**Chengdu University of Technology Oxford Brookes College**

**Project Module (CHC 6096)**

**Weekly Report Sheet - 2024/2025 Academic Year**

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| STUDENT NAME: | Jane |
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| SUPERVISOR NAME: | Irfan Ullah |
| WEEK NUMBER | 1 |
| DATE: | 2024/10/21 - 2024/10/27 |
| **Action plan for the current week:**   1. Literature review: The literature about this project is found in the past five years, and the advantages and disadvantages of its methods are summarized. 2. Project proposal：Section one and two continue, completing the content of section 3 and four 3. DataSet: Some of the data sets were successfully downloaded. | |
| **Challenges and issues encountered in the week:**  1.The measurement index of the deep reading learning model is not clear, so it is difficult to effectively compare the existing forest fire monitoring methods based on deep reading learning.  2. There are some obstacles in the collection of image data, and they are not skilled in processing image data.  3. Need to learn how data sets are classified. | |
| **Action plan for the next week:**   1. Project proposal：Complete and submit. 2. Literature review ：Continuous literature review and method comparison. 3. Perfect the collection of image data and normalize the images. 4. Learn how to divide the data set into the training set, the validation set, and the test set. | |
| **Supervisor Feedback:** | |