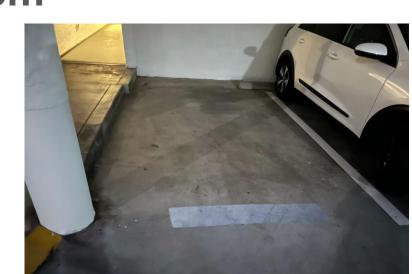
JACOBS SCHOOL OF ENGINEERING

## Parking Assistant

ECE 196 Fall 2024
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https://sites.google.com/ucs
d.edu/team-12/home

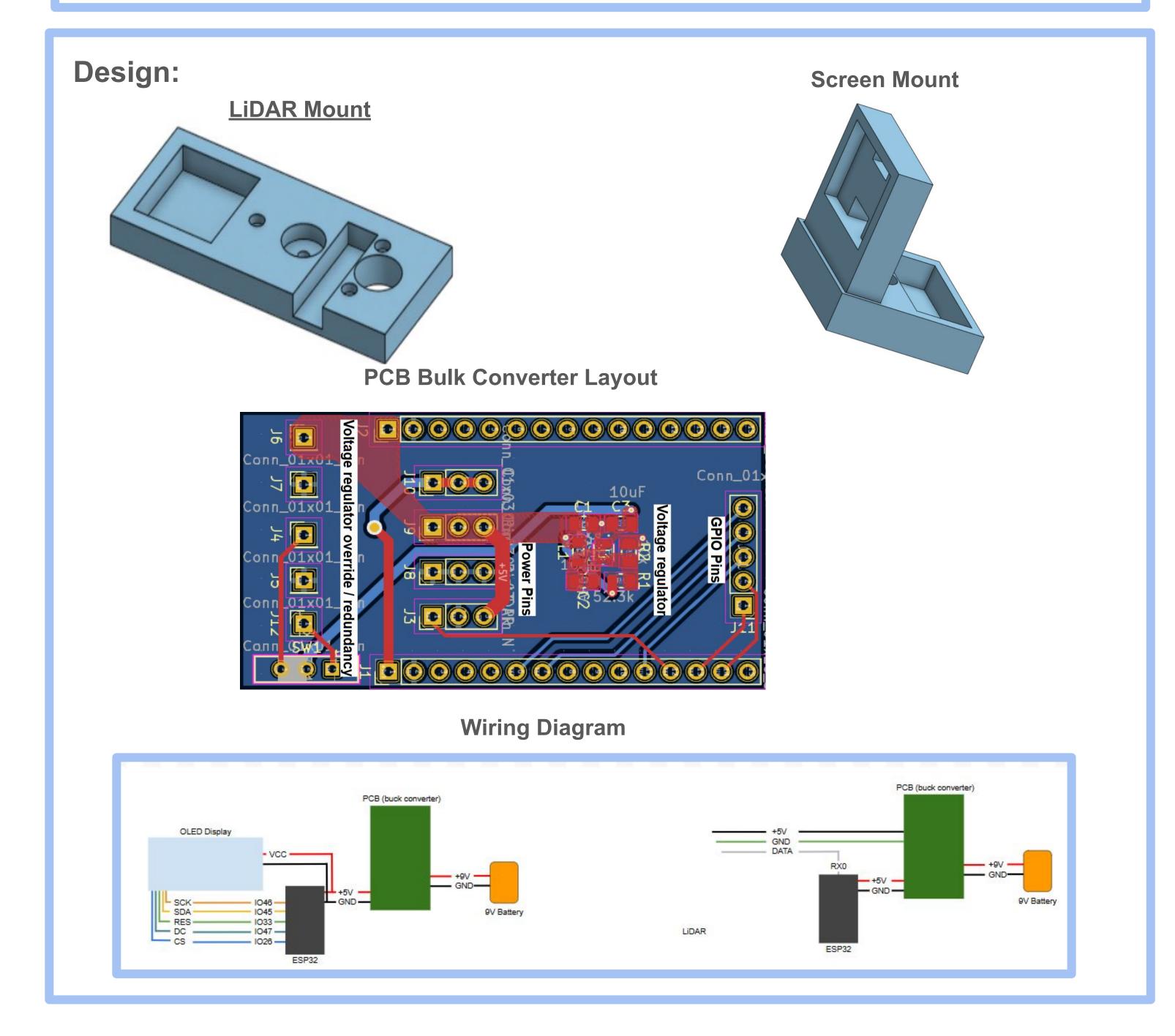
## **Problem**

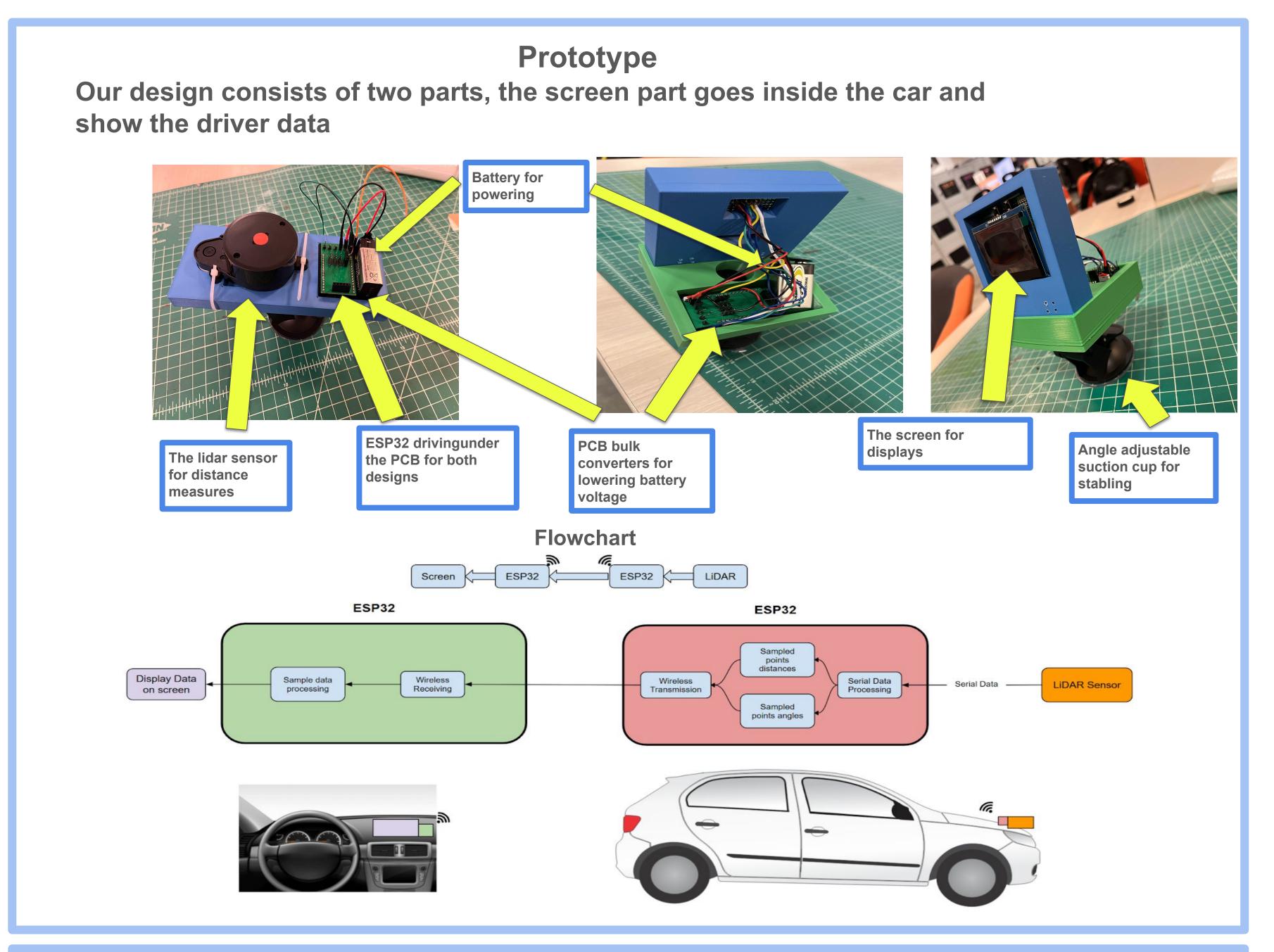
Drivers often encounter parking spots that are to compact to comfortably park into.



