# Requirements:

* The app must welcome new users, and allow them to connect to Jetson Nano via Bluetooth
* The app must turn on the system
* The app must turn off the system
* The app must notify the user when an object has been successfully identified AND provide the identification to the use
* The app must notify the user when an object is unidentifiable AND stop the system for the user to pull out the object, or deposit the object in an ‘unknown catgeory’

# Objectives:

* The app should remember the user’s name
* The app should be able to operate on two modes:
  + Training mode – the system will be able to receive live feedback (ie did the model get it right? This will make the system smarter as it goes).
  + Default mode – the system receives no feedback

# Assumptions:

* The app will ‘turn on’ the system – the app will start conveyor belt and image recognition
* We expect the user to know how to connect to Jetson Nano via BT.

# Questions:

* What colours?? I arbitrarily picked a colour scheme, but it’s certainly up for discussion
* Do we want a new app picture? Again, totally up for discussion
* Is it important that the **prototype** app remember the Bluetooth connection?
* How can we prevent users from connecting to the wrong BT device?
* Accessibility requirements?
* Currently assuming user places object in, presses ‘scan’ then device sorts (as opposed to a continuous scan). Is this an ok assumption?

For software to research

To discuss with other sub-teams