



**Sir Syed University of Engineering & Technology**  
**Faculty of Basic & Applied Sciences**  
**Department of \_\_\_\_\_ Computer Science \_\_\_\_\_**

**End Semester Examinations (Spring 2020)**

<b>Course Title with Code</b>	<b>CS-475: Human Computer Interaction</b>	<b>Program</b>	BS
<b>Instructor</b>	<b>Farhana Ashraf</b>	<b>Semester</b>	7 <sup>th</sup>
<b>Start date &amp; Time</b>	June 27, 2020 at 11:30 AM	<b>Submission Deadline</b>	June 27, 2020 at 05:30 PM
<b>Maximum Marks</b>	50		

**IMPORTANT INSTRUCTIONS:**

**Read the following Instructions carefully:**

- Attempt All Questions on MS-Word. Font theme and size must be Times New Roman and 12 points respectively. Use line spacing 1.5. Convert file to PDF format before submitting.
- You may provide answers HANDWRITTEN. The scanned solution must be submitted in PDF file format (Use any suitable Mobile Application for Scanning)
- For Diagrams, you can use paper and share a clear visible snapshot in the same Answer Sheet.
- Arrange questions and their subsequent parts in sequence.
- Make sure that your answers are not plagiarized or copied from any other sources. In case of plagiarism, **ZERO** marks will be awarded.
- Provide relevant, original and conceptual answers, as this exam aims to test your ability to examine, explain, modify or develop concepts discussed during the course.
- Recheck your answer before the submission on VLE to correct any content or language related errors.
- You must upload your answers via the VLE platform ONLY.

**You must follow general guideline for students before online examination and during online examination which had already been shared by email and WhatsApp.**

**This paper has a total of 02 pages including this title page**



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**Read the following scenario very carefully to answer ALL 3 questions.**

**SCENARIO**

You need to design and evaluate a UI of a web based feedback application designed specifically for undergraduate students. The university management is interested in getting the feedback from students for the courses being taught by the faculty members.

You need to take into account the following roles:

**Administrator** is a person who manages the overall feedback system.

**Student** is one who gives feedback about the courses being taught.

**Non-logged in user** is anyone who lands to the website without entering / having credentials.

**Q.1. (15)**

Create at least '15' additional user stories based on your analysis of the above scenario. Your proposed user stories should cover all three user roles mentioned above. You must take care that your user stories will show complete end to end workflow in the end when you design wireframes. Also, you need to pay attention to the functional aspects of the system.

Given below are few sample user stories that would provide a base to move forward.

- u1. As a 'Non-logged in User', I want to access the 'Login Page'.
- u2. As an 'Administrator', I want to 'Create the Feedback Form'
- u3. As a 'Student', I want to 'View the Feedback Questionnaire'

**Q.2. (20)**

For each of the user story created in question 1, do the following. You have to show working based on your own proposed stories.

- (a) Identify the Create at least '15' additional user stories based on your analysis of the above scenario. Your proposed user stories should cover all three user roles mentioned above. You must take care that your user stories will show complete end to end workflow in the end when you design wireframes. Also, you need to pay attention to the functional aspects of the system.

Given below are few sample user stories that would provide a base to move forward.

- u1. As a 'Non-logged in User', I want to access the 'Login Page'.
- u2. As an 'Administrator', I want to 'Create the Feedback Form'
- u3. As a 'Student', I want to 'View the Feedback Questionnaire's high level task to be analyzed.

- (b) Break high level tasks into sub tasks and perform dialogue analysis.
- (c) Show decomposition diagrams of each high level task expressing the relationship between the parent task and its sub tasks through a numbering scheme.

**Q.3. (15)**

Based on the user stories and task analysis in question 1 and 2, draw wireframes showing structure of the pages and workflow.