MLB Stadium Trip Planner

2024-2025 UC CEAS Senior Design

Team Members

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Goals

- Create an application that is easy to use for all baseball fans

- Compile all 30 MLB teams schedule in one location

- Design an interactive map to assist in planning a trip day by day

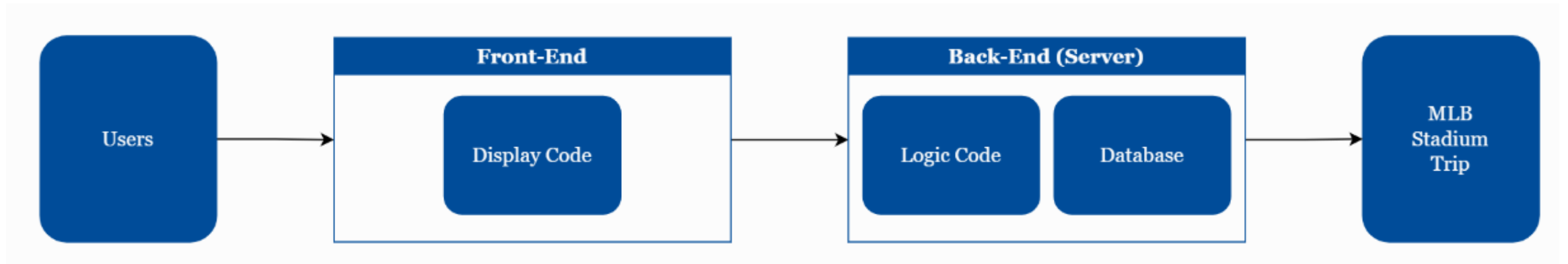- Allow users to track which stadiums they have visited

Abstract

MLB Stadium Trip planner is designed to streamline the experience of planning a trip to visit Major League Baseball stadiums. This application allows baseball fans to customize and optimize their trip travel. This project uses data, UI/UX to create the best user experience.
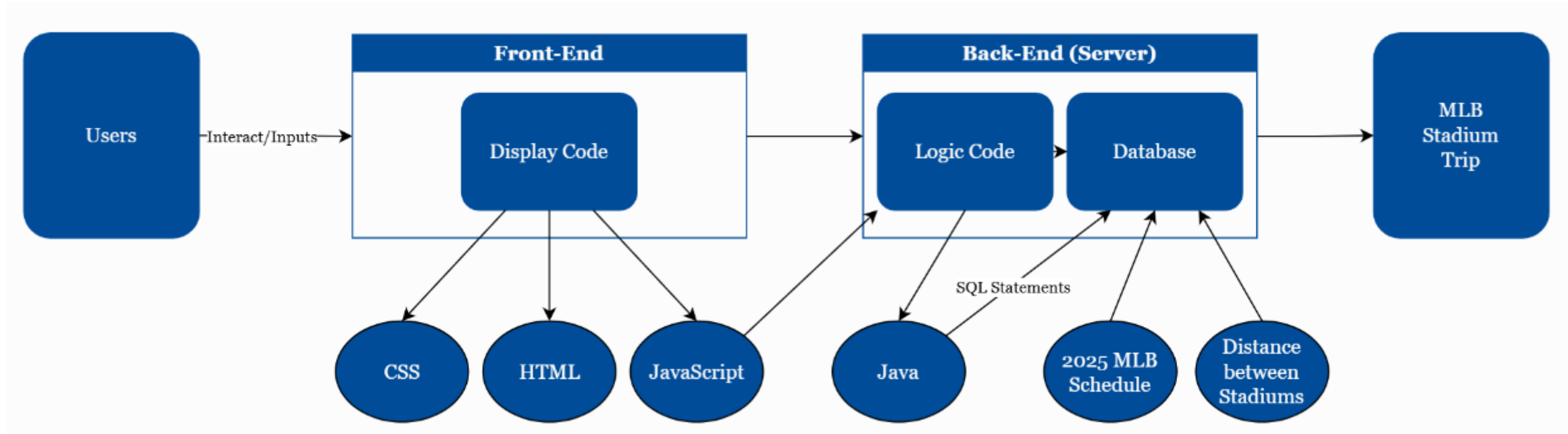
User Stories

As a MLB fan,

- I want to be able to see the schedule for every team by week.

- I want to be able to map out a stadium trip on an interactive map.

