

## WEEKLY REPORT and MEETING AGENDA

Report #:2  
Date:2/20/2022

Project Name: vBox: Vehicle BlackBox  
Prepared by: Christian Loth

### Agenda for the weekly meeting

1. Discuss any testing that will have to be performed
2. Discuss what the next steps will be to setup the DynamoDB database
3. Discuss how we will collect test data to test our prototype
4. Discuss the modules that we will need to install to get our Raspberry PI to work

### Accomplishments during this period

1. Worked on the project proposal
2. Determine the needed progress on the proposal
3. Discussed questions for the professor
4. Researched modules needed for the raspberry pi
5. Established AWS DynamoDB
6. Created web server layout for retrieving data from blackbox, and transform into words
7. Initiated 3D Designing for Product Prototype on SolidWorks

### Plans for next period

1. Research into the project software technologies we will use
2. Work on the proposal document
3. Work on the presentation
4. Use Damoov API and integrate it into AWS. We need AWS for faster processing of the large amounts of data we will be dealing with.
5. Get AWS to process the data and send it to our web server to display what is happening with the vehicle

### Project management status

1. Meet after presentation with Professor on thursday
2. Updated github
3. Finalized and sent parts order to TA
4. Proposal document and presentation touch ups
5. Check on status of parts

### Minutes from previous meeting

Met with the professor and they cleared up questions that we had with regards to the overall goal of the project

Determined a rough sketch of the project and some of the modules required

Did research of how to integrate software and hardware together