

A Mini Project Synopsis on
Online Banking Management System

S.E. - I.T Engineering

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CERTIFICATE

This to certify that the Mini Project report on E-Banking has been submitted by **Avantika More(21104033), Sahil Mohite(21104099), Tarang Agarwal(21104114)** who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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References

Chapter 1

1.Introduction:

This Online Bank Management System is an online software designed in Java programming language for the purpose of effective online banking system. It mainly aims at making the banking system easily accessible from anywhere and improving and enhancing the running banking process. With the use of this online software, bank customers don't need to go to bank to make inquiry regarding their balance or to transfer their balance to other account or for any other banking services.

In this post, I have include the code of the project along with the short description of its features, scope and practical application. You can download the full Java source code and necessary project files of Online Bank Management System from the link provided in this post.

1.1 Purpose:

Bank Management System is based on dot NET and is a major project for students. It is used to keep the records of clients, employee etc in Bank. The bank management system is an application for maintaining a person's account in a bank. The system provides the access to the customer to create an account, deposit/withdraw the cash from his account, also to view reports of all accounts present. The following presentation provides the specification for the system.

• Problem Identified:

The running conventional banking system consumes a lot of time of customers as well as bank staffs, even for a small work. -It is not secured and fully reliable.

• Solution Purposed:

Online Bank Management System project as an online software provides easy, accurate and fast access to banking system. -It is very safe and reliable.

1.2 Objectives:

-The BANK has been working for Accounts information, Withdrawal, Deposit amount. In this Software you can keep record for daily Banking transactions. THE OBJECTIVE is to prepare a software or application, which could maintain data & provide a user friendly interface for retrieving customer related details just in few seconds, with 100% accuracy.

-Software is completely computerized, so it is not time consuming process. No paper work required & can be implemented further. The application should also facilitate the addition of new Customer A/c, deletion of A/c & modification of existing customer A/C.

-Block transactions for any A/c by Freeze/Unfreeze facility. Show all or required transaction. Any account can be opened with zero balance also.

1.3 Scope:

- **Creating New Accounts-** The application can be used to create two different types of accounts by the customers, which are Savings Account and Current Account. It helps save the hustle for the customer to visit the bank physically and create/use these accounts.
- **Depositing Money-** As the world is moving towards the limited use of paper currency, depositing or transferring money from one bank to the other will become as easy as clicking a few buttons using this application.
- **Withdrawing Money-** Requests can be sent through the application to ask for money transfer as well.
- **Account Holder List-** This is a feature for the admin. The admin can view the list of all the account holders.
- **Balance Enquiry-** The customer can check their balance via this application.
- **Changing Passwords/PIN-** The customer can easily change the passwords and pin numbers using the application.
- **Closing-** The customer can close their accounts too using this application.

Chapter 2

2.Problem Definition:

Although the basic type of services offered by a bank depends upon the type of bank and the country, services provided usually include:

Taking deposits from their customers and issuing current or checking accounts and savings accounts to individuals and business.

Extending loans to individuals and business, Cashing cheque. Facilitating money transactions such as wire transfer and cashier's cheque, Consumer & commercial financial advisory services, financial transaction can be performed through many different channels.

Chapter 3

3.Proposed Systems:

- More secure information will give a layer of security of authentication and authorization.
- Required very little manpower.
- Simplify the problem of editing.
- Maintain the clearance level by the hierarchy.

The information will be secure from the different types of disasters as there will be an automatic backup system for the customer and bank information.

- Maintain data integrity Validate the manual calculations avoid calculation error.
- Safeguard the data accuracy.
- More reliable and efficient.
- More user-friendly interface.

3.1 Features and Functionality:

- **Creating New Accounts:**The application can be used to create two different types of accounts by the customers which are Saving Account and Current Account.It helps to save the hustle for the customer to visit physically and create use this accounts.
- **Depositing Money:**As the world is moving towards the limited paper currency, depositing or transferring money from one bank to another will become as easy as clicking few buttons by using the applications.
- **Withdrawing Money:** Request can be sent through the application to ask for money transfer as well.
- **Account Holder List:**This is the feature for the admin.The Admin can view the list of all account holders.
- **Balance Enquiry:**The customers can view their balance via this application.

