WEEKLY REPORT and MEETING AGENDA

Report #:3   Project Name: <u>vBox: Vehicle BlackBox</u>
Date:<u>2/28/2022</u>   Prepared by: Lids Su

Agenda for the weekly meeting

1. Finish up the presentation
2. Finish the project proposal
3. Investigate good materials for 3D printing
4. Look into better 3D model designs that would satisfy our design needs(robust and compact)
5. Integrate Damoov API into the AWS workflow
6. Establish connections between software front end and cloud database(back end).

Accomplishments during this period

1. Finished the project presentation
2. Finished the project proposal
3. Successfully established the software structure which is constructed around AWS
4. Worked on testing the Damoov API to see how it works, and how we can implement it
5. Looked into various 3D printing materials: SLS (for final prototyping)
6. Looked into Metal 3D printing for design parts
7. Looked into FEDC services (they offer both metal and thermosetting plastic printing)

Plans for next period

1. Research into the format of data we are going to obtain from our prototype
2. Keep researching an optimal solution to the hull of the prototype
3. Work on the software interaction with web application
4. Assemble the parts together if the parts can arrive by next period

Project management status

1. Regular meeting on Monday
2. Meet with Professor should there be any confusion and need for help
3. Regularly updated Google Shared Drive
4. Regularly updated project github

Minutes from previous meeting

We exchanged our ideas to put into the project proposal and presentation, and decided on the abstract structure of our prototype. In addition to that, we decided how our web application is going to be developed with AWS.