

# **GROUP 10**

## **BANK MANAGEMENT SYSTEM**



### **Group members:**

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# Introduction

A Bank Management System application is designed to handle various banking operations through a digital platform. This program enables the users a convenient way to manage the financial transaction and bank account.

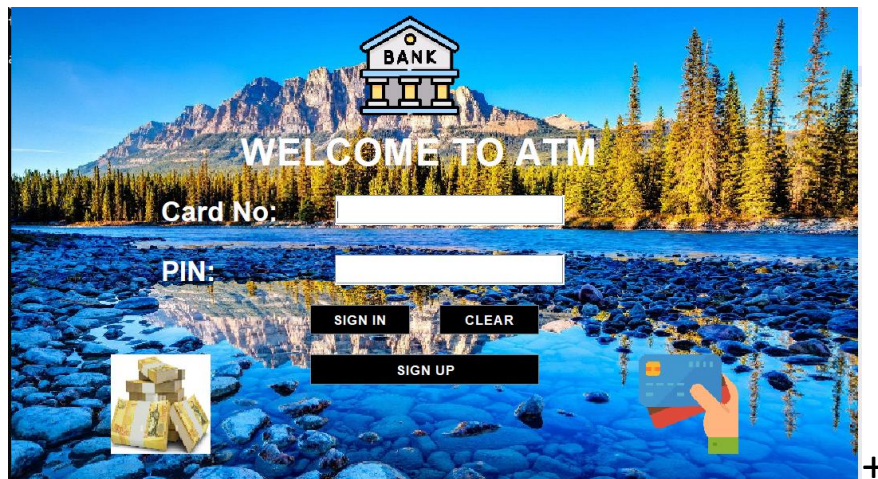
This system offers features such as accounts creation and management, balance inquiries, deposit and withdrawal.

Overall, the bank management system represents a significant step towards modernizing traditional banking practices, making financial management more accessible and user friendly.

# Code Documentation

## 1. Signup/ Sign in page

- This window enquires the user to sign in to their respective bank account with their card number and pin number.
- If the user does not have a card number and a pin, they must click on sign up and fill up the necessary details.



## 2. Sign up(page 1)

A screenshot of a web application form titled "APPLICATION FORM NO. 3246". The form is divided into two columns. The left column contains labels for various fields, and the right column contains the corresponding input fields. The form is titled "Page 1 Personal Details". The fields are: Name (Dorji), Father's Name (Pema), Gender (Male selected, Female unselected), CID No. (1030802663), Email address (doorji@gmail.com), Marital Status (Married selected, Unmarried unselected, Other unselected), Dzongkhag (Mongar), Dungkhag (Tashicholing), Gewog (Namgaycholing), and Chiwog (Norbuling). A "Next" button is located at the bottom right of the form.

## 2.1 Sign up(page 2)

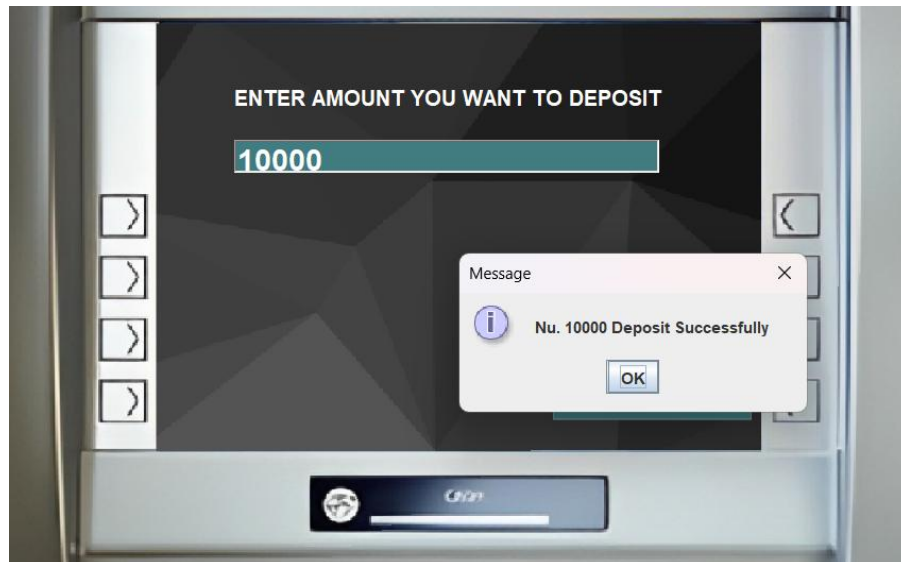
The screenshot shows a web application window titled "APPLICATION FORM". The page is yellow and labeled "Page 2 :- Additional Details" with a "Form No:" field. It features a "BANK" logo. The form includes fields for "Contact ...", "Income:" (with a dropdown menu showing "<1,50,000"), "Qualifica...", "Occupati...", "Father's CID:", "Mother's CID:", "Senior Citizen:" (with "Yes" and "No" radio buttons), and "Existing Account:" (with "Yes" and "No" radio buttons). A "Next" button is at the bottom right. A modal message box is open in the center, displaying an information icon, the text "Fill all the fields", and an "OK" button.

## 2.2 Sign up(page 3)

The screenshot shows a web application window titled "APPLICATION FORM". The page is light blue and labeled "Page 3: Account Details" with a "Form No 3246" field. It features a "BANK" logo. The form includes "Account Type:" with radio buttons for "Saving Account", "Fixed Deposit Account", "Current Account", and "Recurring Deposit Account". The "Card Number:" field is pre-filled with "XXXX-XXXX-XXXX-4841" and has a sub-label "(Your 16-digit Card Number)". The "PIN:" field is pre-filled with "1409894422" and has a sub-label "(4-digit Password)". The "Services Required" section has checkboxes for "ATM CARD", "Mobile Banking", "Cheque Book", "Internet Banking", "EMAIL Alerts", and "E-Statement". A declaration checkbox is at the bottom: "I hereby declare that the above entered details are correct to the best of my knowledge." Below this are "Submit" and "Cancel" buttons. A modal message box is open in the center, displaying an information icon, the text "Card Number : 1409894422" and "Pin : 7750", and an "OK" button.