Chapter 4

4. Project Outcomes:

- Login user
- Create Account
 - Deposit
 - Withdraw
 - Check Balance
- Logout User

Chapter 5

5. Software Requirements:

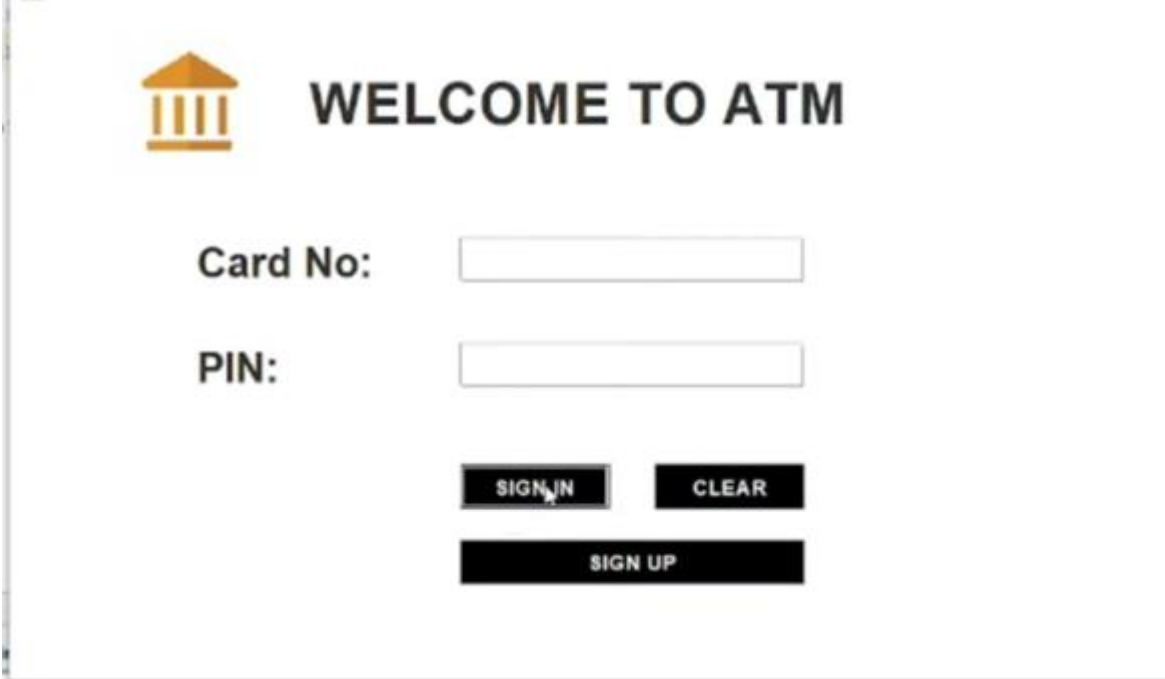
- 1.Java
- 2.GUI - Netbeans
- 3.Backend – MySQL

Client Side: HTML, Web Browser, Flash Player, MS Office, Windows XP/9x/ME.


Web Server: HTML, MS Office, Windows XP/9x/ME Software Requirements.

Chapter 6

6. Project Design:



The image shows a digital interface for an ATM. It features a light gray background with a white rectangular area in the center. At the top left of this area is an orange icon of a classical building with four columns. To the right of the icon, the text "WELCOME TO ATM" is displayed in a bold, black, sans-serif font. Below the header, there are two input fields. The first is labeled "Card No:" and the second is labeled "PIN:". Both labels are in a bold, black, sans-serif font. Each label is followed by a white rectangular input box with a thin gray border. Below the input fields, there are three buttons. The first two are "SIGN IN" and "CLEAR", positioned side-by-side. They are black rectangles with white text. The "SIGN IN" button has a small white mouse cursor icon pointing at it. Below these two buttons is a single, wider black rectangle with the text "SIGN UP" in white.

 **WELCOME TO ATM**

Card No:

PIN:

SIGN IN **CLEAR**

SIGN UP



APPLICATION FORM NO. 6211

Page 1: Personal Details

Name:

Father's Name:

Date of Birth:

Gender: ☐ Male ☐ Female

Email Address:

Marital Status: ☐ Married ☐ Unmarried ☐ Other

Address:


City:

Pin Code:

State:

Next

NEW ACCOUNT APPLICATION FORM - PAGE 2



Page 2: Additional Details

Form No: 6211

Religion:

Hindu

Category:

General

Income:

Null

Educational Qualification:

Non-Graduate

Occupation:

Salaried

PAN Number:

Aadhar Number:

Senior Citizen:

☐ Yes ☐ No

Existing Account:

☐ Yes ☐ No

Next



Page 3: Account Details

Form No: 6211

Account Type:☒ Saving Account☐ Fixed Deposit Account☐ Current Account☐ Recurring Deposit Account**Card Number:**

XXXX-XXXX-XXXX-4184

(Your 16-digit Card number)

