

## **Minutes Week of 5 August 2019 – Group B**

Meeting Chair: Group 9

### **Agenda:**

1. Roll Call
2. Progress and challenges of each group for the past week, in order of 5, 39, 44, 9
3. General discussion and observations by the supervisors

### **Roll Call:**

All present except for Prof. Nixon who sends his apologies as he is unable to attend.

### **Group Summaries:**

#### **Group 5:**

- Bugged down with data labelling – primary problem
- No temporal network
- But getting there slowly
- Footage of dark versus bright difficult to process and struggling for individual frame
- Thinking of std edge detection
- Other issue- lot of work splitting script up and pre amble work
- Evaluating 3 networks:
- Ver Alex net fast not accurate
- Google Deep lab 3
- Discrimination problem
- Extremely difficult to implement
- Might find discrimination libraries
- Difference in blocks of 4 instead of 50
- Looking at light versus dark hopefully discrimination will get rid of that
- Prof. Clark suggested a classifier that works with both
- Lightning super bright and separate everything else
- The issue is what is not lightning?
- Clouds are problems

#### **Group 39:**

- Basic recap of their previous week
- Not many problems were encountered
- Simple testing and modelling
- Target for next week thermal protection
- On schedule for now

#### **Group 44:**

- Not many problems this week
- Moving back to the relay to Rs scan
- Connect simulation to relay - struggling still with simulation software
- Revert to actual relay
- Start work on connections to relay simultaneously
- Main problem is relay on RS cad

- Sharing time on RTDS though time is alternating

#### **Group 9:**

- Ongoing problems
- Very many measurement issues
- Cable length effecting measurements
- Some cables are problematic
- Meaningful measurements
- Other issues - managed to communicate with devices but run automation is troubling
- Little documentation
- Protocol is not making sense
- Interfacing is confusing
- Struggling with eagle

#### **General comments from supervisors:**

- Discussion on time left and how to start thinking differently and aiming for the end
- 17 days left
- Difference between half way mark and half way through the work- reevaluate priorities and get stuff done
- Lot still to do
- Needed this half to get here
- No better way to do this
- Scyfin
- cpython - communication stuff !!!!NB!!!

#### **General note:**

- Start with report thinking
- Start preparing the document structure
- Start thinking about the end game
- Report is on what is done not on scope
- Don't fall into trivial scope
- Project must still be 4th year kevel
- Key thing is document is on WHAT you HAVE done
- Prioritise content in report
- Project was always going to change and make peace with it
- Write report as if you knew what you were doing
- Fake it till you make it
- Write it as if you didn't stuff it up
- Switch thinking

**END OF MEETING**