WEEKLY REPORT and MEETING AGENDA

Report #: 9   Project Name: <u>vBox: Vehicle BlackBox</u>
Date:<u>4/19/2022</u>   Prepared by: Jose C. Garza

Agenda for the weekly meeting

1. Ensure proper data retrieval and complete visualization on the front end
2. Ensure the start of addition of the driving behavior algorithm is set up before adding to the backend.
3. Obtain case and assemble it

Accomplishments during this period

1. Added gps line to the map in the web app.
2. Made graph axis more scaled and look nicer
3. Took out unnecessary graphs
4. Added real test data to the database.
5. Tuned the data already in the database so the front end only displays the actual data now.
6. Stored and tested the video, generated the links for the videos so they can be easily embedded to the web application.
7. Sent over 3D print order for the case.
8. Finalize program code for driver behavior.
9. Added code to the Raspberry Pi to record video.

Plans for next period

1. Assemble the Raspberry Pi with the 3D printed case.
2. Add driving behavior algorithm to the web app.
3. Script to upload files automatically.

Project management status

1. Regular meeting on Tuesday
2. Meet with Professor should there be any confusion and need for help
3. Regularly updated Google Shared Drive
4. Regularly updated project github
5. Record snippets for final video.

Minutes from previous meeting

We went over the way we will upload the videos to the database and the necessity of creating links for them in order for the front end to display them.
We went over different designs for the case and specific necessary features for it.
We went over ways to upload the data automatically to the database.
Discussed the final necessary elements to finish the project.

Weekly Report Form. CPSC 483 Computer System Design