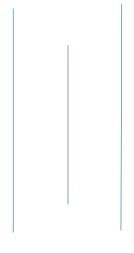


GUI Application for

Everest Bank

Customer Details Management System



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Aims of this project

- The central aim of this "Customer Detail Management System" is to give an enhanced design process that anticipates future expansion and change, which is required in a core sector such as banking. The focus is that the design must be extendable and adaptable whilst the application software is developed using a modular approach.
- The application aims to provide a scalable system with user friendly Interface for Everest bank employees to complete specific book-keeping tasks like adding new customer account, searching for customer information, automatic update of withdrawal.
- The project aims to create a GUI application for Everest Bank to manage its customer's details and focus on automating the bookkeeping functions for Everest Bank.

Objectives

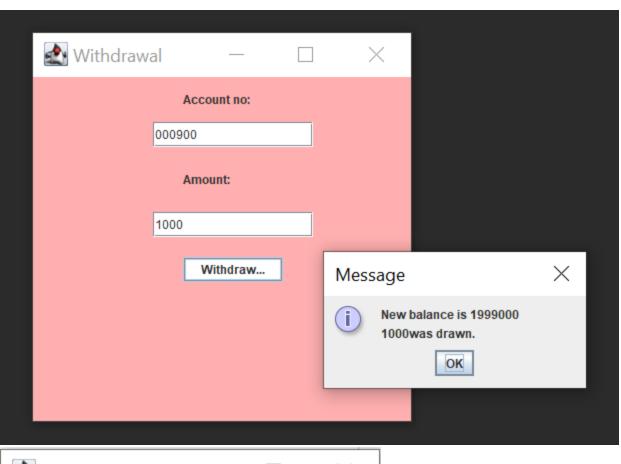
The objective of this project is to use Java programming language to code a GUI application for Everest Bank to allow them systematize the record keeping and transaction processing systems. The application is intended to provide an interface for Everest Bank employees for managing customer details and updating information in customer file. The objectives of the application are:

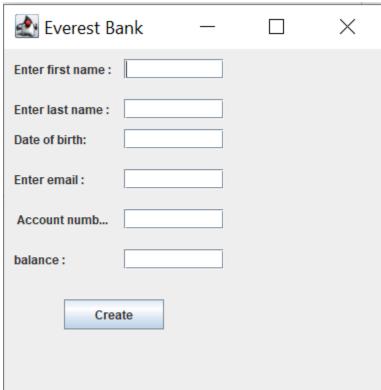
- ➤ To facilitate new account with number auto generating features.
- > To allow instant searching of Customer details with given account number.
- To manage and update records of the existing account.
- > To keep detail of deposit and withdraw.
- To fulfill the tasks like deposit, withdrawal that any customer desire.
- To save time and effort customers and employee via automated solution.

Features

- Platform independent application.
- New accounts can be created instantly and easily.
- Account number will automatically generate while creating new account.
- The withdrawal can be updated instantly.
- We can check balance by one click on check balance button.
- Can be used to view all customer detail.
- Users can search customer balance by their account number.
- Simple Border Layout used for GUI design
- User friendly button navigations.
- Customer details are displayed in Table format.

Appendix Withdrawal X Account no: Amount: Withdraw... Everest Bank Limited X Manage Customer information Enter customer account number Check balance Add new customer **Display All Customers** Register Withdraw 🤨 एभरेष्ट बैंक लिमिटेड 🖳 **EVEREST BANK LIMITED** (A joint-Venture with punjab national bank, India)





```
import java.awt.event.ActionListener;
   static FileWriter CustomerWrite;
   public AddCustomer() {
       setTitle("Everest Bank");
       setDefaultCloseOperation(JFrame.EXIT ON CLOSE);
       txtLName = new JTextField(20);
       lblDoB = new JLabel("Date of birth: ");
       txtDoB = new JTextField(20);
       txtAddress = new JTextField(20);
       txtAddress.setBounds(120, 120, 100, 20);
       lblAccNo.setBounds(10, 160, 100, 20);
```

```
txtAcno = new JTextField(20);
    txtAcno.setBounds(120, 160, 100, 20);
    lblBalance = new JLabel("balance : ");
    lblBalance.setBounds(10, 200, 100, 20);
    txtBalance = new JTextField(20);
   add(btnAdd);
public void actionPerformed(ActionEvent e) {
    if (e.getSource() == btnAdd) {
        AddCustomerThread addCustomerThread=new AddCustomerThread(info);
        addCustomerThread.start();
        JFrame | Trame = new JFrame();
        JOptionPane.showMessageDialog(jFrame, "Customer Added");
```

```
class AddCustomerThread extends Thread{
                    CustomerWrite.close();
                e.printStackTrace();
            CustomerWrite.close();
            System.out.println(e.getLocalizedMessage());
```

```
import java.awt.event.MouseEvent;
   JLabel LblSearch;
   JTextField txtSearch;
   public EverestGUI() {
       c = getContentPane();
       LblSearch.setBounds(270, 40, 200, 30);
       txtSearch = new JTextField();
       } catch (MalformedURLException e) {
           e.printStackTrace();
       btnSearch.setBounds(10, 40, 40, 30);
```

```
btnWithdraw.setFont(new Font("Arial", Font. BOLD, 16));
    btnImage.setBounds(20, 30, 820, 240);
    btnImage.setBackground(Color.cyan);
panel1 = new JPanel();
panel2 = new JPanel();
panel2.setBounds(10, 240, 860, 320);
panel1.setBackground(Color.pink);
ButtonGroup button = new ButtonGroup();
button.add(btnWithdraw);
button.add(btnImage);
button.add(btnSearch);
```

```
panel1.add(LblSearch);
   panel1.add(btnSearch);
   setVisible(true);
   new EverestGUI();
public void mouseClicked(MouseEvent e) {
       new AddCustomer();
private void viewStudent() {
```

```
public void mouseEntered(MouseEvent e) {
```