**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: | 2022.12.2 |
| Briefly list all the main tasks you accomplished in the week.  1. Read more papers about ECC encryption algorithm, and find some disadvantages of ECC algorithm in ECC encryption algorithm extension (HEC).  2. Design your own model. | |
| Briefly state all the challenges you encountered in the week.  1. Although some problems have been found, HEC encryption algorithm is more difficult than ECC encryption algorithm, involving more mathematical knowledge, it is difficult to understand the calculation of HEC encryption algorithm, and there are few online resources | |
| Briefly Plan out the agenda for next week.  1. Look for articles about HEC on other academic websites to understand the logic of HEC  2. A new model using HEC encryption algorithm to strengthen ECC encryption algorithm is designed | |
| SUPERVISOR SIGNATURE: |  |