This is a sample of successful execution of the program. Upon completion, card number and pin will be given to the user.

### 3. Deposit



- The above image shows a successful deposit.
- The maximum limit for withdrawal is 10,000.

### 4. Balance enquiry(post deposit)

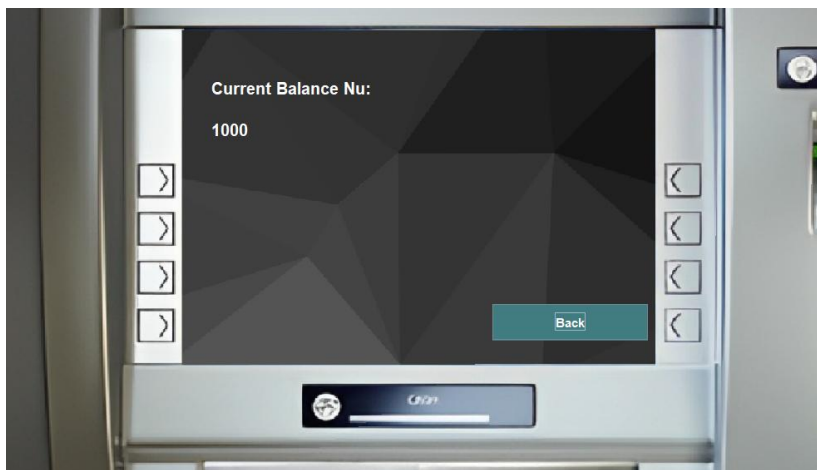


## 5. Withdrawl

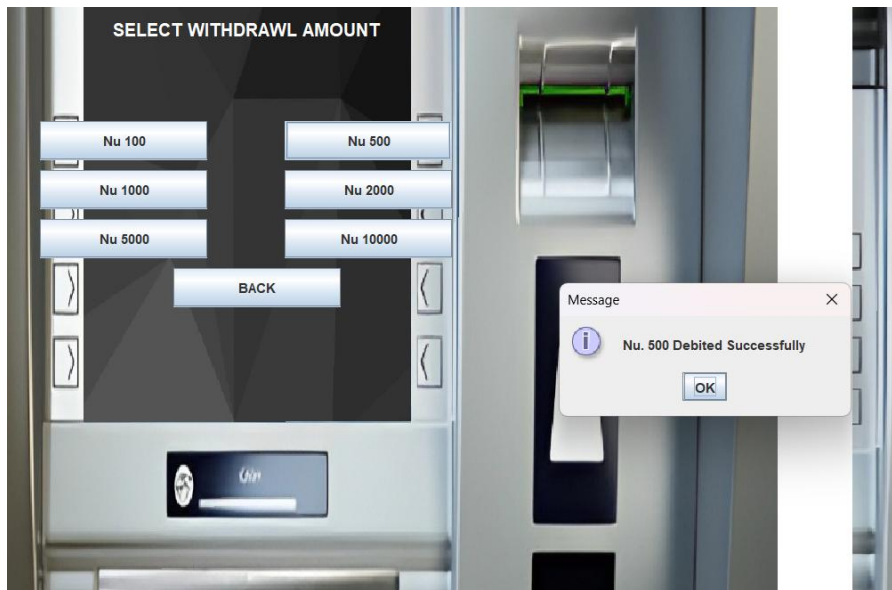


The above image shows a successful withdrawl of balance. The maximum withdrawl amount is 10,000.

### 4.1 Balance enquiry(post withdrawl)

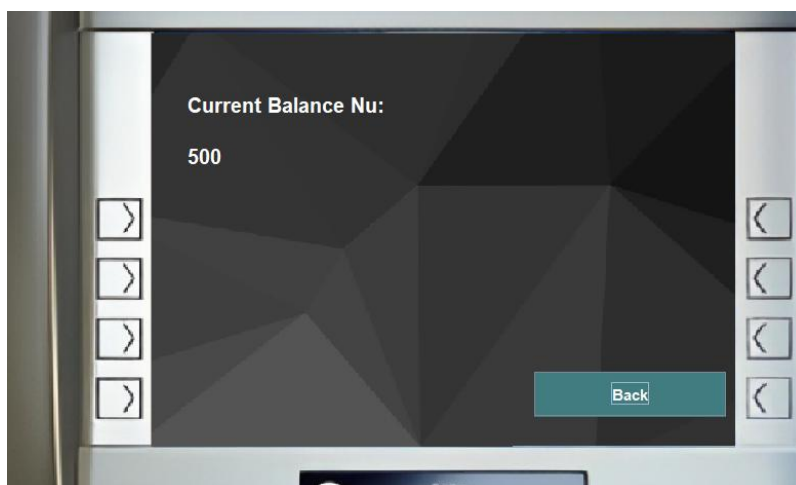


## 6. Fast cash



Fast cash can be used to immediately withdraw money from bank account but has limited cash amounts.

### 4.3 Balance enquiry (post fast cash operation)



## **CONCLUSION**

In conclusion, our bank managements system project, developed by using Java programing language, demonstrates the capabilities and flexibilities of java in creating comprehensive financial management solutions. Throughout this project, we effectively utilized java's object - oriented features and extensive libraries to build the a system that manages key banking operations such as account handling, withdrawal and deposits. our project not only meets the evolving needs of modern banking customers but also a positions financial growth for the futures.