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Department Of Computer Engineering

A
Project Report On
**"Android Application on
Banking System"**

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Project Guide
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Chapter 1

Name Of Project:

Android Application on Banking System.



Chapter 2

Outcomes

- Develop Android application for Banking system.
- We can register new user in bank using this application .
- Using this application, we can able to check balance, withdraw money and deposite it into account.
- Provide online transaction facility for Banking system.

Chapter 3

Introduction

Mobile banking is a system that allows customers of a financial institution to conduct a number of financial transactions through a mobile device such as a mobile phone or tablet. Mobile banking offers many advantages, easy access and plentiful applications for smart phones, provide a good security. The biggest benefit is that you have more control of your money, Mobile banking takes us back to the days when we used passwords, and many services are pretty basic. People use it to check balances and monitor finances.

In our system, firstly we register user in banking database. Then user can login account. After login account, we can able to check balance, Withdraw money and deposit it into account.

In this system we use, Layouts, TextView, EditText, Button, Dialogs, Scroll Views, Radio Buttons, ImageView, ImageButtons, Toggle Button Spinner.

From the bank's point of view, mobile banking reduces the cost of handling transactions by reducing the need for customers to visit a bank branch for non-cash withdrawal and deposit transactions. Mobile banking does not handle transactions involving cash, and a customer needs to visit an ATM or bank branch for cash withdrawals or deposits. Many apps now have a remote deposit option; using the device's camera to digitally transmit cheques to their financial institution.

Chapter 4

SRS (Software Requirement specification)

4.1 Functional Requirements

- Purpose To register a new customer.
- Inputs The required data for registration of a new customer in the bank Like Name, Address, Designation etc.
- Output A Success Message be displayed on successful registration or else an error message will be displayed.

4.2 Non- Functional Requirements

Non-functional requirements are requirements that are not directly concerned with the specific functions delivered by the system. They may relate to emergent system properties such as reliability, response time and store occupancy. They may specify system performance, security, availability, and other emergent properties.

4.3 Security Requirements

- a. Account ID and Password (PIN) Protection.
- b. Auto Timeout Screen Blanking.
- c. Sign-In Button.
- d. Failed Log-on Attempts.

4.4 Hardware Requirements

- Standard pc
- 1.7 GHz class or better processor
- 128MB or more RAM (256 recommended)
- At least 500 MB Hardisk space.
- Smart mobile phone

4.5 Software Requirements

This product is developed mainly using open source technologies like apa che So,we can use any operating system for developing this product. Frontend:Java Backend: MySql