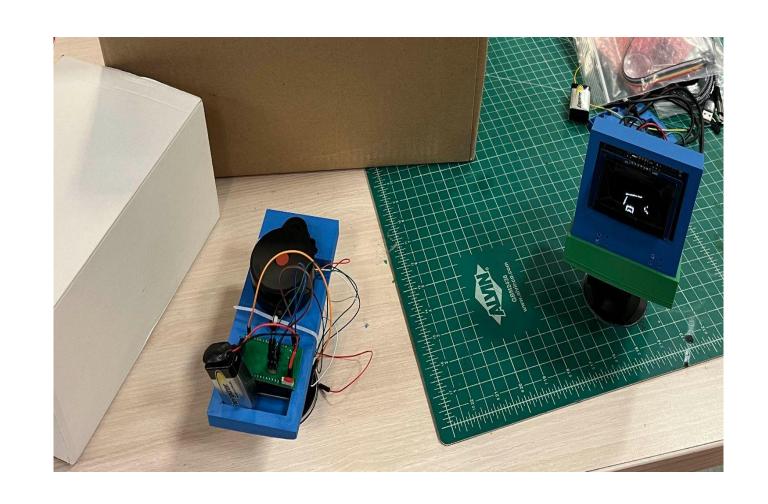
This parking space is too narrow...

**Testable Hypothesis:** The lidar sensor correctly measures distances of nearby obstacles, display dots on the screen representing obstacles so the driver knows there are obstacles too close to the car.





## Results





The lidar accurately measures distances of obstacles around and displays on the screen