**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

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| 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 |  |

As a student, I want to receive feedback and ratings from customers of my business within the Student Business System, so I can improve my service/products based on their feedback.

As a student, I want to access educational resources, such as articles, videos, or courses related to entrepreneurship and business management, so I can improve my knowledge and skills.

As a student interested in business, I want to register for the student business system, so I can access its features and resources.

As a student, I want to create and manage my business profile within the system, so I can showcase my credibility.

As a student, I want to browse and search for other student businesses, so I can explore potential collaborations.

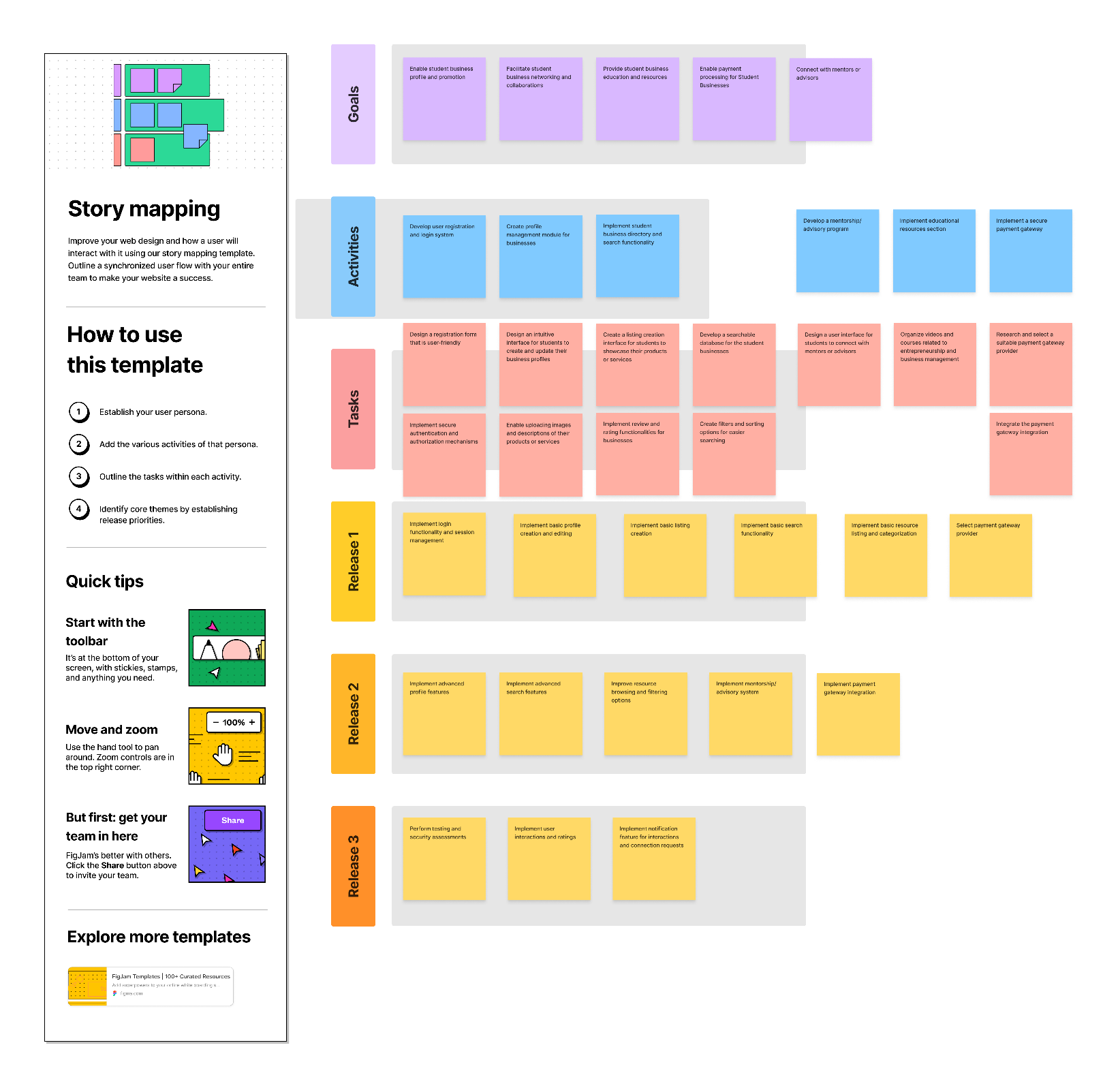
As a student, I want to be able to list and promote my products or services, so I can attract customers.

As a student, I want to receive notifications about business events and networking opportunities, so I can expand my knowledge and network.

As a student, I want to be able to track the performance of my business activities within the system, so I can make informed decisions and improvements.

As a student, I want to connect with mentors or advisors within the student business system, so I can seek guidance and advice.

As a student, I want to be able to process online payments securely within the student business system, so I can conveniently conduct transactions with customers.

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