



**BAHRIA UNIVERSITY, (Karachi Campus)**  
*Department of Software Engineering*  
**OPEN ENDED LAB-II**  
**Spring 2023**

<b>Course Title:</b>	Cloud Computing	<b>Course Code:</b>
<b>Course Instructor:</b>	Engr. Muhammad Faisal	<b>Class:</b> BSE-6(B)
<b>Lab Instructor:</b>	Engr. Ramsha Mashood	<b>Name:</b> _____
<b>Max. Marks:</b>	6 Marks	<b>Enroll no:</b> _____
<b>Time:</b>	<b>1.5 hours</b>	<b>Date:</b> 13 -6-2023

**Question 1:** (6 Marks)

To create a simple ASP.NET website for the bank with the mentioned features, you can follow these steps:

1. User Registration: Implement a user registration form where users can create their bank accounts. Validate the user inputs on the server-side to ensure the entered data is valid, unique, and meets the required criteria.
2. Account Balance Inquiry: Create a page where users can check their account balance. Retrieve the account balance from the external web service using HTTP requests and display it to the user.
3. Deposit Transaction: Design a workflow for a deposit transaction. Validate the deposit amount and perform necessary checks on the server-side before updating the account balance through the external web service.
4. Credit Transaction: Implement a credit transaction workflow. Verify user details, check account balance, and process the credit transaction securely on the server-side.
5. Transaction History: Create a page where users can view their transaction history. Fetch the transaction data from the external web service and display it to the user in a tabular format.

Remember to implement proper exception handling, logging, and security measures throughout the website to ensure smooth operation and protect user data.