Chapter 5

Output Screens

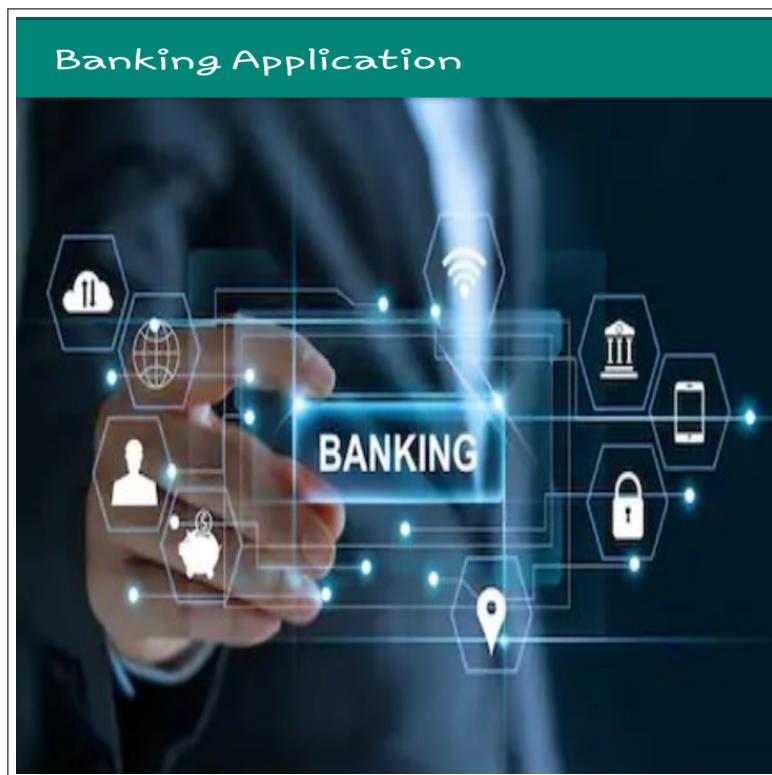


Figure 5.1: Splash Screen



Figure 5.2: Registration1

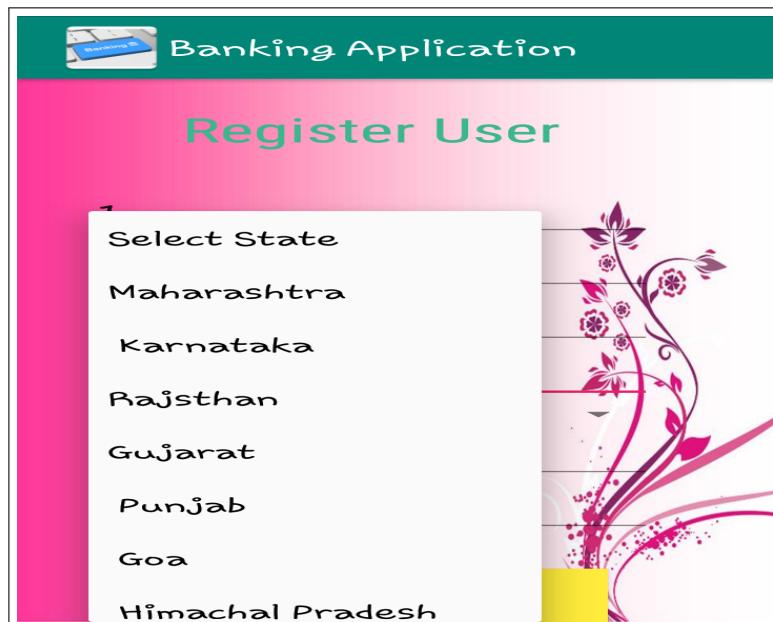


Figure 5.3: Registration2



Figure 5.4: Login



Figure 5.5: Forget Password

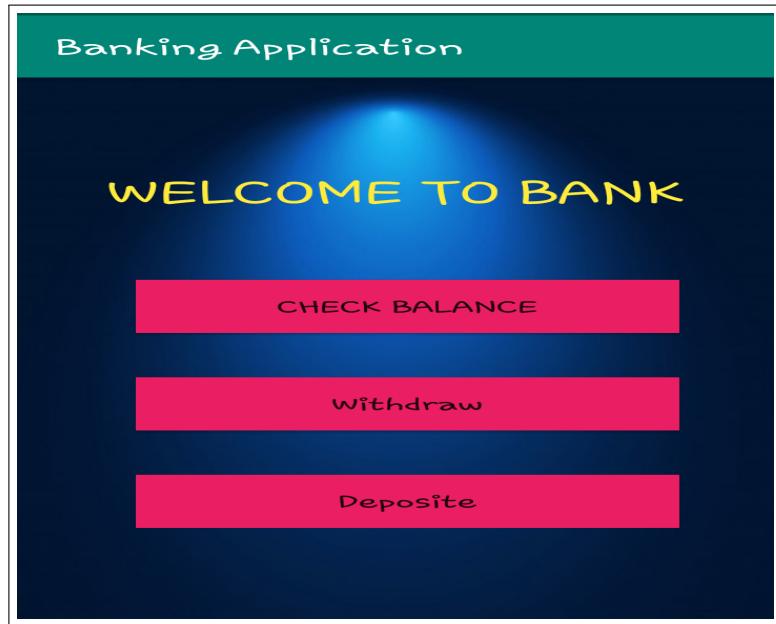


Figure 5.6: Banking operations

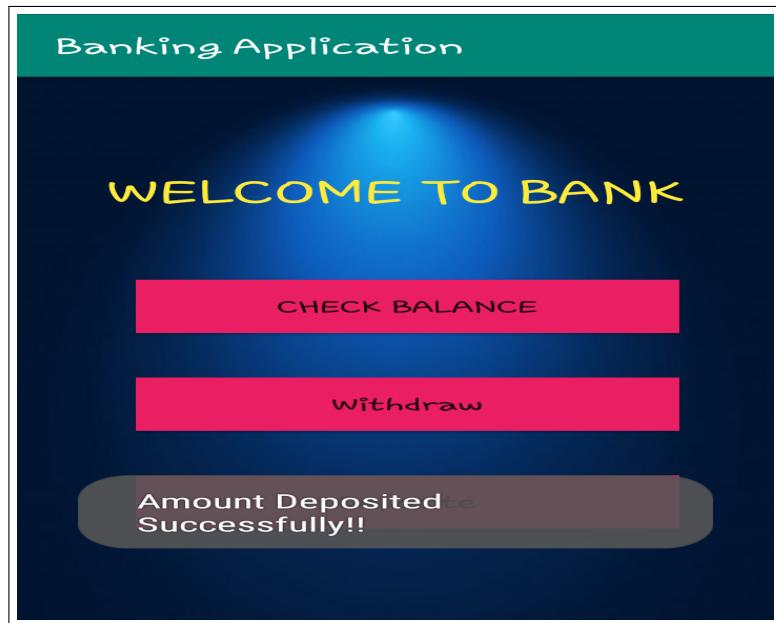


Figure 5.7: Deposite1

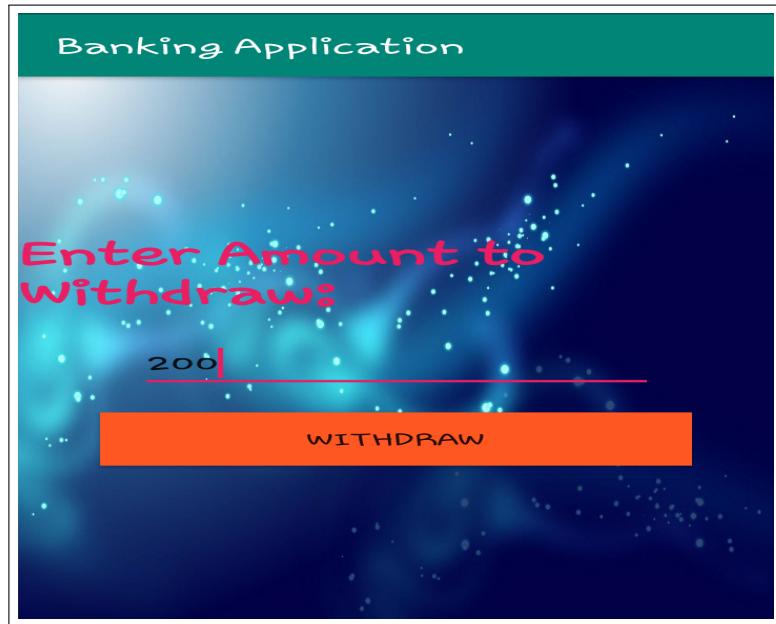


Figure 5.8: Withdraw1

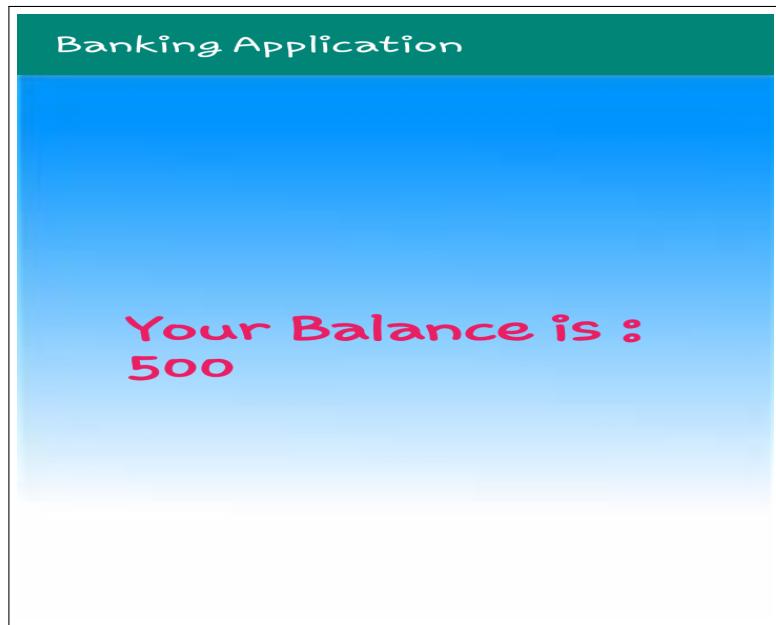


Figure 5.9: check Balance

Chapter 6

Conclusion

This software application specifies the requirements needed for the Banking System, which will be used in the Banks. This application will be used by the customer to ensure all specifications of banking system. It deals with the internal banking functions like new account registration, withdrawal, deposit, account closure and exclusively for the customers, who could access it from anywhere having an internet connection. The banking system uses a well interfaced GUI and well designed Web Forms for specific actions required by the users. It will need to be connected to a main database server for storing and retrieving the data of the customers. This applicatin would be used by the following people: Bank Employees : They would be using the Core Banking Solution to perform the various banking functionalities. Bank Customers: They would be using the eBanking Solution to view their account details. Research Students : Research students are advised to read all the section of this document to get an overall idea of the workflow and technicalities of the software. Testers: It can be used as a documentation to know the interfaces.

Bibliography

1. Book:

Programming the Word Wide Web, 4th Edition, by
Robert Sebesta

2. Websites:

- www.w3schools.com
- <https://developer.android.com/design>
- <https://developer.android.com/studio/write/layout-editor>
- [https:// www.overleaf.com](https://www.overleaf.com)