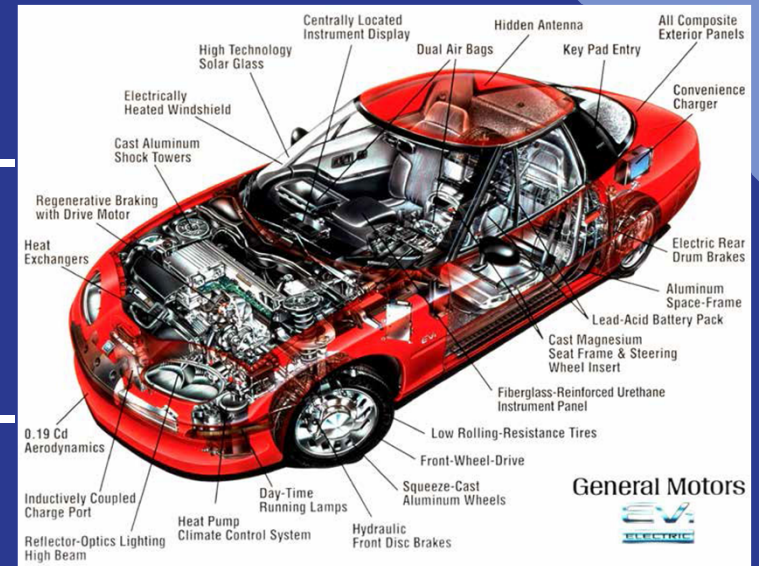


EV 2.0

PROGRESS REPORT

- ★ GOODNESS FOWORA
- ★ IKENNA ONYENZE
- ★ ARINZE UDEH
- ★ OLANIYI NAFIU



Milestone Summary

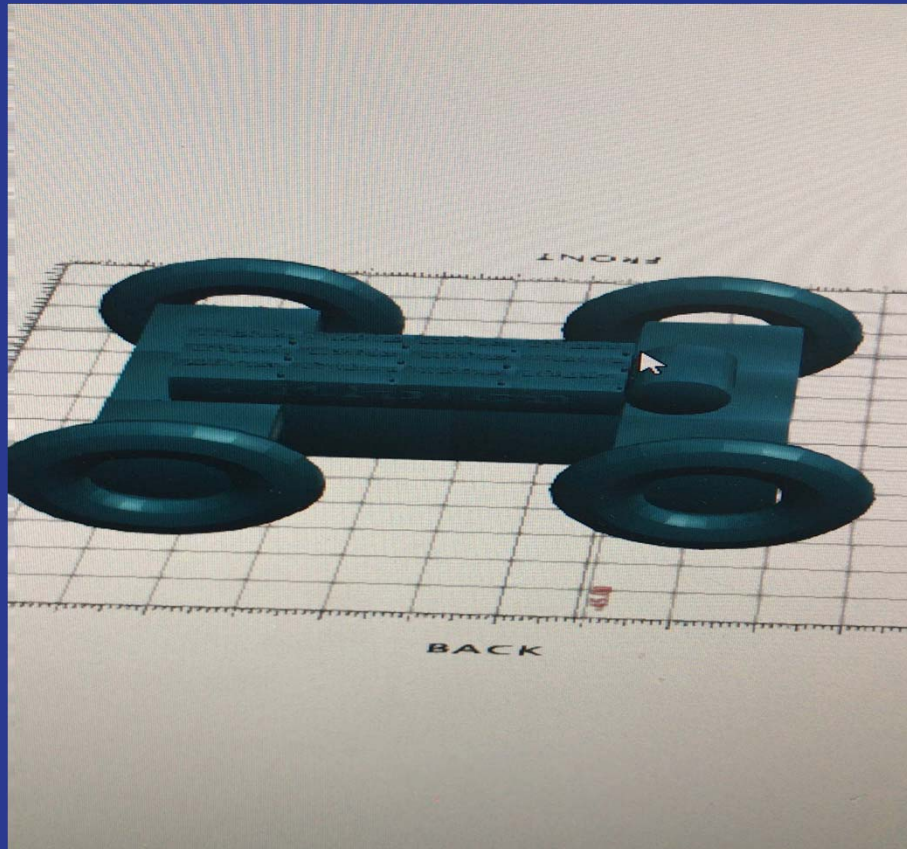
★ Implementation Plan

Task	Member Responsible
Background on EV	Goodness
Conversion of EV to a series hybrid vehicle by Dr. Ganley	Olaniyi, Arinze

