Take A Seat

And you'll get there on time!

Problem: Passenger congestion on specific railway areas often creates train delays.

Our Project: Using force sensors on each seat, "**Take A Seat**" presents data regarding available seats in each train car through screens, making the passenger distribution on the railway more uniform.
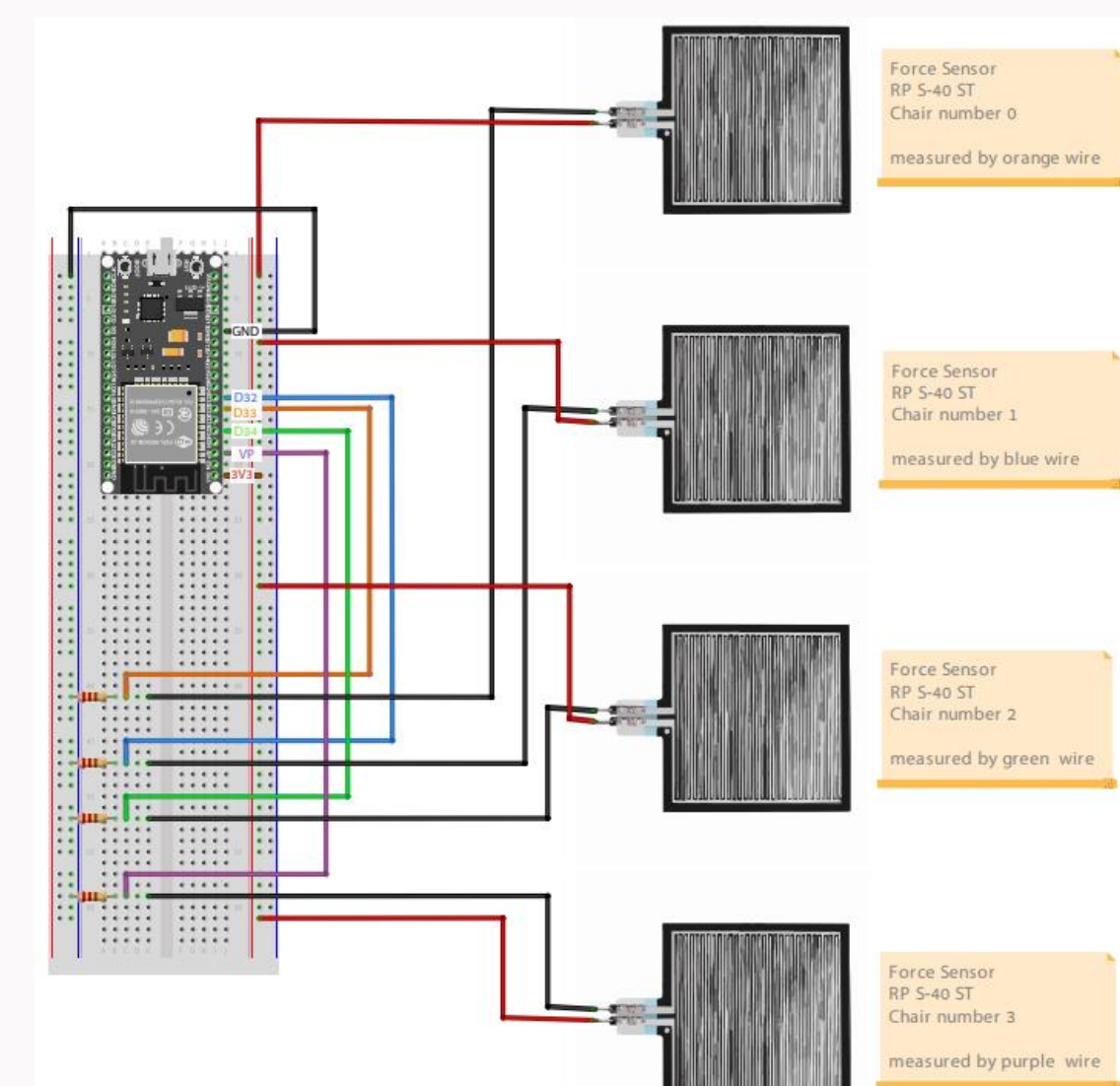
Features:

