Mustafa Said, Jack Haley, Pranshu Dash, Virrajith Mallavarapu

| 1)Executive Summary | | | | |
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| Project Manager | | Status Date | Phase | |
| *Helen Chavez* | | November 8, 2021 | Week 4 | |
| Project Status Schedule | G | Our project is currently proceeding well. We are ahead of schedule by almost a week and are prepared to finish earlier than we have expected. | | |
| Green = Launch On Schedule | Yellow =Tasks Behind Schedule | | | Red = Critical Path Impact |
| Project Document Repository | <https://github.com/moos3e/FSE-100/blob/main/Mastery%20Project%20Code> | | | |

| 2) Key Schedule Milestone Tracking from Gantt Chart | | | | |
| --- | --- | --- | --- | --- |
| Tasks | Target Date | Actual Date | Status (%) | Comments |
| Define which sensors will be used | 11/1 | 11/1 | 100 | We have defined the sensors that we will be using in our product. We are using an ultrasonic sensor and photoresistor sensor. |
| Define the code that will be used | 11/3 | 11/3 | 100 | We have written code for each sensor and have completed the functionality of the code. |
| Define how the sensors will be integrated | 11/3 | 11/3 | 100 | We have completed the integration of the sensors. |
| Defining the functionality of the product | 11/10 | 11/8 | 100 | We have defined the functionality of the ultrasonic sensor and the photoresistor and how they will work together. |
| Define the location the sensors will be placed | 11/10 | 11/10 | 50 | We are still in progress det |
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| 3) Progress from This Week |
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* This week we: completed the code for the raspberry pi
* we connected all of the sensors to the raspberry pi
* we confirmed that all the the sensors and their functions are work simultaneously

| 4) Progress Planned for Next Week |
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* Next week we will design the wearability of the hat
* Design the fashion aspect of the hat
* Finalize the complete hat with the sensors working on it

| 5) Gantt Chart Updated *<add the newest Gantt Chart>* |
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[Gantt Chart](https://docs.google.com/spreadsheets/d/1YUajqjS-MrhiFmF5NYASM3INPpeCx5Rwuh4P99IR3A0/edit#gid=0)

| 6) Team-Evaluation for the Week | | | | | |
| --- | --- | --- | --- | --- | --- |
| Team Member Name | Absent | Poor | Fair | Good | Outstanding |
| Pranshu Dash |  |  |  |  | X |
| Jack Haley |  |  |  |  | X |
| Mustafa Said |  |  |  |  | X |
| Virrajith Mallavarapu |  |  |  |  | X |