Lab 2

Objectives

1. Describe the steps of a business process.
2. Identify different scenarios for this business process
3. Use JustInMind to create a mockup of the business process steps.
4. Evaluate a prototype for another student and report your findings.

Instructions

1. Identify a business process of your choice. [Example: Make a booking for a meal in a restaurant]
2. Identify the steps of the main scenario[path] of this business process.

   Example: Steps of "Make a booking for a meal"
   1. *Identify restaurant for booking.*
   2. *Identify number of people for booking.*
   3. *Identify date and time.*
   4. *Identify contact details*
   5. *Identify any special requirements.*

3. Identify and two alternative scenarios[paths] and steps required to handles these alternatives.
   Examples of alternative scenarios:
   > *No availability for specified date and time.*
   > *No availability for specified number of people*.

4. Consider the situation where you have been requested to write software to enable your selected process to be carried out online. Use **JustInMind** to create a mockup of the business process steps.
   Your prototype must adhere to the following:
   i. At least 4 screens .
   ii. Screens must be dynamically linked and use a number of conditions to trigger events.
   iii. Use Scenarios feature of JustInMind to illustrate different scenarios, basic and two alternative ones.

5. Team up with another student in your lab group and carry out a validation of your prototype.
   You need to share project with them.
   You need to supply them with a description of process and all of scenarios.
   Can you carry out steps of the business process successfully using prototype.
    (write comments on pages where you experience a problem.) This other student will validate your prototype.

"Happy scenario"

1. In the context of software or information modeling, a **happy path** (sometimes called **happy flow**) is a default scenario featuring no exceptional error conditions.
2. The basic scenario is the "happy scenario", "happy path" or happy flow. Happy day (or sunny day) scenario and golden path are synonyms for happy path.
3. For example, the happy path for a function validating credit card numbers would be where none of the validation rules raise an error, thus letting execution continue successfully to the end, generating a positive response.

4. In computer science, **data validation** is the process of ensuring data has undergone data cleansing to ensure they have data quality, that is, that they are both correct and useful. It uses routines, often called "validation rules", "validation constraints", or "check routines", that check for correctness, meaningfulness
5. Each Scenario has a goal.
6. Scenarios are written in plain language, with minimal technical details.