STAND UP MINUTES

NJRB2 | MVS9 | FA296

This document concludes all minutes for our stand ups.

# 09/10/18

## Attendees

Finlay Shepherd, Nicholas Bailey, Marielle Valdez

## Progress

|  |  |
| --- | --- |
| Done By | Work |
| *Nick* | * Have managed to use OpenCV to recognise a QR code from a picture * Read a few articles |
| *Marielle* | * Read a few articles regarding location problem * Managed to create 10 use cases regarding such problem |
| *Finlay* | * Accomplished the landing and flying of the drone simulator * Finished the diagram for message queues |

# 13/10/18

## Attendees

Finlay Shepherd, Nicholas Bailey, Marielle Valdez

## Progress

|  |  |
| --- | --- |
| Done By | Work |
| *Nick* | * Have changed the process of image analysis by making it so it finds the three squares within the QR code, then uses triangulation to work out the whole image * May create user stories to document the process * Added a few tasks on Trello |
| *Marielle* | * Read more research papers to support the location problem, and papers can be found within the comment |
| *Finlay* | * Managed to make the drone controlled using the keyboard, but there has been an issue in terms of escaping program |

# 16/10/18

## Attendees

Finlay Shepherd, Nicholas Bailey, Marielle Valdez

## Progress

|  |  |
| --- | --- |
| Done By | Work |
| *Nick* | * Added detailed notes on the OpenCV code |
| *Marielle* | * Improved the keyboard function by making it more concise and have fixed bugs surrounding the controls |
| *Finlay* | * Finished summaries for articles read |

# 19/10/18

## Attendees

Finlay Shepherd, Nicholas Bailey, Marielle Valdez

## Progress

|  |  |
| --- | --- |
| Done By | Work |
| *Nick* | * Made a GANNTT chart to track work progress during the project * Did a pair programming session with Finlay to try and send messages to and from OpenCV and ROS |
| *Marielle* | * Program kept crashing when trying to load image analysis onto ROS therefore will need a further look * Drone will not process every frame |
| *Finlay* | * Not much work done since last stand up. |

# 22/10/18

## Attendees

Finlay Shepherd, Nicholas Bailey, Marielle Valdez

## Progress

|  |  |
| --- | --- |
| Done By | Work |
| *Nick* | * Have managed to use OpenCV to recognise a QR code from a picture * Read a few articles |
| *Marielle* | * Read a few articles regarding location problem * Managed to create 10 use cases regarding such problem |
| *Finlay* | * Accomplished the landing and flying of the drone simulator * Finished the diagram for message queues |

# 30/10/18

## Attendees

Finlay Shepherd, Nicholas Bailey

## Progress

|  |  |
| --- | --- |
| Done By | Work |
| *Nick* | * Following QR code tutorials and currently working on the QR detection and should be done by the end of week |
| *Finlay* | * Followed simulation work |

# 09/11/18

## Attendees

Finlay Shepherd, Nicholas Bailey, Marielle Valdez

## Progress

|  |  |
| --- | --- |
| Done By | Work |
| *Nick* | * Transferred information from Trello to the GANTT chart * Switched to using a library to find the QR code * Applied OpenCV to ROS successfully, enabling image captures using the drone |
| *Marielle* | * Updated meeting minutes |
| *Finlay* | * Emailed iRobot and replied with comments regarding Roomba movements * Batteries for the drone uncharged therefore unable to use it * Can slow down the movement of the drone and therefore movement can easily be linked with the image feed |