- I want to be able to track which stadiums I have attended.
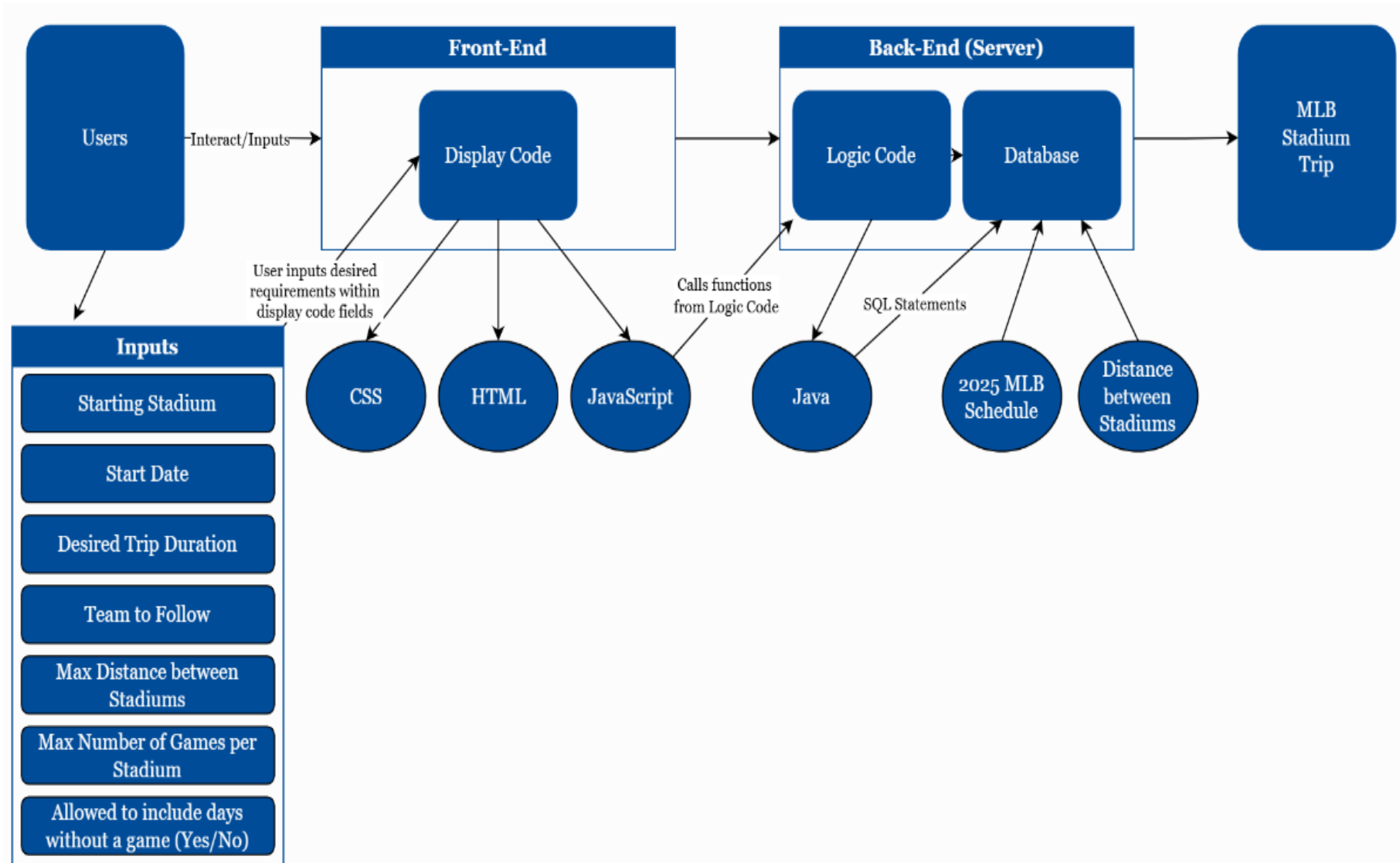
- I want to be able to save planned trips.

Design Diagram 0

Design Diagram 1

Design Diagram 2

Project Constraints

- Economic
- Security
- Time

Timeline

- Setup
  - 10/13/24-10/27/24
- UI Design
  - 10/28/24-11/4/24
- UI Development
  - 11/5/24-12/3/24
- Interactivity Design
  - 12/4/24-12/11/24
- Database Management
  - 12/12/24-12/19/24
- Interactivity Development
  - 1/5/25-3/1/25
- Testing
  - 3/2/25-3/16/25
- Push to Production
  - 3/23/25-3/30/25

Current Project State

- Development Environment has been set up
- Design phase in progress

Expected Accomplishments at End of Term

- Development environment is functional
- Design phase has been complete

Expected Demo at Expo

- Functional web application available to the public