**INTI International College Penang School of Engineering and Technology 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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| Semester | | : | April 2023 | | |
| Lecturer | | : | Mdm. Koo Lee Chun | | |
| Module Code and Title | | : | 6002CEM – Mobile App Development | | |
| Assignment No. / Title: Coursework  CW2 – Project | | | | % of Module Mark : | 75% |
| Hand out date: | 2 May 2023 | | | Due date: | 18 June 2023 |
| 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 appropriate storage of our work for plagiarism checking.    Signature(s): - - | | | | | |

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# Introduction

# Use Case diagram

# Detail explanation for each module

Label clearly each module name and student name who work on that module

* **User management (User Authentication)**
  + Enables users to create accounts, log in securely, and manage their profiles. It ensures personalized experiences, saved preferences, and access to user-specific features.
* **Content Management**
  + Allows administrators to manage and organize the collection of comics and novels available on NovelComix. It includes features such as adding new content, categorizing them by genres or authors, and updating existing content.
* **Search and Discovery**
  + Enables users to search for specific comics or novels based on titles, authors, genres, or keywords. It also includes personalized recommendations, trending content, and filters to help users discover new reading materials.
* **Reading Interface**
  + Provides an interactive and immersive reading experience for users. It includes features like page navigation, zooming in/out for detailed viewing, bookmarking, highlighting, and customizable reading settings (font size, background colour, etc.).
* **Bookshelf and Reading History**
  + Allows users to create personalized bookshelves to organize their favourite comics and novels. It also keeps track of their reading history, allowing them to resume from where they left off and track their progress.

## User Accounts Management

Users can create accounts to access the application and personalize their details such as information and preferences. Also, admin have the access to the user accounts management to ensure they would avoid spam accounts or user who abuse the application.

## Browse and Search

Users can browse and search for comics and novels by title, genre, author, or keyword. By filtering any keywords, user could find the stories they wanted or by genres to explore new stories.

## Reading Modes

Users can switch between comic and novel versions, with options for page-by-page or continuous scrolling reading mode. During comic version, user will see the stories with visual like images and bubble with speech while arranging in sequence by sequence. Alternately, during novel version with text arranged in paragraph and chapters, user could focus more into the story in a more literary manner. In different reading mode, reader could choose either turning page or one continuous stream scrolling down to read.

## Bookmarks and Favourites

Users can bookmark their favourite comics and novels, save them to their favourites, and resume reading from where they left off. From this, user would not require to search again they have read last time.

## Multi-language Support

The app can offer support for multiple languages, allowing users to access content in their preferred language. This could also help user to read in their preferred language or if they wanted to learn the foreign language through reading novels or the speeches in the comics.

## Offline Reading

Users can download comics and novels to read offline, making it easy to access content on the go. For example, the user would have to go to some places where without any Wi-Fi or mobile data, they still could access the comic or novel of the NovelComix that they have downloaded prior to their travel or trip.

# Strengths of the app

# Weaknesses of the app

# Future enhancements

* + - **Social Features**

Users can share their favourite comics and novels on social media platforms, follow other users, and leave comments and reviews. Through this way, user would be sharing their thoughts with other users. Hence, they could also make suggestion of the application or storyline to the admin or author in order to make improvement.

* + - **Multi-language Support**

The app can offer support for multiple languages, allowing users to access content in their preferred language. This could also help user to read in their preferred language or if they wanted to learn the foreign language through reading novels or the speeches in the comics.

* + - **In-app Purchases**

The app can offer in-app purchases for premium content or subscriptions, allowing users to access exclusive content. Through the subscriptions, readers could support their favourite authors by subscribing to the comic or novel. This could also help in the revenue of the application as well as the income for the authors.

# Reflection from each member

## Damien Tan Lek Khee

## Lim Pau thing

## Ooi Ying Jie