Ian: Introduce Pitch

* We are Group 26
* Interest in the project: Open ended & allows creativity
  + IoT is changing the way we live at home
  + We recognise importance of security

Ian: About our Team

* Mario is team leader (hand off to Mario)
  + Mario: Say one/two things about your role and why you are a good leader
* Hand off to Thomas
  + Thomas: say what you do as admin (gathering and submitting documents)
* Hand off to Ian
  + Ian: Say what you do as Git Master (Managing code, Version control, managing branching)
* Hand off to Berk
  + Berk: Introduce self and give one example of what you can bring to the project (e.g. how good you were in the FSE labs or a personal interest in the project)
* Hand off to Buluthan
  + Buluthan: Introduce self and give one example of what you can bring to the project (e.g. how good you were in the FSE labs or a personal interest in the project)
* Hand off to Zaki
  + Zaki: Introduce self and give one example of what you can bring to the project (e.g. how good you were in the FSE labs or a personal interest in the project)

Ian: Now I’ll talk about how we are going to approach the project – Platforms to use

* (Mention emailing questions) We will be using Raspberry Pi to create device
  + Python Scripts will control sensors
  + Object Orientation to program each of the various sensors
  + File reading and writing to track usage of the sensor
* Create User Interface using either HTML CSS and JS libraries OR Python Kivy library
* Mention how the interface will be on tablet:
  + Allows easy use, communication over Wi-Fi network

Ian: As for how the project will be managed

* Talk about bi-weekly meetings
  + Getting requirements and adjusting Kanban board
* Use of online Kanban board
  + Divide and track tasks
  + Program modules in pairs to limit skill deficiencies
* Use of GitLab
  + Provide versioning and backups
  + Automate integration testing
* Use of University email and Calendar
  + Will help us keep track of meetings and allow communication with supervisor & client

Ian: These are the progress milestones we’ve discussed for the project

* Simple and initial
  + They’ll be subject to change
  + They’ll become more specific once we officially start planning the project
* Most important points are to have a prototype which does something simple by the end of December (hopefully by the end of the semester)
* Finish the minimal viable product in March and look to see where it can be improved
* Finish the final product at the beginning of April
  + Use the holidays as slippage time

Ian: Why should you choose us

* Have a range of technical skills between us
  + I have used a raspberry pi running Raspbian and researched various projects people have don’t using them (automatic dog feeder and smart mirror)
  + Whole group has used both Git and JUnit which can all be used for this project
  + Berk has also written IB extended essay on electronics which I’d like him to speak about more
    - Hand off to Berk
    - Explain what you did in your IB essay
  + Berk: Mario has experience being a team leader and would like to explain a bit more about that.
    - Hand off to Mario
    - Explain how your work as team leader in other companies has improved you
    - Explain about experience in IoT
  + Mario: Zaki has also worked in a team in a professional environment. He will now explain this experience
    - Hand off to Zaki
    - Explain how work in an app development team helped you.

Ian: To summarise

* We believe we’d be the best group for this project because of our experience and skills
  + Many of our group members have worked professionally in teams before
  + We have an experienced team leader
  + Significantly we all are willing to learn
* Our approach is suitable
  + Uses frequent interaction and continuous planning and integration
  + Will help us narrow the scope of the project
* We are interested in the project
  + IoT is changing the way we live at home
  + We recognise importance of security
* Thanks for listening