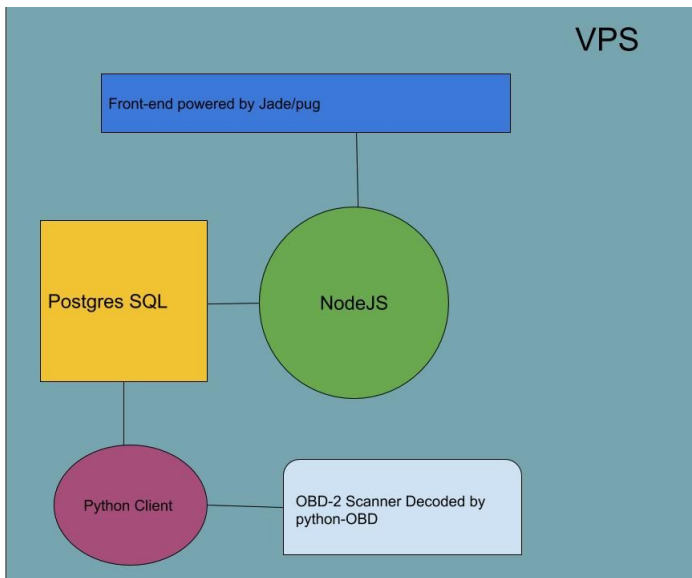


SmartOBD Milestone 4

List of features(Revised)(In-Priority order)

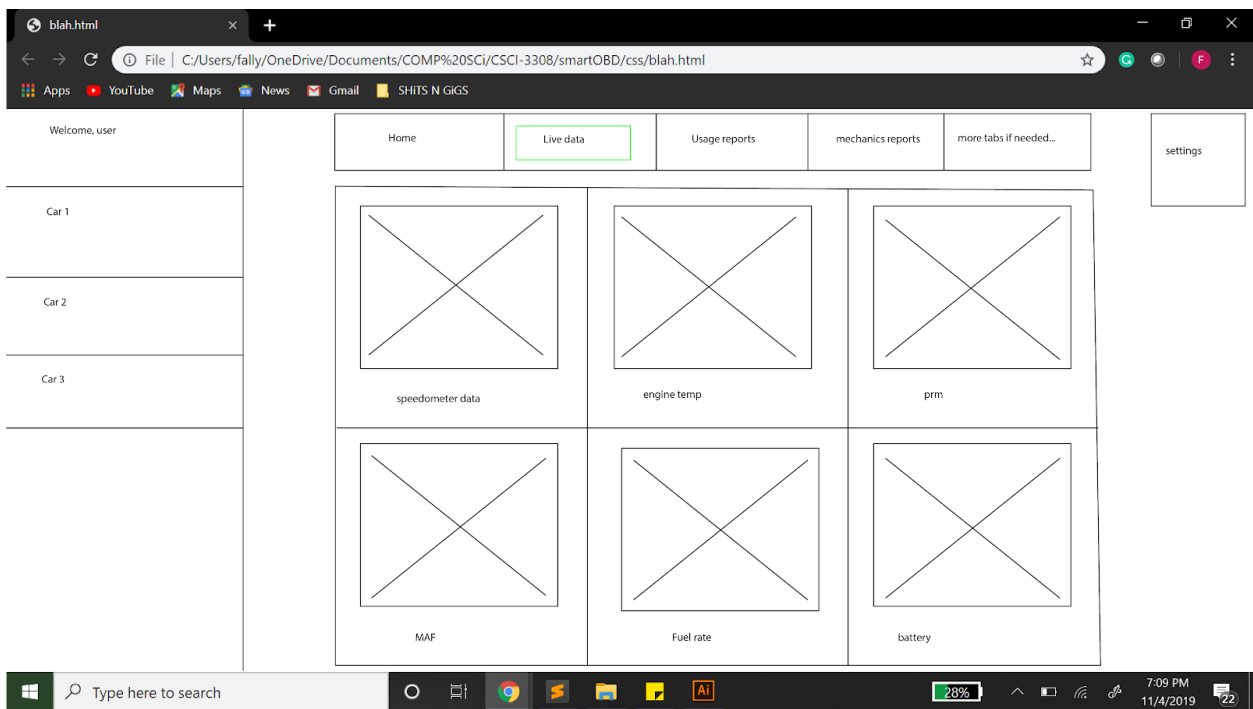
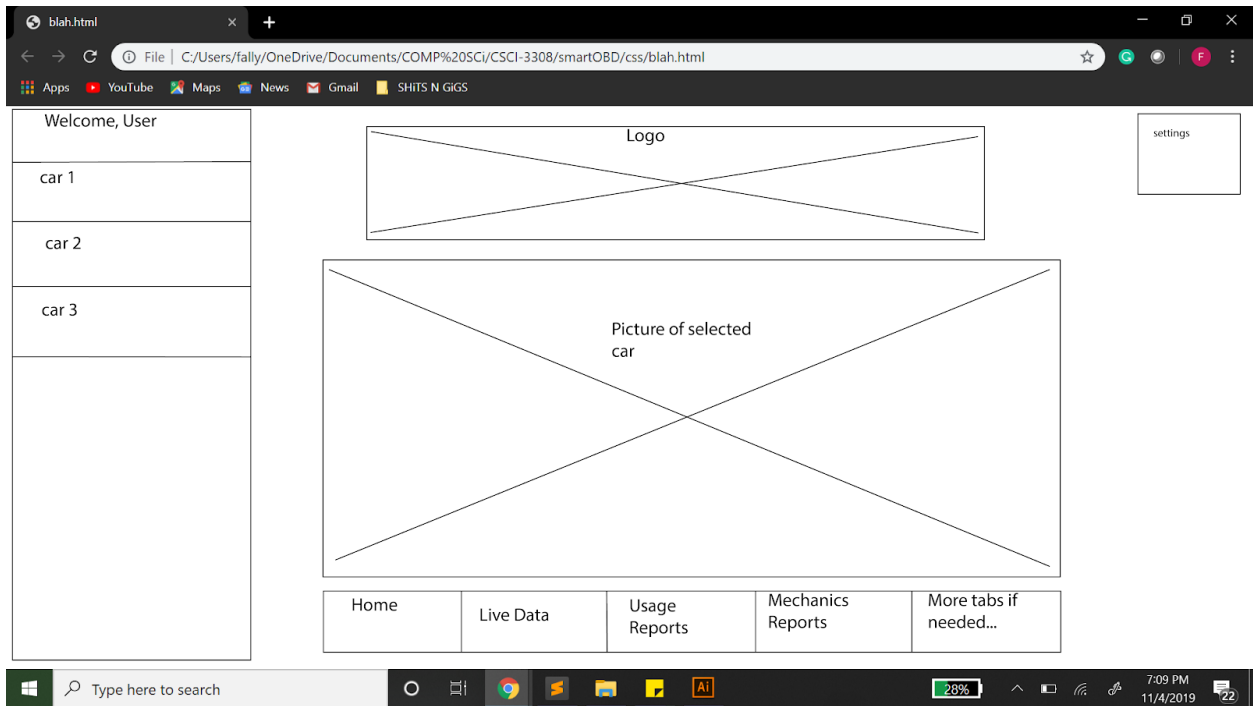
- Display car data and allow for filtering of multiple time entries
- Make use of user accounts to keep track of log ownership
- A generalization of cars health on homepage based on latest pulled data
- Live tracking of several car data points
- Output of log in detailed format in pdf that can be emailed to a mechanic

