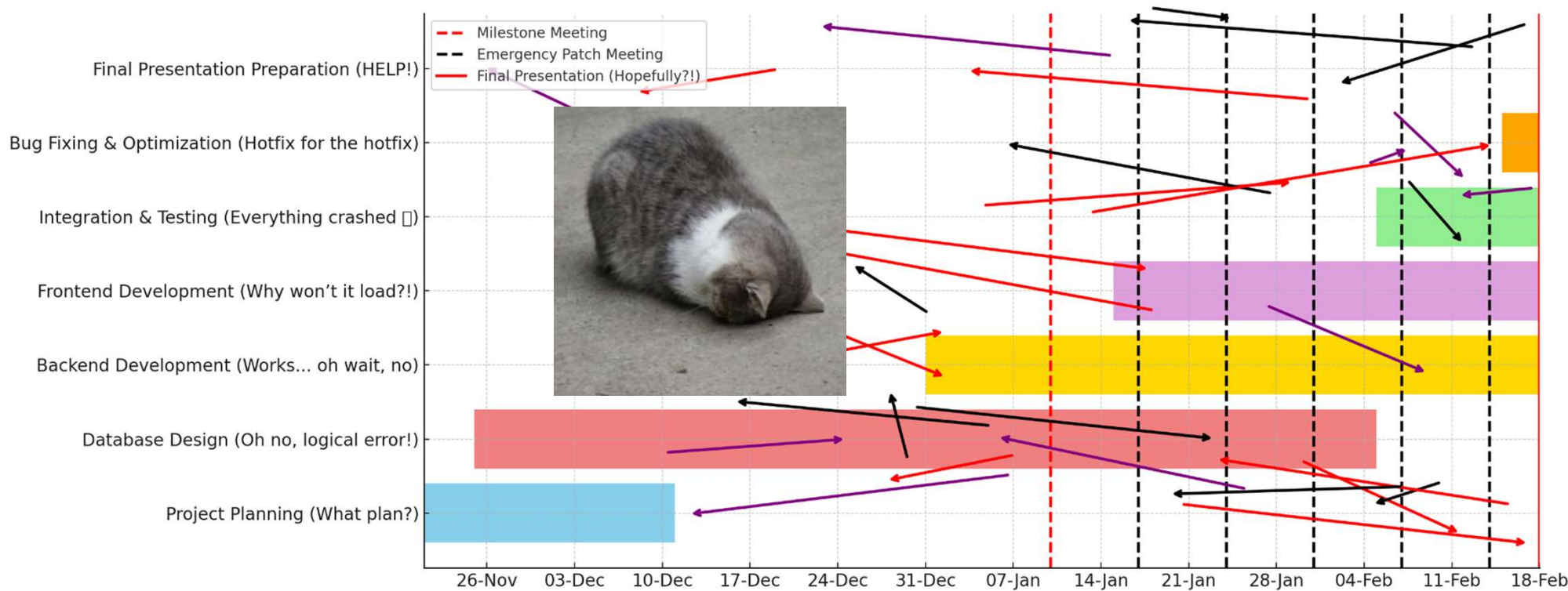
Backend



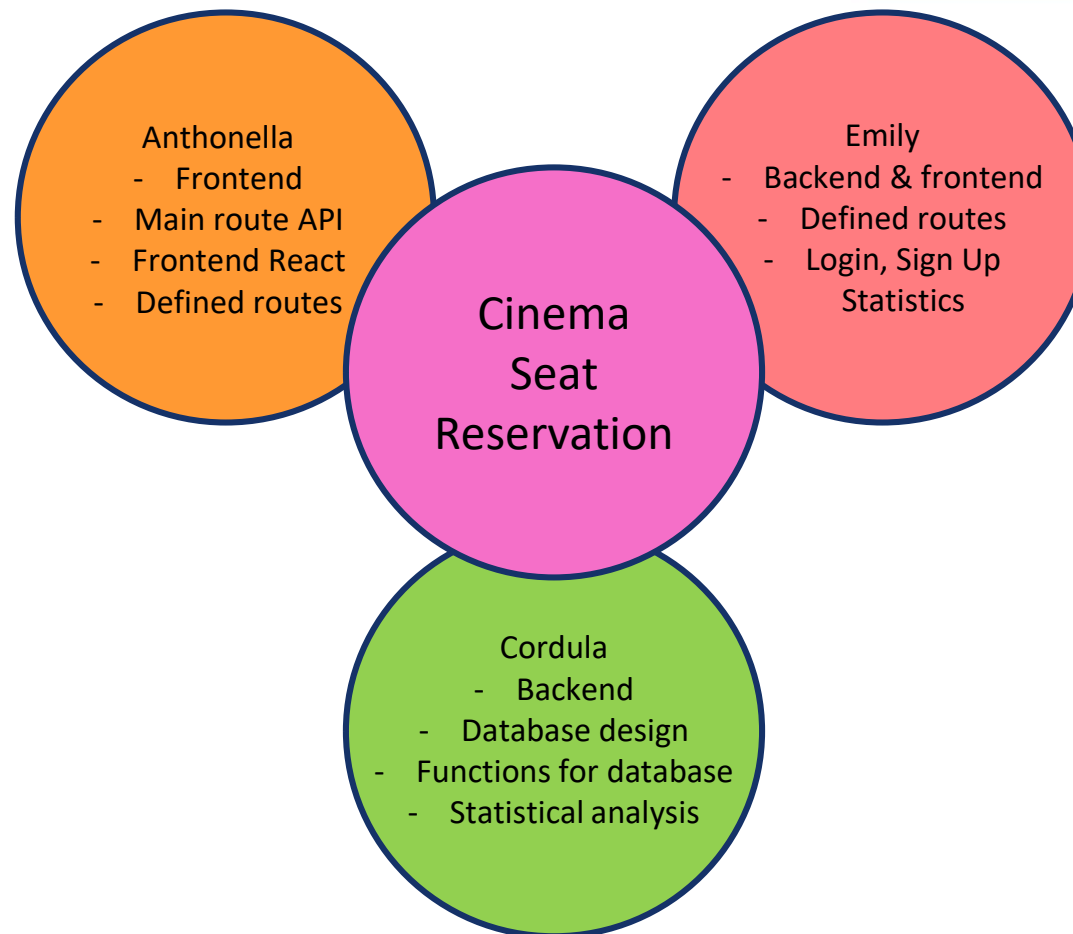
Project Timeline



Project Timeline - Reality



Contributions



References

The movie API: <https://www.themoviedb.org/>

See AI Usage Cards in GitHub.

Let's reserve some seats!