★ More comprehensive 3D CAD Drawings - Ikenna

- Tires
- Battery Tray

Current 3D Sketch



Implement Plan Outline

- ★ Background on EV
- ★ Conversion of EV to a series hybrid vehicle by Dr. Ganley
- ★ EV 2.0 project
 - Project Overview
 - Conversion of the vehicle to an EV
 - Conversion steps
 - **3D drawings of new drivetrain**
 - 3D printing of new drivetrain
 - Cost analysis
 - Implementation of Autonomous components
 - Sensor requirements
 - Sensor gathering
 - Sensor integration

HIGHLIGHTS

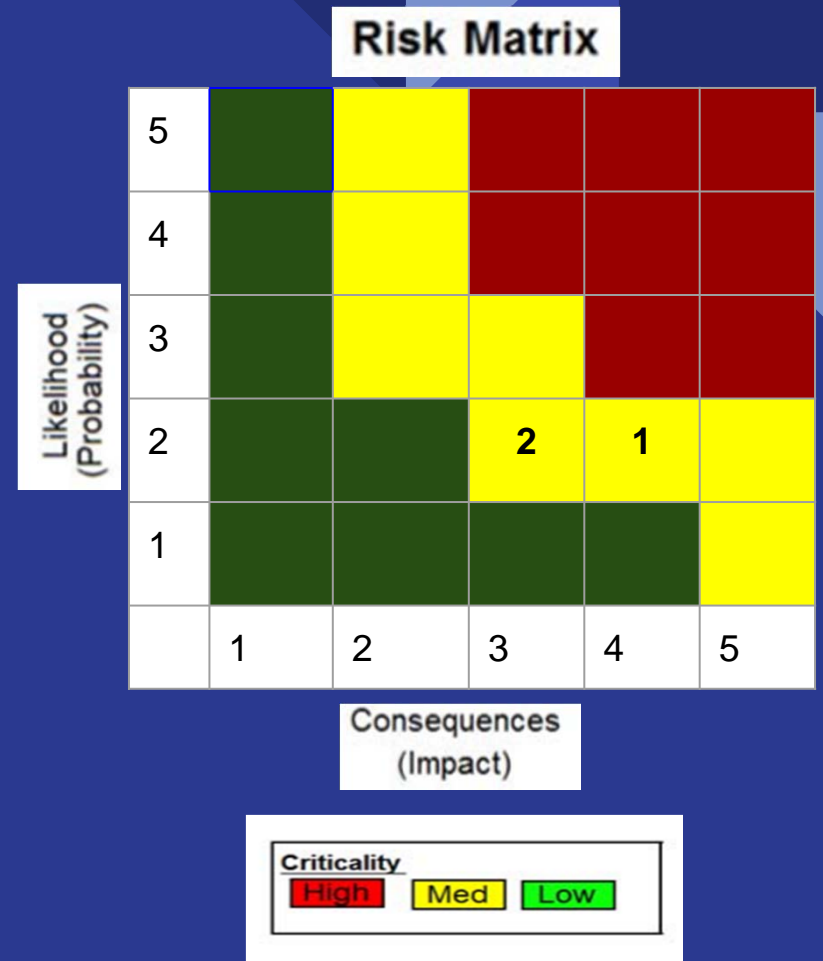
- More comprehensive 3D sketch
- Secured 3D printer for use
- Progress on Implementation plan

LOWLIGHTS

- Spring Break reduced project momentum
- Lack of access to state of the art CAD software

RISK MANAGEMENT

Rank	Risk	Mitigation Approach
1	Incomplete CAD drawings	Involve underclassmen with technical know-how
2	Faulty 3D printer	3D print with a third party



FUTURE ACTIVITIES

- ★ Complete 3D CAD Drawings
- ★ 3D print CAD drawings
- ★ Continue Implementation Plan Report

