

# Project Implementation and Evaluation Plan

Electrical Engineering and Computer Science

Howard University

## Senior Design Class

| <b>Date:</b>          |         | 1/23/2018   |                  |  |
|-----------------------|---------|---|------------------|--|
| <b>Team Name:</b>     |         | Spaceship Technologies  |                  |  |
| <b>Project Title:</b> |         | Deliveroid  |                  |  |
| <b>Team Members:</b>  |         | Shelton Allen   |                  |  |
|                       |         | Conrad Blash  |                  |  |
|                       |         | Jonathan Goberdhan  |                  |  |
| Month                 | Week No | Tasks   | Member in Charge | Monthly Deliverables                       |
| Jan                   | 1       |   |                  | CAD design                                 |
|                       | 2       |   |                  |  |
|                       | 3       |   |                  |  |
|                       | 4       | Constructing CAD design of frame                                | Conrad           |  |
| Feb                   | 1       | Measure hall dimensions/ Code 2D map                            | ALL              | Frame Implemented network features         |
|                       | 2       | Implement network features using Arduino Uno and ESP8266 module | Shelton          |  |
|                       | 3       | Build deliveroid frame  | Conrad           |  |
|                       | 4       | Build deliveroid frame  | Conrad           |  |
| Mar                   | 1       | Code RFID/Ultrasonic Sensor                                     | ALL              | Complete Code and assembled Deliveroid     |
|                       | 2       | Make coding testbench   | ALL              |  |
|                       | 3       | Program LEDs/motor-driver board                                 | Jonathan         |  |
|                       | 4       | Assemble and test all parts                                     | ALL              |  |
| Apr                   | 1       | Debug implementation issues                                     | ALL              | Presentation and FINAL Deliveroid assembly |
|                       | 2       | Project Demo + Presentation Event                               | ALL              |  |
|                       | 3       |   |                  |  |
|                       | 4       |   |                  |  |