**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: | 22/12/2022 |
| Briefly list all the main tasks you accomplished in the 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 | |
| Briefly state all the challenges you encountered in the week.  The challenge I encountered this week is how I solve the image preprocessing problem from last week. There is some problem about the dimension, 4 dimension is needed but there is only 3. To solve the problem, the method called expand\_dims from numpy is used. This method is able to expand the dimension from (width, height, channel) to (batch,width, height, channel). | |
| Briefly Plan out the agenda for next week.   * Finish the background review by stating a summary of related literature. * Finish the Project Technical Progress in progress report, which mainly to describe the core model to be employed. * Refine the model and GUI of Chinese Traffic Sign Recognition | |
| SUPERVISOR SIGNATURE: |  |