
When's the next bus?

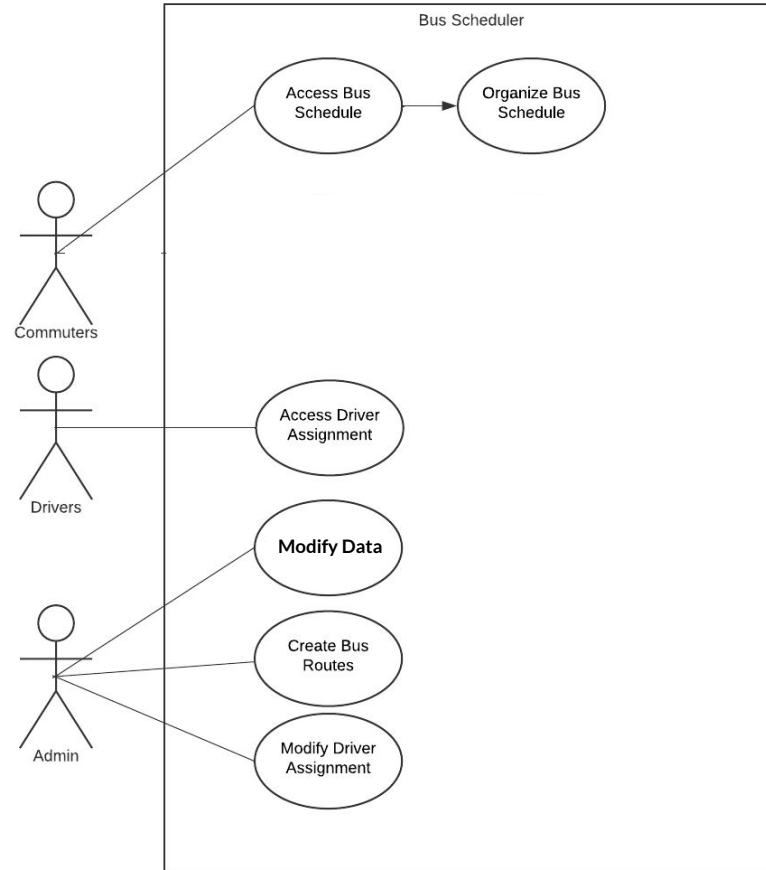
CSE 111 Section 5L
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System Description

- Bus Schedule Organizer
 - Allows Students to view and organize the bus schedule in a variety of ways
 - Allows Drivers to view their current assignments in the bus
 - Allows Admins to modify various data and add new data



Use Case



Most important use cases?

Allow commuters to view the schedule and have it organized based on their needs

Allow drivers to see their assignments for the day

Allow administrators to create/modify data and assign drivers



Implementation

As instructed we are sharing our materials via github, but some more details include...

