

Group Name: psychic-octo-waffle

Meeting on 4/5/21, 14:00

Location: MTRX Lab

Duration: 3 hours

Attendees:

Everyone

Apologies:

Minutes:

Made new repo

Added group members as collaborators

Cloned repo to Local

General idea/plan:

Improve life quality for a blind person

Lidar sensor to detect obstacles, output feedback through speaker for demonstration

Accelerometers for detecting falls, call emergency contact if person has fallen (cancel button included if fall is not serious)

Extension:

Facial recognition algorithm for detecting familiar faces

GPS for directions/road detection etc.

Action Items

Action	Person to do	Deadline
Output interface	Jay, Hilton	11/5/21
Accelerometer/motion detection	Hrithik	11/5/21
Interface Lidar	Snow	11/5/21

Group Name: psychic-octo-waffle

Meeting on 11/5/21, 14:00

Location: MTRX Lab

Duration: 3 hours

Attendees:

Everyone

Apologies:

Minutes:

Continue Lidar, speaker and accelerometer modules

Plan microcontroller to PC serial interface for using PC speakers

Action Items

Action	Person to do	Deadline
Continue output interface	Jay, Hilton	18/5/21
Continue accelerometer/motion detection	Hrithik	18/5/21
Continue interface Lidar	Snow	18/5/21

Group Name: psychic-octo-waffle

Meeting on 18/5/21, 14:00

Location: MTRX Lab

Duration: 3 hours

Attendees:

Everyone

Apologies:

Minutes:

Continue Lidar, speaker, accelerometer and PC serial interface modules

Plan gyro module

Action Items

Action	Person to do	Deadline
Continue output interface	Jay, Hilton	25/5/21
Continue accelerometer/motion detection Begin gyro module	Hrithik	25/5/21
Continue interface Lidar Begin PC serial interface	Snow	25/5/21

Group Name: psychic-octo-waffle

Meeting on 25/5/21, 14:00

Location: MTRX Lab

Duration: 3 hours

Attendees:

Everyone

Apologies:

Minutes:

Integrate Lidar, speaker, accelerometer and PC serial interface modules

Integrate accelerometer/stabilization and servo modules

Continue gyro module

Plan servo module

Action Items

Action	Person to do	Deadline
Continue output interface	Jay, Hilton	1/6/21
Integrate accelerometer/ stabilization and servo modules Begin gyro module	Hrithik	1/6/21
Integrate Lidar, speaker, accelerometer Continue PC serial interface	Snow	1/6/21

Group Name: psychic-octo-waffle

Meeting on 30/5/21, 14:00

Location: Fisher

Duration: 1 hours

Attendees:

Everyone

Apologies:

Minutes:

Integrate Lidar, speaker, accelerometer and PC serial interface modules

Integrate accelerometer/stabilization and servo modules

Action Items

Action	Person to do	Deadline
Continue output interface	Jay, Hilton	1/6/21
Integrate accelerometer/ stabilization and servo modules	Hrithik	1/6/21
Integrate Lidar, speaker, accelerometer and PC serial interface modules	Snow	1/6/21