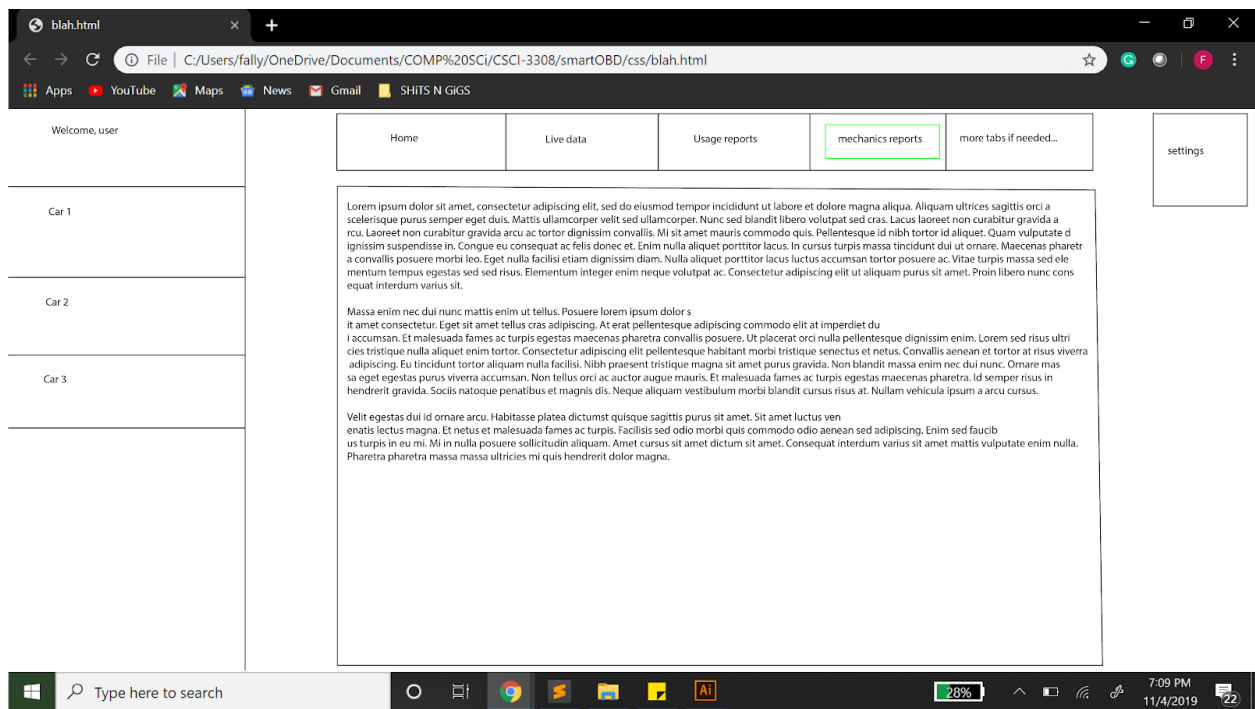
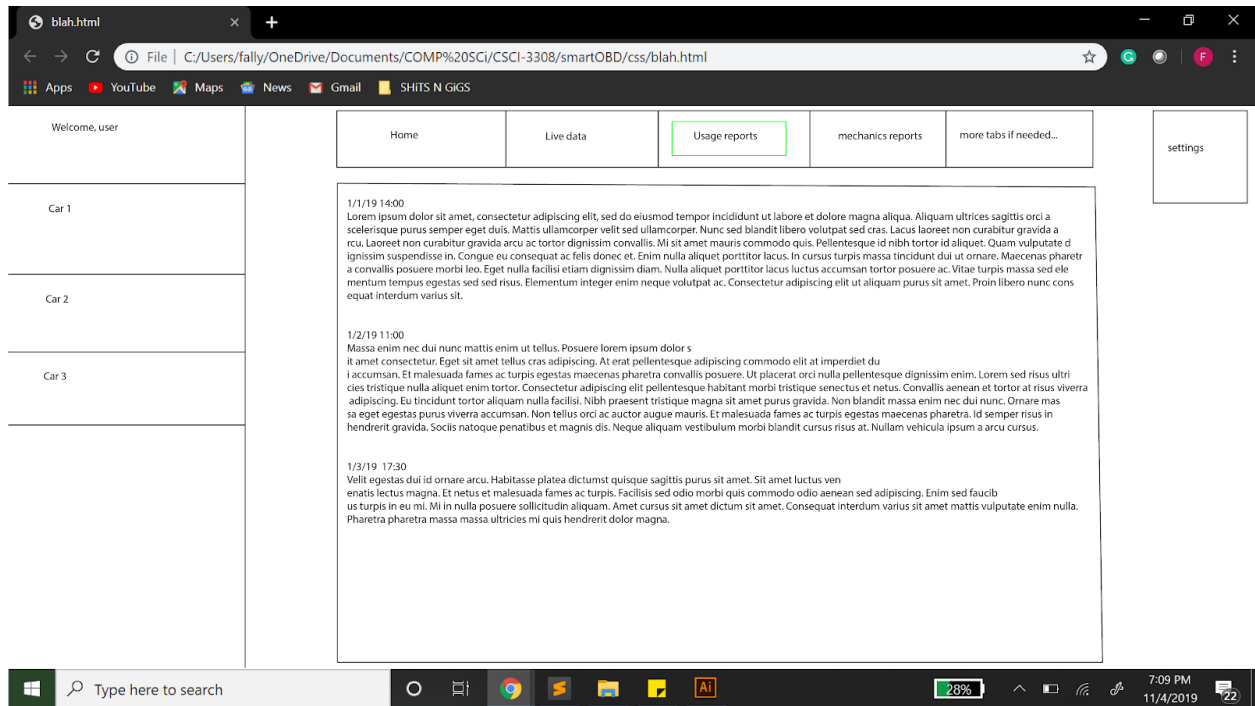
Architecture Diagram



- Python client communicates with OBD-2 using serial over USB
- Python Client uploads data to postgres with user info and timestamps
- NodeJS creates users and deals with login information and stores it all in postgres
- NodeJS reads data from Postgres to display on front end
- Pug/Jade pages are hosted on NodeJSade takes advantage of bootstrap and custom CSS stylesheets

Front End Design Wire Frames(Next Page)





Existing front end pages(not finished):

- <http://198.23.146.166:3000/home>
-

Database Design:

Using Postgres