→ **IDE**

Visual Studio Code

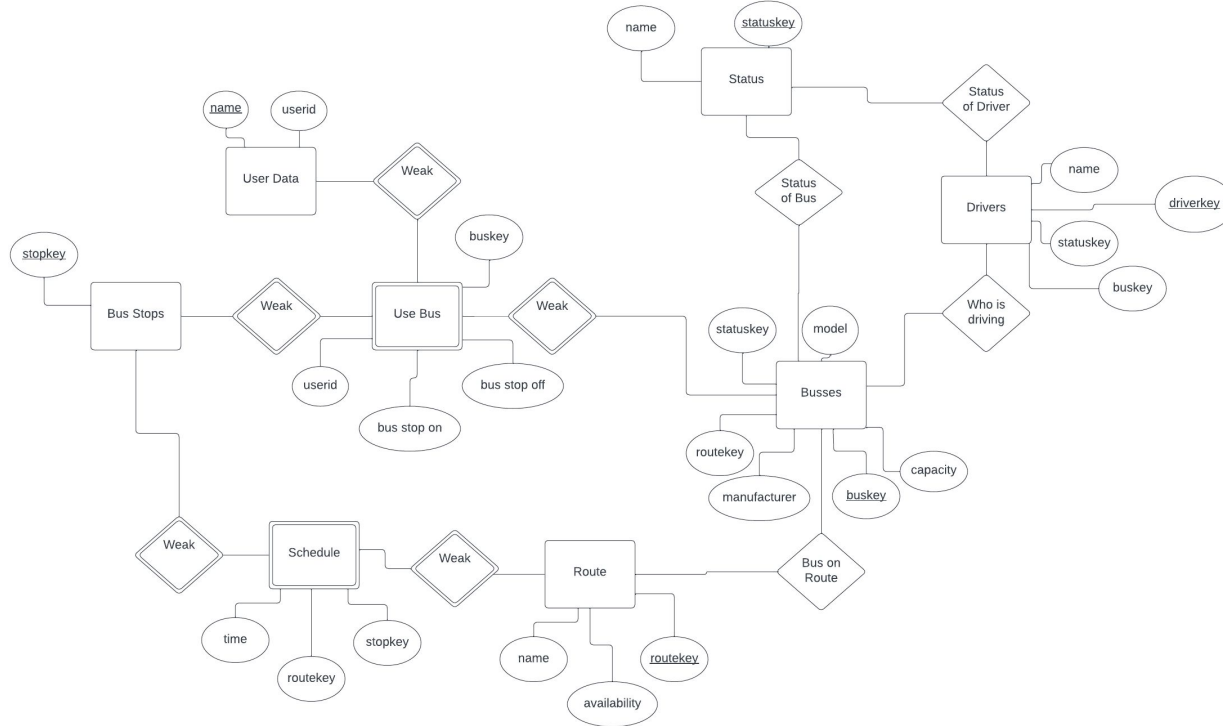
→ **Database**

SQLite3

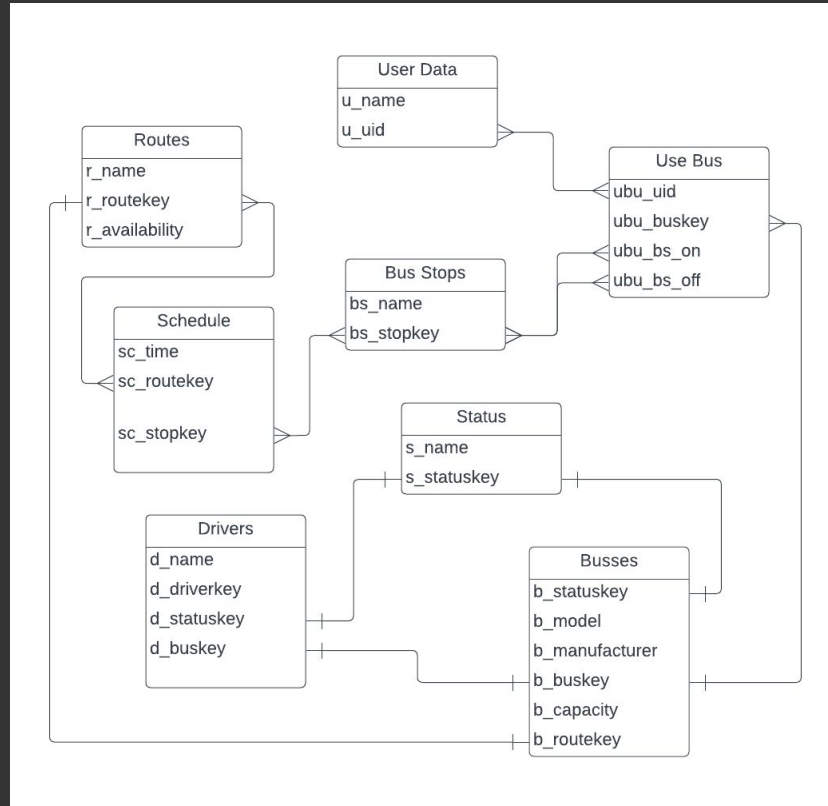
→ **Language**

Python

E/R Diagram & Schema



E/R Diagram & Schema



Implementation



A custom database based on the bus schedule found on CatTracks



Simple terminal-based menu menu



Thank you!

Any Questions?