**Chengdu University of Technology Oxford Brookes College**

**Project Module (CHC 6096)**

**Weekly Report Sheet**

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| STUDENT NAME: | Haley |
| STUDENT NUMBER: | 201918020102 |
| SUPERVISOR NAME: | Happy Monday |
| DATE: | 9/12/2022 |
| Briefly list all the main tasks you accomplished in the week.   * Refine the GUI by adding style from a theme extension for tkinter called ttkbootstrap * Build GUI for Chinese traffic sign dataset * Implement the MobileNetV2 model code and train the model * Study of keras Image preprocessing ImageDataGenerator | |
| Briefly state all the challenges you encountered in the week.  The challenge I encountered this week is the same GUI program had problem in image preprocessing last week, that is because Tensorflow versions prior to 2.6 had the predict\_class attribute, which could automatically turn the results into a 0, 1 distribution when the results were predicted, the predicti\_classes function was removed in TensorFlow 2.6.  So it can only uses predict. | |
| Briefly Plan out the agenda for next week.   * Start to write the first draft of progrss report * Finish the image preprocessing code to complete the GUI * Continue studying keras to fix the bug * Refine the MobileNetV2 model | |
| SUPERVISOR SIGNATURE: |  |