**Assignment 1**

**United** International **University (UIU)**

**Dept. of Computer Science & Engineering (CSE)**

***Please do not copy from any other source. Such activity will result in invalid submission.***

|  |  |  |
| --- | --- | --- |
| **1.** | The Galactic Exploration Agency has initiated a research project to investigate the challenges and experiences of astronauts living on a newly established lunar base. The research aims to understand the astronauts' scientific, social, and psychological interactions within the lunar environment. Now you have studied a few HCI research methods, i.e., Interview, Survey, Participant Observation, Behavioral Mapping, Ethnography, and Contextual Inquiry.   1. Which of these research methods would you choose for this research project? (You can select multiple research methods) 2. Why have you chosen these methods for your research? 3. How would you conduct the methods you chose earlier? | ***[10]*** |
| **2.** | Unstructured, semi-structured, and structured interviews are the three types of interviews that are categorized according to the interview format. When researchers possess inadequate knowledge of the research context, they implement unstructured interviews; conversely, semi-structured interviews are implemented when they possess some comprehension of the research subject. Structured interviews are typically conducted by researchers who possess a vast amount of knowledge regarding the interview subject matter. Reflecting on the understanding you have**, provide three examples** of research contexts for each of the interview formats**.** | ***[10]*** |