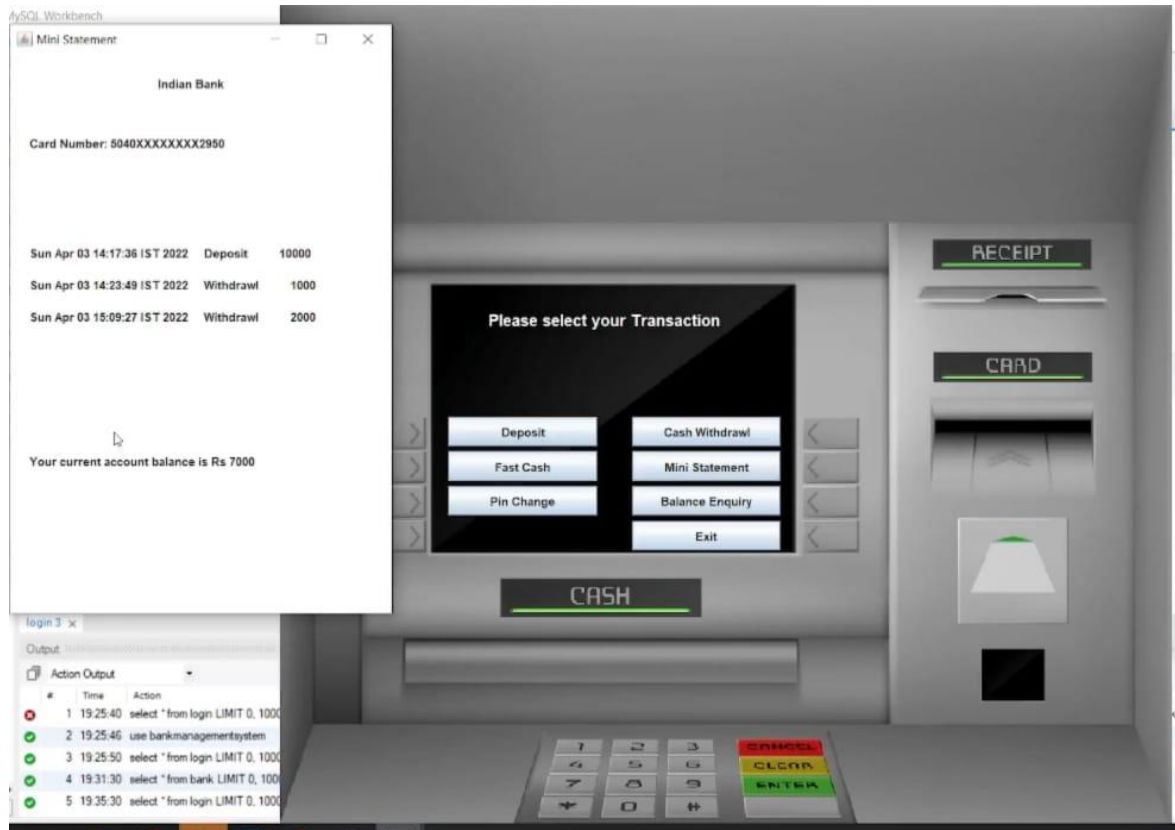
It would appear on ATM Card/Cheque Book and Statements

PIN:

XXXX

(4-digit password)

Services Required:☐ ATM CARD☐ Internet Banking☐ Mobile Banking☐ EMAIL Alerts☐ Cheque Book☐ E-Statement☒ I hereby declares that the above entered details correct to th best of my knowledge.**Submit****Cancel**



Chapter 7

7. Project Scheduling:

Project Scheduling

WBS NUMB	TASK TITLE	START DATE	DUE DATE	DURATION (Weeks)	PERCENTAGE OF TASK
1	Project Conception and Initiation				
1.1	Group formation and Topic finalization. Identifying the scope and objectives of the Mini Project	7-28-22	8-4-22	1	100%
1.2	Identifying the functionalities of the Mini Project	8-4-22	8-11-22	1	100%
1.3	Discussing the project topic with the help of paper prototype.	8-11-22	8-18-22	1	100%
1.4	Designing the Graphical User Interface(GUI)	8-18-22	8-25-22	1	100%
1.5	Presentation I	8-25-22	9-8-22	1	100%
2	Project Design and Implementation				
2.1	Database Creation	9-8-22	9-22-22	2	100%
2.2	Connectivity	9-22-22	9-29-22	1	100%
2.3	Report Writing	9-29-22	10-6-22	1	100%
2.4	Presentation II	10-6-22	10-20-22	2	100%

Chapter 8

8.Conclusion:

Online Bank Management System can be utilized in many sectors although it has been designed focusing e-banking system. This project can be used as your semester project in Java or final year project. All the necessary project documents are available in the download link. If you have any queries, bring them up from the comments section.

Online Bank Management java project report system is a virtualization of transactions in banking system. The bank management system are used to manually working but when we used online banking system it is totally virtualization process which avoid manual process and converts it in automatic process. If user can make transaction in bank management system it is available in any where also aadhar with the account, change branch location easily.

Bank management system is saving the time with accuracy than bank manual system.

References:

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