



Project Proposal (Group A)

CSE 311L

Database Management System

Section 09

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North South University

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Project Name

Bank Management System (BMS)

Introduction

Bank Management System or BMS is a web-based application that enables bank employees to keep track of their work including work time, salary, superior's data, branches they are working on, etc. In addition, it also assists in keeping records of customer activities like transactions, savings, card credentials and much more. BMS provides security measures for both the customers and employees. An individual will be able access his/her data only after some credentials like email and password have been confirmed which is simply known as 'log in'.

Possible Features

- 1. Log In** – The Log In page uses credentials like email and password for the determination of the accessibility of an individual customer. In case of an employee, the employee's credentials like employee ID and password are necessary.
- 2. Sign Up** – The Sign-Up page allows an individual to create a new account on the server. The account can either be created for the customer or the employee. For an employee his/her employee ID is compulsory.
- 3. Employee Page** – The employee page will display all the details regarding an employee's salary, hours worked, and personal credentials.
- 4. Customer Page** – The customer page will display information of a customer. That information includes personal credentials, account number, account type, transactions limits, etc. Furthermore, it also provides options to perform transactions.
- 5. Transactions** – Transaction details like credit value, debit value along with date and time will be displayed. Every transaction will have a unique transaction ID. A customer will be able to make transactions with other customers within the bank by simply entering the amount and password respectively.

Software and IDEs

1. Atom IDE or Sublime IDE
2. Xampp
3. MySQL
4. Git and GitHub

Technologies

1. HTML
2. CSS
3. JavaScript
4. PHP

Proposed Timeline

<i>Objectives</i>	<i>Tentative Dates</i>
Entity Relationship Diagram and Mapping	September 18
Log In and Sign Up Page	September 19
Employee Page	September 22
Customer Page	September 24
Transaction Functionalities	September 26