



Daffodil International University

## Department of Computer Science and Engineering

### Faculty of Science & Information Technology

Final Examination, Spring 2020 @ DIU Blended Learning Center

Course Code: CSE417 (Day), Course Title: Web Engineering

Level: 3 Term: 2 Section: PC-A, PC-B

Instructor: MMR Modality: Open Book Exam

Date: Thu, 21 April, 2021 Time: 11:00-05:00pm

Four hours (4:00) to support online open/case study based assessment Marks: 40

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#### **Directions:**

- **Students need to go through the CASE STUDY shown in this exam paper.**
- **Analyze and answer specific sections based on your own thinking and work.**
- **Do not share as this will be treated as plagiarism by Blended Learning Center.**

- A. Suppose you want to sell some books online. You need a system where your buyer can log in to your system and can buy books from you. Now you have to develop a Login Screen with Database Connection(Only: Login Module). The login screen needs to have some error checking on its input data. If either the name or the password field is blank, you should display a message of the form: Email and password are required. Note that we are using "email" and not "username" to log in to this assignment. If the password is non-blank and incorrect, you should put up a message on the form: Incorrect password. For this Question, you must add one new validation to make sure that the login name contains an at-sign (@) and issue an error in that case: Email must have an at-sign (@). If all ok then your buyer will redirect their home page with the Title “Welcome Your Book Sell/Buy Repository”. Further lots of tasks can happen (Ignore it). 10
- B. Suppose you are logged in to a system on another device. Now you need to log out from the system for your security purpose. What will be your action? How can we destroy the session on a web page? Explain with an example. 10
- C. Suppose students have to pay their semester fees online at DIU. DIU needs to develop this software. They hired you to develop this. You have to develop a login module and home page of payment first with the session. Write down your mock design and implement it using PHP. 10
- D. Mr. X wants to do business online. But he needs eCommerce software. That's why he is concerned with the Data Soft Company. The company asked Mr. X what is your demand. Listed below some

requirements which are needed for further development. Also, design a web page using Mock Concept.