



Team/ Instructor Scrum #3

Team Apollo

Kecheng Yu

Yilin Ren

Zhuo Zhou

Ziwen Tan



Team member (re)introductions - No change

Kecheng Yu

- Responsible for UI and some backend programming

Yilin Ren

- Responsible for front-end developers and team Scrum management

Zhuo Zhou

- Responsible for front-end development

Ziwen Tan

- Responsible for backend development



Scrum dates

First scrum 9/27

Second scrum 10/11

Third scrum 11/22



Project issues

There is currently no problem with the project, and everyone has made corresponding contributions in their own role.



Demo

Current Stage:

Frontend and backend for the ezparking web admin is online.

- Available options: Login, Logout, Draw waypoint and parking lot on map
- Available APIs: Login, Sign up



Team reflection

The task progresses gradually. The current stage is mainly for software design. There are currently no existing barriers. The main problem now is that waypoint has been uploaded to the back end of the data form. Then how to design the database to record the relationship between points and points. minimize the number of data reads.Finally, the problem of data unification in cache and database is solved.



Project changes

No changes since last update



Vehicle AI detection

Language: Python

Framework: PyTorch

Detection algorithm: YOLOv5 (<https://docs.ultralytics.com/>)



Status description

 Green

Right on schedule

Milestone 1.5 is in progress



Next up

1. Waypoint storing, fetching, update, and delete.
2. Use GUI for waypoint management.