



# COMSATS University Islamabad, Lahore Campus

(Defence Road, Off Raiwind Road, Lahore)

☐ Sessional-1    ☒ Sessional-II    ☐ Terminal Examination – Spring 2021

Course Title:	Human Computer Interaction –Lab	Course Code:	CSC-356	Credit Hours:	1(0,1)
Course Instructor/s:	Mr. M Mudassar, Mr. Mughees Ahmad	Programme Name:	BSE		
Semester:	Batch:	Section:	A, B, C	Date:	May 01, 2021
Time Allowed:	90 minutes	Maximum Marks:			15
Student's Name:		Reg. No.			

## Important Instructions / Guidelines:

- Read the question statement, note and marks division carefully.
- Use **Just-In-Mind, ADOBE-XD, Figma, or Balsamiq** as a prototyping tool to design the high-fidelity prototypes.

## Question 1:

[3 + 2 + 2.5 = 7.5 Marks]

Consider web environment, design high-fidelity prototypes (using Just-In-Mind, Adobe-XD, Figma, or Balsamiq as a prototyping tool) for an online “**Garbage Collection System**” at Lahore, Pakistan where different merchants (garbage collectors) and home users (garbage providers) are signed in. Some garbage-collection-points are fixed at different locations and some garbage collection vehicles are also the part of this system. Vehicles are to collect garbage directly from the homes, based on fixed time slots. Home user(s) will achieve some coins on the successful collection of garbage. For this system, you are supposed to design the below:

- Design a screen where home user(s) can book appointment for a vehicle to collect the garbage. [Note: must ask house number, location, phone number, and some more that are necessary to book the appointment].
- Design a screen from where home user(s) can search the nearest garbage-collection-point to drop the garbage on self-basis.
- Design a screen from where home user(s) should be able to edit the profile and to see the coins they achieved against the garbage. [Note: profile must include the important and necessary information's].

## Question 2:

[3 + 2 + 2.5 = 7.5 Marks]

Consider an android environment, design high-fidelity prototypes (using Just-In-Mind, Adobe XD, Figma, or Balsamiq as a prototyping tool) for an online “**COVID Patients Registration System**” launched in all the hospitals of Pakistan. Whenever a patient founded COVID positive, there should be an option to add entry of that patient in the system based on his/her national identity information's. For this system, you are supposed to design the below:

- Design a screen which involves the registration of a new COVID patient. [Note: registration must include the patients name, cnic, age, gender, address, hospital name, hospital province, district, tehsil, and city].
- Design a dashboard to view the count of all the tested Positive, Recovered, and Died patients all over Pakistan.
- Design a suitable screen where the count of province-wise COVID patients should be shown and one should be able to see the district-wise count against a specific province.

### Note:

You are not supposed to design the screens to sign-up or to sign-in.

You are supposed to use appropriate, suitable, and appealing controls or graphs to design each screen required in question-1 and question-2.

**Do your own work, some One is watching!**

Best of Luck!