INFO3315 Human Computer Interaction

Worksheet Week 3 – Interaction Design

THE UNIVERSITY OF SYDNEY

A – Introduction to Interaction Design

1. What is interaction design? In your opinion, how is interaction design related to the field of human-computer interaction?
2. You are asked to design a product that allows an individual/family to plan a balanced diet using weekly promotional items from their local groceries. The product must factor in the current lifestyle, food preferences and allergies (if any) to ensure that the product recommends adaptable diets. Perform PACT analysis on this problem and answer the following questions:
   a. Identify the stakeholders and users of the application.
   b. What kind of tasks must your application be able to do? For the main task(s), can you list out the steps needed to perform these tasks?
   c. When do users perform these tasks and how would it affect your interface design?
   d. What type of information is needed by your application and how do you obtain this information from the users?
   e. What type of information does your user expect to view on your application?
   f. Review your answers from (a) to (e). Do you have all the information needed to design the application?
      i. If no, list out the areas that need further investigation.
      ii. If yes, how do you verify that the information that you have at hand is correct?

B – Getting Started on the Project

1. Read the project brief. List out questions that you have about the project and assessment.
2. For the product in Part A-2, is the product linked to a sustainable goal? If yes, which goal(s) and why? If no, brainstorm ideas to link it to Zero Hunger by identifying the problem that is being addressed by the product.

C – Project Discussion

1. Complete the first meeting discussion checklist:
   - *Group ID
   - Get to know each other – share about yourself, strengths, and weaknesses.
   - *Group rules – official communication channel (Slack, Dropbox, Google Drive, Git), expectations from each team member and how group records (meeting minutes, items for discussion) are managed during the project.
   - *Agreed definition of a rating scale for peer evaluations
   - *Regular meeting time and place
   - Problem space discussion – Task 1.

   * Items to be included in the team contract.

   Important: The team contract must be set and agreed upon at the end of the first meeting. This contract must be signed (virtually) by everyone in the team.
2. Summarise the outcomes of the discussion in Meeting Minutes #1.
3. The group should aim to complete Task 1 and Task 2 before the next workshop.
4. [Group] Submit Meeting Minute #1.