**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: | 15/12/2022 |
| Briefly list all the main tasks you accomplished in the week.   * Continue studying keras to fix the bug * Refine the MobileNetV2 model * Finish the image pre-processing code in GUI of Chinese Traffic Sign Recognition to pre-process the image * Label the 58 categories of traffic signs and understand what they mean | |
| Briefly state all the challenges you encountered in the week.  The challenge I encountered this week is about the image preprocessing. After I make the image to array, I tried to use the data to predict. However, it says there is value error that the input data in ‘NumpyArrayIterator’ should have rank 4. I passed an array with shape ‘(224,224,3)’. I guess there is some problem about the dimension, 4 dimension is needed but there is only 3. | |
| Briefly Plan out the agenda for next week.   * Refine the GUI to make the interface layout better * Finish the GUI of Chinese Traffic Sign Recognition * Find more paper about MobileNetV2 so that could start to write the background review in progress report * Write a literature review to start the background review | |
| SUPERVISOR SIGNATURE: |  |