**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: | 11/11/2022 |
| Briefly list all the main tasks you accomplished in the week.   * Read five papers that are related to traffic sign recognition using Convolutional Neural Network (CNN), write a short background review to summary and analysis their advantages for each. * Study the basic concept of CNN and understand a simple example of one layer in CNN. * Search and download a dataset for training and testing CNN model in kaggle. * Start to write the background review of project proposal. | |
| Briefly state all the challenges you encountered in the week.  I only studied one simple example of CNN in the past one week. Because I found out there is a lot basic knowledge of deep learning I must study first before getting to the study of CNN. Also, there is many notation needs to remember so that I can understand the architecture mentioned in the paper. Moreover, the understanding of deep learning is related to some mathematics knowledge which I have not learned yet. So it is also a challenge . | |
| Briefly Plan out the agenda for next week.   * Finish the first draft of project proposal by 13th  , Nov. * Further study basic knowledge of Deep Learning. * Study of a more complex example of CNN. * Have a brief idea about my CNN design, like which model I am going to use. | |
| SUPERVISOR SIGNATURE: |  |