**Chengdu University of Technology Oxford Brookes College**

**Project Module (CHC 6096)**

**Weekly Report Sheet**

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| DATE: | 2022.10.28 |
| Briefly list all the main tasks you accomplished in the week.   1. Determine the scope of the topic, the original topic A comparative study and implementation of standard cryptographic algorithms. Instead, a new algorithm is proposed to improve the security. 2. Search Read about the current popular algorithms, roughly understand the classification and basic knowledge of the algorithm. | |
| Briefly state all the challenges you encountered in the week.   1. When determining the scope of the topic, it is difficult to find 8 specific suitable algorithms, so I choose to choose the topic again. 2. When understanding popular encryption algorithms, there are a lot of complicated knowledge involved, and there are a lot of incomprehensible knowledge to digest and understand. | |
| Briefly Plan out the agenda for next week.   1. Carefully read some review papers to have a clearer understanding of the structure and history of encryption algorithms. 2. Choose a target paper and find some problems with the paper. | |
| SUPERVISOR SIGNATURE: |  |