FYP - Weekly Logs

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**Software and Electronic Engineering**

**Year 4**

# Week 8: Ending – 22/11/2020

1. **This week’s work:**
   1. Created a Jira page for the project. Created Epics for each main task, added the epics to a roadmap and created sub tasks for the Epics currently in progress.
   2. Continued work on OpenCV course. Completed basics and am now moving onto more advanced topics like object detection/tracking.
2. **Next week’s work:** 
   1. Continued work on OpenCV course. Hope to complete advanced topics and move onto deep learning.
   2. Will commence software diagram for ESP32 code.
3. **Blockers:** None.
4. **Schedule:** Looks like Image processing software diagrams will not be started until week 10.

# Week 9: Ending – 29/11/2020

1. **This week’s work:**
   1. Completed software flowchart for ESP32-CAM.
   2. Came to realisation that my use of ESP32-CAM may not be justified; its only use will be to capture images and send them to be processed, this can be done by any WIFI camera.
   3. Continued work on OpenCV course. Finished topics on feature, and face detection.
2. **Next week’s work:** 
   1. Moving onto Deep Learning on OpenCV course. Hope to have this finished before end of week, so software design of my own project can start.
   2. Come to a clear conclusion on how/if I want to continue to implement the ESP32-CAM, or just use a normal WIFI camera.
3. **Blockers:** None.
4. **Schedule:** If it is decided I will not use ESP32-CAM, time will be diverted from its development, to other tasks.