- Displaying the number of available seats on each train car.
- Displaying the location of the available seats on each train car.
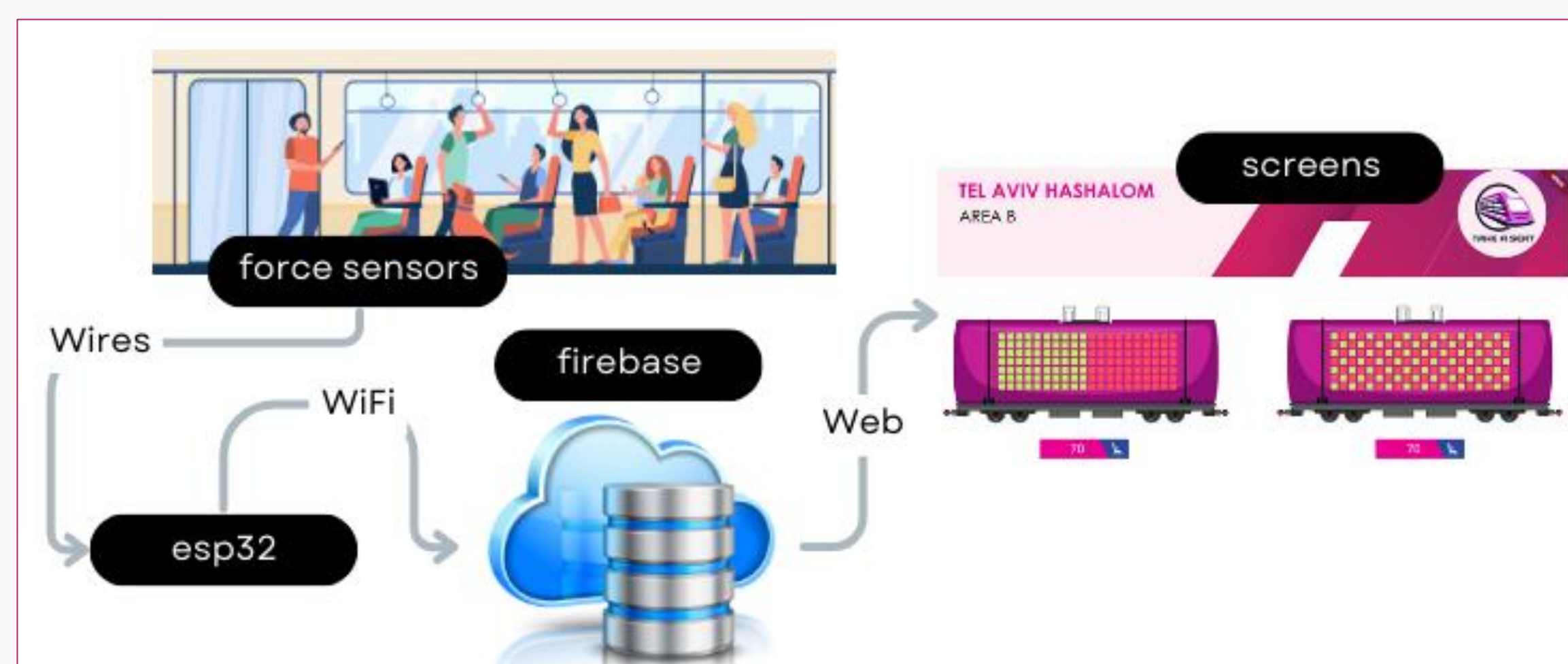- Displaying the data by area to avoid congestion by the emptiest car.

Screenshot of Area B's Screen

Wiring Diagram

System Diagram

Physical Prototype

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A Project in Internet of Things (IoT)

Computer Science Department

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