



NORTH SOUTH UNIVERSITY
Department of Electrical and Computer Engineering

PROJECT PROPOSAL
CSE215L.12

Project Title: Bank Management System

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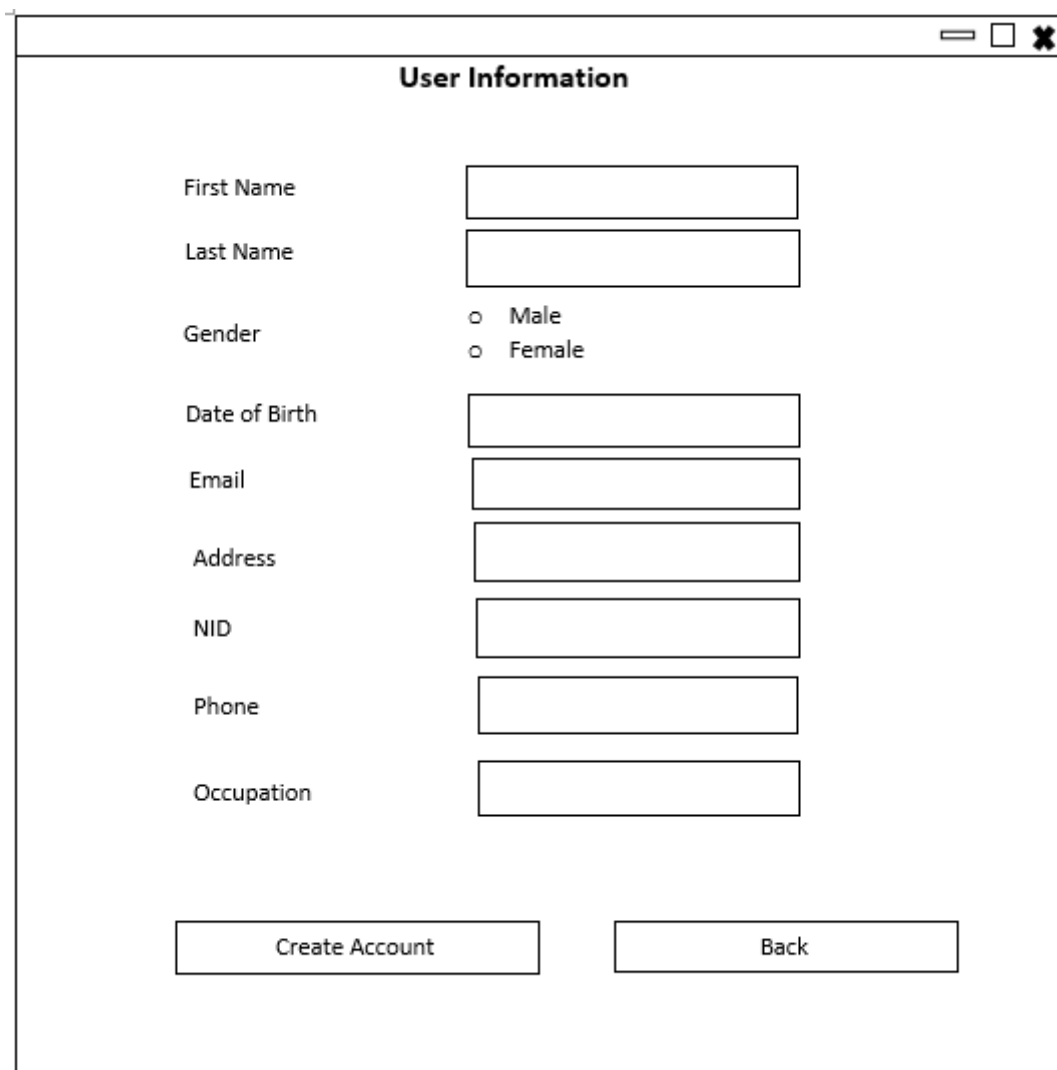
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Project Overview

The Bank Management System provides a more secured approach for managing customer's information which strengthen the relationship between banks and their customer. The main purpose of this project is to develop a system for solving financial applications of a customer in banking environment in order to nurture the needs of an end banking user by providing various ways to perform banking tasks. The programming language used to develop this system is Java.

Proposed User Interface

The rough design of the user interface of our proposed system is given below:



User Information

First Name

Last Name

Gender ☐ Male ☐ Female

Date of Birth

Email

Address

NID

Phone

Occupation

Bank Management System

Account No:

Password

Login

Don't have an account?

Create a new Account

Transfer Money

Withdraw Money

Deposit Money

Balance Check

Pay Bill

Full Name:

Sex:

Date of Birth:

Email:

Phone No:

NID:

Address:

Occupation:

User Details

Change PIN

Log Out

Welcome to your Account

Transfer Money

Withdraw Money

Deposit Money

Balance Check

Pay Bill

Old PIN

Enter New PIN

Re-enter New PIN

Submit

User Details

Change PIN

Log Out

Welcome to your Account

Transfer Money

Withdraw Money

Deposit Money

Balance Check

Pay Bill

User Details

Change PIN

Log Out

Welcome to your Account

Transfer Money

Withdraw Money

Deposit Money

Balance Check

Pay Bill

Enter Account no.

Enter Amount

Transfer

User Details

Change PIN

Log Out

Welcome to your Account

Transfer Money

Withdraw Money

Deposit Money

Balance Check

Pay Bill

Enter Amount

Withdraw

User Details

Change PIN

Log Out

Welcome to your Account

Transfer Money

Withdraw Money

Deposit Money

Balance Check

Pay Bill

Enter Amount

Deposit

User Details

Change PIN

Log Out

Welcome to your Account

Transfer Money

Withdraw Money

Deposit Money

Balance Check

Pay Bill

Current Balance

User Details

Change PIN

Log Out

Features

The main features of the bank management system are:

- User can create new account
- Log in option with account no. and password and Log out option
- User can view his details and can change his password
- User can check his balance
- User can deposit money
- User can withdraw money
- User can transfer money
- User can pay bill

Project Structure

Project Name: Bank Management System

- Packages
 1. GUI
 - LoginWindow extends JFrame implements ActionListener
 - SignUpWindow extends JFrame implements ActionListener
 - AccountWindow extends JFrame implements ActionListener
 - AccountView extends JFrame implements ActionListener

2. User

- Account
- UserInformation
- CurrentAccount extends Account
- SavingsAccount extends Account

3. Data

- UserDatabase