**INTI International College Penang School of Computing**

**3+0 Bachelor of Science (Hons) in Computer Science, in collaboration with Coventry University, UK 3+0 Bachelor of Science (Hons) in Computing, in collaboration with Coventry University, UK**

# Coursework cover sheet

**Section A - To be completed by the student.**

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| --- | --- |
| Full Name: Julian Koh Chee Yong | |
| CU Student ID Number: p22014789 | |
| Semester: Semester 3 | |
| Session:  **April 2023** | |
| Lecturer:  **Puteri Nursyawati Azzuri (puteri.azzuri@newinti.edu.my)** | |
| Module Code and Title:  **4067CEM Software Design** | |
| Assignment No. / Title:  **Continuous Assessment** | % of Module Mark:  **50** |
| Hand out Date:  **12 May 2023** | Due Date:  **Task 1: 02 June 2023, by 11.59pm.**  **Task 2: 07 July 2023, by 11.59pm**  **Task 3: 23 June 2023, by 11.59pm.**  **Task 4: 23 June 2023, by 11.59pm.**  **Task 5: 23 June 2023, by 11.59pm.** |
| Penalties: No late work will be accepted. If you are unable to submit coursework on time due  to extenuating circumstances, you may be eligible for an extension. Please consult the lecturer. | |
| Declaration: I/we the undersigned confirm that I/we have read and agree to abide by the University regulations on plagiarism and cheating and Faculty coursework policies and procedures. I/we confirm that this piece of work is my/our own. I/we consent to the appropriate storage of our work for plagiarism checking.  Signature(s): jk | |

# Section B - To be completed by the module leader

|  |  |  |
| --- | --- | --- |
| Intended learning outcomes assessed by this work:   1. Understand and apply appropriate concepts, tools, and techniques to each stage of the software development. 2. Understand and apply design patterns to software components in developing new software. 3. Demonstrate an understanding of project planning and working to agreed deadlines, along with professional, interpersonal skills and effective communication required for software production.   5. Demonstrate an awareness of, and ability to apply, social, professional, legal, and ethical standards as documented in relevant laws and professional codes of conduct such as that of  the Malaysian National Computer Confederation. | | |
| Marking scheme | Max | Mark |
| 1. User Story Mapping | 20 |  |
| 2. Setting up a GitHub |  |
| Repository | 10 |
| 3. Creating a Class diagram and |  |
| design pattern selection | 30 |
| 4. Creating a Prototype User |  |
| Interface and Usability Testing | 20 |
| 5. Discuss the ethical issue |  |
| related to the software | 20 |
| Total | 100 |  |

**TASK 4**

**Payment function**

This is the payment page for a customer after they have decided on their orders and clicked confirm cart orders, they will be navigated to this page, the payment method will default to saved card or they can change the payment method to cash on delivery.

A screenshot of a document

Description automatically generated

Objective: Assess the usability of the payment function

**Payment testing:**

Did you receive feedback or confirmation after confirming the payment?

Was the confirm payment easy to press/click?

Is the payment interface intuitive to use?

Was there any challenge selecting a payment method?

Is there any payment methods that are missing?

**Add product function**

This is the Add product page of the students to list products to their store page. This is the page where students add in the details of the product.

A screenshot of a computer

Description automatically generated

Objective: Assess the usability of the add product function

**Manage listed product testing:**

Were the required fields well indicated?

Was it easy to add input details into the fields?

Is the uploading image for the product easy?

Is the interface intuitive and easy to use?

Anything you would like to add?