Phase 3: DESIGN THE ENVIRONMENT and THE USER & SYSTEM INTERFACES

DESIGN THE ENVIRONMENT

1. **Using the project description then answer the following questions:**

a. With what external systems and databases will the system under development interact?

b. What devices will be used for automated inputs and outputs?

c. What user-interface technology will be used?

THE USER & SYSTEM INTERFACES

2. **Using the system sequence diagrams developed during the analysis phase of your project:**

a. Identify the various screens and forms that may be needed for the user interface.

3. **From use case diagrams developed during the analysis phase of your project which related to the screens and forms identified in (2.a):**

a. Create a good menu design by following the principles you studied. This should start by defining how use case are grouped inside a menu in a tabular format, which is followed by the actual menu design and define which menu style will be used?

b. For the screens and forms identified in (2.a) create a **Storyboard** that captures the sequences of event involved during the user's interaction based on your application type (custom, stand-alone, browser-based) identified in (2.b). Storyboards may be designed using **wireframe tool or any low-fidelity** paper sketches, e.g. pencil tool, power points, etc.

c. Design a web-based user interface (screen) and mobile/tablet interface for one of the screens from (2.a).

4. **Consider all User Interface Design Guidelines you studied and show how they addressed in your screens**

Reports:
- Design One electronic internal output reports of your choice.
- Design One electronic external output reports of your choice.

Deadline: 28 / 12 /2022