

Team Roles and Responsibilities

Team Members

- Federico Naranjo
- Ibrahim Bishtawi
- Jake Godin
- Peter Freundorfer
- Yusuf Adam

Responsibilities

These are the current responsibilities of each team member. They will be updated as project develops.

Federico Naranjo [Group Leader]

- Ensuring project is on schedule and within budget
- Inter-team communication with other team working on Gather-Ring
- Software for Arduino to read from Sensors
 - Noise Reduction from sensor data
- Communication link between Arduino and Raspberry Pi
 - USB link with serial output

Huzaifah Sulaiman + Yusuf Adam

- Raspberry Pi software integration
 - Making sure raspberry pi runs software on launch [when power is connected]
 - Software should run on start up
- Software to light up LED light strips
 - Given cartesian locations, update the lights to track persons

Ibrahim Bishtawi + Peter Freundorfer

- Designing and building Prototype model
- Create circuit designs and design schematics
 - To help us build it and debug
 - For presentations and reports

Jake Godin

- Software to take averaged sensor data and coordinate location of visitors
 - Three sensor values to triangulate position
 - Most likely to be run on Raspberry PI