Tute 04

- 1. Explain why "Ethnography" is suitable more to collect user requirements than interviewing. Why it cannot be used all the time?
 - Ethnography is a field of study in which researchers observe people in their natural environments in order to gain more understanding of their needs.
 - Unlike other in ethnography requires the researcher to immerse themselves in the environment they are studying
 - This approach allows researchers to observe natural, real-world behaviors and fill blind spots to better understand needs.
 - Interviewing is a research method where a researcher ask questions to participants to gather information while interviewing provide valuable insights, it relies on participants recollections and self-reporting, which may not always align with their actual behaviors
 - Ethnography can not be use all time because it can be time-consuming and resource intensive
- 2. Analyze the case study given below and answer the subsequent questions.
 - Registered user
 - Guest user
 - Marketing department
 - Finance department
 - IT department

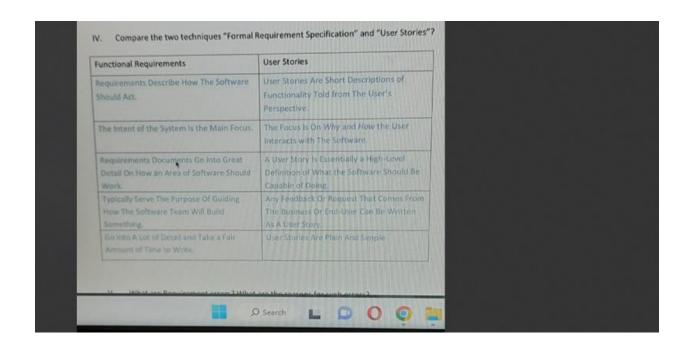
3.

| Functional requirement and ID: | Register for the system |
|--------------------------------|--|
| user | Visitor |
| Inputs | Visitor personal details, password |
| Process | User need to click register button. |
| | System will display the register form. |
| | User has to fill the form. |
| | 4. User has to check the check box for |
| | accepting privacy policies . |
| | User clicks register button. |
| Output | Access to user profile and other features of |
| | the webpage(buying items). |

| Functional requirement and ID: | Buy an item |
|--------------------------------|--|
| user | Registered user |
| Inputs | Item colour, item qty, delivery address, card |
| | details(if needed) |
| Process | 1. User clicks on buy now button. |
| | System will redirected to checkout |
| | page. |
| | 3. System will ask to confirm the details |
| | related to order. |
| | 4. User clicks on the buy now button |
| | 5. System will redirect to payment page |

| | 6. User has to select the payment type7. Click on pay now button |
|--------|---|
| Output | Send a confirmation message to users email |
| | and system will update the inventory |

| Functional requirement and ID: | Filter items |
|--------------------------------|--|
| user | Visitor/Registered user |
| Inputs | Visitor personal details, password |
| Process | Users select filter button. |
| | 2. Users select his needs |
| | 3. System provides details according |
| | conditions user requested from the |
| | database. |
| | 4. Display clothing items with photo and |
| | description and its price |
| Output | Access to user profile and other features of |
| | the webpage (buying items) |



- V. What are Requirement errors? What are the reasons for such errors?
 - ☐ Inconsistent Requirements or Incomplete Requirements
 - ✓ blased analysis
 - ✓ lack of knowledge
 - ✓ failure to validate requirements (e.g., functionality included but not asked for by the customer)

IT1060 - Software Process Modeling

Semester 1, 2022

- ✓ schedule-driven projects
- ✓ methodology not used or improperly used.

D Ambiguous Requirements

- Failure to pay attention to the information that is available or to understand correctly what is observed.
- ✓ Failure to remember correctly what was observed.
- Failure to correctly interpret the information which results in giving the wrong meaning to information.

