**Project Assignment**

**COMP6231 – Human and Computer Interaction (Flutter)**

**Requirements:**

1. Build a mobile app using **Flutter**. The app should have 5 Pages, a Login Page, Home Page, Items Page, and a Detail Page, the details will be provided below. Please consider your mobile app’s **UI/UX** to be appropriate for the customer segment.
2. You may use some dummy data that you’ve collected from the internet
3. Your mobile app UI/UX should be **mobile first** (obviously)

**Pages:**

1. **Login Page**

* Provide your **business’ logo**
* Provide **username/email, and password field** on the page
* Create a minimum of **3 kinds of unique validations**.
* **Display error messages** below the field if any errors exist.

1. **Home Page**

* Create a **Navigation Bar**, with the following details:
* **Display the logged in username** on the navbar
* Display **some useful navigation menus**
* Display **a logout menu**, when tapped, redirect to **Login Page.**
* Display a PopUpMenu to **toggle** the theme of your app from light theme to dark theme and vice versa.
* Display an **image carousel** showcasing your business products or promos and events.
* Display some **infographics of your design**, show some descriptions about you business and it’s activities.

1. **Items Page**

* Display **a list of items from your business**, display information such as image thumbnail, item nail, and item price (if any).
* If any of the items is tapped, it will redirect to **Detail Page.**

1. **Detail Page**

Create a Tab View splitting the detail page into 2 parts and don’t forget to add icons to tab bar. Create the tabs based on the following details:

* **First Tab**
* Display item image, detail/description, and price (if any).
* **Provide a review/comment field**, validate that the **review/comment must not be empty**.
* **Display a Snackbar** if the review/field is invalid.
* **Second Tab**
* **Display list of reviews/comments**, each should contain the username/email of the user and the review/comment itself.

**To be Collected:**

1. Please use *flutter clean* beforehand to remove the build folder and reduce the project size.
2. Please kindly provide **hosted project repository** (can be GitHub, GitLab, or BitBucket).
3. Please **write a simple documentation** of your app, provide an explanation on how your web apps work **with a link to the repository.**

**Notes:**

1. Good and usable UI/UX is a big plus! We always appreciate you if you can give your best in website designs.
2. There is no need to store the data in a database, you can freely use a List to store the data.
3. You don’t need to create your own logo, you can use whatever logo you want.
4. ***Fun Fact****:* Mobile Platform Engineers in \*\*\*\* are currently using flutter to build their mobile apps.

*If you have any questions, feel free to contact your Subject Coordinator!*

*Remember, no Cheating!*