



Project for CSE471

Title of the Project: Bank Account Management System

Group Number: 11

Group Members:

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1. Functional Requirement:

- 1.1.** The system will allow users to log in with their email and password.
- 1.2.** The system will ask user to add NID number, Source of income, Nominee and introduction of a account holder along with photo for verification.
- 1.3.** The system will allow user to credit amount, debit amount and check balance.
- 1.4.** The system will allow users to use different services like insurance, loan, and bill payments.
- 1.5.** The system will provide hotline services to the customer.
- 1.6.** The system will show the nearest branch from the user for any emergency need.
- 1.7.** The system will provide discounts on online payment.

2. Non-Functional Requirement:

2.1. Operational:

- 2.1.1.** The system will run on smartphones (Android & IOS), tablet and PC.

2.2. Performance:

- 2.2.1.** The system will allow 5lakh users to access at a time
- 2.2.2.** The system will log out the user for 5 minutes of inactivity.
- 2.2.3.** The system will allow users to log in within 2 seconds.

2.3. Security:

- 2.3.1.** Different account for each user and admin account for the managers
- 2.3.2.** The system will block account temporarily for attempting with wrong password for 3 times.
- 2.3.3.** For each transaction the system will ask the user to enter password for verification.
- 2.3.4.** One user can't access another user's account.

2.4. Cultural and Political:

- 2.4.1.** Personal information's will be protected.
- 2.4.2.** Server security will be highly maintained.
- 2.4.3.** Should follow the terms and policies of Bangladesh Bank.