**Chengdu University of Technology Oxford Brookes College**

**Project Module (CHC 6096)**

**Weekly Report Sheet**

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| STUDENT NAME: | Tony |
| STUDENT NUMBER: | 201918020429 |
| SUPERVISOR NAME: | Jakir Hossain |
| DATE: | 2022.12.10 |
| Briefly list all the main tasks you accomplished in the week.   1. Read the papers about HEC encryption algorithm, understand the difference between ECC and ECC and understand its encryption logic2. Design your own model. 2. A payment system using HEC encryption algorithm is designed to replace ECC encryption algorithm by HEC encryption algorithm to reduce the storage pressure of the payment system and the encryption security is higher and the encryption speed is faster. | |
| Briefly state all the challenges you encountered in the week.  1. Some details of HEC encryption algorithm are still unclear, and there are few articles on the Internet about the implementation of this encryption algorithm. It is very difficult to write code, which seems to be not a good direction | |
| Briefly Plan out the agenda for next week.  1. Start writing a progress report.  2. Next week, look for examples or papers with source code on specific implementations of HEC. | |
| SUPERVISOR SIGNATURE: |  |