# COMSATS University Islamabad, Lahore Campus

### **Final Term Examination – SPRING 2023**

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| Course Title: | Human-Computer Interaction - Lab | | | | Course Code: | | CSC356 | Credit Hours: | 3(2,1) |
| Course Instructor/s: | Samia Arshad | | | | Programme Name: | | BSE | | |
| Semester: | 7th | Batch: | Sp20 | Section: | B | | Date: |  | |
| Time Allowed: | 3 hours | | | | Maximum Marks: | | | 50 | |
| Student Name: |  | | | | Reg. No. |  | | | |
| Important Instructions   1. Turn off mobile phones. 2. Attempt all questions. 3. For LFPs please mention navigation details that may help clarifying the flow of the app | | | | | | | | | |

**Question 1**  **[CLO 6]<Creating> [30]**

Consider a scenario where you are required to create a project related to a system which provides online commerce services related to home accessories. Following are the major stakeholders

1. Buyers
2. Sellers
3. System Admins

You are required to construct a high-fidelity prototype for these stakeholders with the following requirements

**Part 1 WEB PORTAL**

**Seller: [5+5]**

* Product Inventory page:
  + Stock of each product
  + Units sold
  + Link to edit details of product
  + Search and sort functionality
* Product page:
  + Title of product
  + Description
  + Facility to upload multiple pics of item
  + Price
  + Stock

**Admin: [5+2.5+2.5]**

* Transactions details page:
  + Products sold
  + Seller name and ID
  + Client name
  + Payment method and any other relevant information
* Verify seller request
* Deactivate seller on bad ratings

**Part 2 MOBILE APPLICATION**

**Client : [5+2.5+2.5]**

* Home page:
  + Featured deals
  + Search functionality with appropriate filters
  + Product cards with relevant information
  + App navigation mechanism
* Cart screen /Checkout screen
* Reviews and ratings screen

Import a PDF file for final submission and rename it as your roll number (e.g. sp20-Bse-123)

**Question 2: [CLO 6] [20]**

**You are required to compile a Cognitive Walkthrough based evaluation summary for the following website:**

**Google drive**

Following is the task list and template

**Task List:**

**Goal 1: Add a task**

Open google drive

Select add task from task tab

Add title, details and date/time

Add another task by repeating the step 2 and 3

Sort the task by title

**Goal 2: Adding a chart in google slide**

Open google slides from new tab

Select blank presentation

Select chart from insert tab

Add a scatter graph in the presentation.

**Goal 3: Search a document with the help of filters**

Select filters in the search tab

Select image from type tab

Select more locations from the location tab

Select all locations

Select a file from the computer.

Upload the file.

**Goal 4: Set comment notifications in google spreadsheet**

Open google sheet from new tab

Add blank spreadsheet

Select notification setting from Tools tab

Select comment notification

Mute comment notifications for one week

**Template**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Questions  1. Will the users try to achieve the right effect?  2. Will the user notice that the correct action is available?  3. Will the user associate the correct action with the effect to be achieved?  4. If the correct action is performed, will the user see that progress is being made towards the solution of the activity? | | | | | | |
| **Task List** | **Screenshot** | **Q1** | **Q2** | **Q3** | **Q4** | **Description** |
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