COMP 3603 Human Computer Interaction

Assignment 2: Data Gathering and Need Finding 15%

Group Size: 3-4 Persons Submit Groups Here (A2 Sheet)
Duration: 8 Days

Objective:

Investigate the user needs and potential design considerations for the provided applications through various data gathering methods.

Applications and Descriptions:

Application	Description
1. Course Assessment Scheduler	A tool for staff to coordinate assessment scheduling to avoid too many assessments in a given week.
2. Nature Seekers Platform	A platform for aiding in leatherback turtle conservation activities, tracking and tagging turtles, and coordinating conservation efforts with other NGOs.
3. My Advisor	A platform to help students plan their courses every semester to satisfy the requirements of their program, browse available course options, and for faculty to get reports, view plans, and intervene if necessary.
4. Document Review Platform	A platform for lecturers to submit course outlines and programme proposals to the (Center of Excellence for Teaching and Learning) CETL department for feedback and review.
5. Alumni Giving Platform	A platform for UWI alumni to donate to UWI projects that require funding.

Instructions:

Select a desired application from the table then complete the following:

1. Formulate research questions (2-3) relevant to the goals of your selected application.
2. Identify which data collection methods (2-3) would be most effective for gathering data towards answering your research questions.
3. Justify why you have chosen these methods.
4. Develop the required materials you will need for data collection refer to the table below for applicable methods and deliverables.

NOTE: You will be performing your specified data collection methods immediately after submitting this assessment. The results will be analyzed in assignment 3.

Research Method	Deliverable	Description
Survey	Google Form	Form Creation: Develop a Google Form containing structured questions: multiple-choice, scale ratings, open-ended. Submission: Share the link or provide access to the created form in the main report.
Interview	Interview Details and Materials	Details: List of interview questions, date and time of the interview, stakeholders involved, venue/location (or online platform). Additional Materials: Any supplementary documents or props used during the interview.
Observation	Observation Plan	Plan: A detailed outline indicating what will be observed, where the observation will take place, and the method of recording (e.g., notes, video).
Focus Group	Focus Group Guide and Logistics	Guide: Discussion topics and questions to guide the focus group. Logistics: Participants, venue/location (or online platform), and any additional materials or props for discussion.
Documentation Study	Collected Documents and Analysis Report And insights.	A compilation of all relevant documents (manuals, records, reports, etc.) for the study. Identify what documents.materials would be necessary for study. EG Manuals, Forms, Guides, Notices Ads ETC

Please submit to the following form by the submission date if your chosen data collection requires the participation of UWI STAFF: Support Form

Format and Requirements:

1. Data Collection Methods - Format: Bullet points

2. Justification for Methods - Format: Short paragraphs (150-200 words each)

3. Materials for Data Collection: Submit as Separate Documents

Remember to always cite your sources if you're using external information.

Rubric & Marking Scheme

Assessment Segment	Excellent (80-100%)	Good (60-79%)	Needs Improvement (0-59%)
Research Questions 30%	Questions are clear, specific, and directly related to the objectives. They comprehensively address the research area and are thoughtfully constructed. (6 - 4 Marks)	Questions are mostly clear and related to the objectives. They adequately address the research area but may have minor ambiguities. (3 - 2 Marks)	Questions are unclear, too general, or not directly related to the objectives. Some might not address the research area effectively. (2 - 0 Marks)
Methodology 25%	Method chosen is highly suitable for the research questions. Demonstrates an in-depth understanding of the method and its application to the research context. (5 - 4 Marks)	Method is suitable for the research questions. Demonstrates a good understanding of the method, but there may be gaps in its application to the context. (3 -2 Marks)	Method is not fully suitable for the research questions or shows a lack of understanding of the method and its relevance to the context. (2-0 Marks)
Justification 25%	Justification is thorough, logically structured, and directly supports the chosen methodology. The relevance and appropriateness of the method are eloquently articulated. (5 - 4 Marks)	Justification supports the chosen methodology for the most part. Some areas may not be thoroughly explained, but the relevance of the method is clear. (3 -2 Marks)	Justification is weak or missing. Statements may not support the chosen methodology or lack clear relevance. (2-0 Marks)

Materials 20%	All required materials are provided. They are of high quality, relevant, and tailored to the research method. Exhibit thorough preparation and consideration for the research participants and context. (4 -3 Marks)	Most required materials are provided. They are of good quality and largely relevant to the research method. Some elements might be missing or need slight improvement. (3- 2 Marks)	Materials are lacking in quality, relevance, or completeness. They may not align well with the research method, and there's little evidence of thorough preparation or consideration for the research context. (1 - 0 Marks)