ECS Project Information Form

Name: James Magallanes, Sean Stevenson, Kristen Tait, Dylan Kumar, Nicholas Snellgrove, Brandon Scott-Hill

Course : ENGR301

Supervisor : Shima Afzali

Project Name: The Bus Factor

Project Description: Our project is the development of a system capable of observing an intersection and detecting whether a bus has run a red light.

RISK ANALYSIS

Does your project contain anything that can cause serious harm or death?

eg building /modifying things with voltages over 60V, Chemicals, Moving machinery (eg Tank/Marvin) , Flying components (eg Phantom UAV, Plane), Bodies of water.

YES ☐ (Major)   NO ✔

If Yes
Please contact the School Safety Officer or Electronics Technicians to talk through your Safety Plan

Otherwise

Does your project contain anything that can cause **harm or Injury?**

eg building /modifying things with voltages up to 60V, Moving machinery (.eg. desktop Minions), Flying components e.g. (micro Quad rotor, Parrot AR Drone, heavy items)

YES ☐ (Medium)   NO ✔

If Yes, please Complete a Safety Plan, and send to Safety Officer

Everyone to complete.

Computers are an integral part of all projects.

Describe how you will manage computer related risks such as Occupational Over Use, Cable management, etc.

Eg taking breaks, Keeping cables tidy and not messy, etc

Occupational Over Use: We shall keep a good track of everyone to make sure we are all contributing evenly and not over-working ourselves. If someone identifies they are over-worked we shall make all efforts to alleviate their responsibilities.

Cable management: Due to us using our own laptops primarily, we need to make sure our power cables are neat and tucked under desks. When using the ECS computers they should be maintained for us.

Spillage: Limiting any food or drink present near computers will prevent any possible spillage on the computers.

Computer crashing: We shall aim to commit our code consistently to the Gitlab so any issues that arise involving us not being able to work on the computers, or the computers losing our code will be prevented.

Lacking Software: We may require software that isn't stored on the ECS computers, thus would need consent to install any critical software we lack.

General Project information –   **Student or team to fill out, if in any doubt select yes.**

Is your Project (it may be be both.)

In-house   eg internal school project ☐   Industry based or have an external client ✔

In your project will you being working or testing at any industry workplace or external sites. This includes meetings at client offices, or visits to sites.

YES ☐   NO   ✔

Have you been Health and Safety inducted into the industry workplace or external sites

YES ☐   NO   ✔

Does your Project use human test subjects?

YES ☐   NO   ✔

Will you have Ethics Approval before you start testing?

YES ☐   NOT APPLICABLE ✔

If you have any doubts on which category your project falls into please contact the School Safety Officer, to help evaluate the safe risk.