Deccan Education Society's
Fergusson College, Pune
Department of Computer Science

A

Project Report

On

"DCB KUBER MF APP"

For

WinSoft Technologies India Pvt. Ltd.

Submitted By:

Aditya Vaidya (1501)

In the partial fulfillment of Post Graduate Course in

MSc (CS)– II

2019-2020

Fergusson College (Autonomous)
Pune - 411004

Completion Certificate Issue By Winsoft

C E R T I F I C A T E

This is to certify that Mr. /Ms.
_____

(Exam. Seat No. _____) is a student of M.Sc. (CS), Part II, and

undergoing Industrial Training at

_____

(Dr. Kavita A. Khobragade)

Head,

Department of Computer Science,

Fergusson College (Autonomous),
Pune – 411 004.

ACCEPTANCE

This is to certify that the undersigned have assesses and evaluated the project **DCB KUBER MF APP** submitted by **Aditya Vaidya.** The project report has been accepted for the partial fulfilment of the degree of **Master of Science (Computer Science)** from **Fergusson College**

External Examiner:

Name: _____

Sign : _____

Industrial Expert:

Name: _____

Sign : _____

Date : _____

Internal Examiner:

Name: _____

Sign : _____

Date : _____

Place: **_____**

ACKNOWLEDGEMENT

The internship opportunity I had with **Winsoft Technologies India Pvt. Ltd.** was a great chance for learning and professional development. Therefore, I consider myself as a very lucky individual as I was provided with an opportunity to be a part of it. I am also grateful for having a chance to meet so many wonderful people and professionals who led me though this internship period.

Bearing in mind previous I am using this opportunity to express my deepest gratitude and special thanks to the all MD of **Winsoft Technologies India Pvt. Ltd.** who in spite of being extraordinarily busy with his duties, took time out to hear, guide and keep me on the correct path and allowing me to carry out my project at their esteemed organization and extending during the training.

I express my deepest thanks to Mr. Govind Thange – AVP , for taking part in useful decision & giving necessary advices and guidance and arranged all facilities to make life easier. I choose this moment to acknowledge his contribution gratefully.

It is my radiant sentiment to place on record my best regards, deepest sense of gratitude to Mr.Manish Bhosekar – Project Manager, for their careful and precious guidance which were extremely valuable for my study both theoretically and practically. I have great pleasure in extending and whole hearted thanks to all the members of the Winsoft family who helped me a lot.

Last but not the least I would thank my teachers Mrs. Anjali Naik (Project Guide and Placement co-coordinator) and all teaching, non-teaching staff of Department of Computer Science, Fergusson College.

Aditya Vaidya

PREFACE

This document gives a brief description of different development activities followed in the course of the project.

What is this document about?

This document talks about my contribution to the project during my industrial training period.

At the start it contains a brief introduction to- "*DCB KUBER MF APP*", during my tenure at Winsoft Technologies India Pvt. Ltd. I have worked on this project as a part of industrial training program.

Company Profile

Winsoft is a leading IT solutions company specializing in cutting edge solutions for the financial organizations. The breakthrough product offerings and solutions have a combination of domain knowledge, latest technology, and best practices. It has its head office in Mumbai, India with business development office in Pune, India and established in 1993 by Mr. Prasad Khandkar, Mr. Ajit Bhansali and Mr. Nirmal Jain. The gamut of products addresses requirements of Financial Institutions - Banks, Mutual Fund, Insurance, Depository Participants, Wealth managers, and trading industry. The company has motto which is "Committed to InfoTech".

Specialities : Enterprise Software Solutions to Financial Organizations, Solutions for Depository Participants, Depository Participants, Mutual fund and Insurance distributors, Banks, Brokers, Sub brokers and FIIS.

Winsoft's Clients :

1. HDFC Bank.
2. ICICI Bank.
3. Kotak Mahindra Bank.
4. Dematrix.
5. SBI Bank.
6. DCB Bank.
7. Indusland Bank.
8. Pluribus Networks.
9. Axis Bank

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PROPOSED SYSTEM

1. DCB KUBER MF APP is Mobile Application for Android phones which provides functionality related to mutual funds.
2. It provides different types of mutual fund schemes to users.
3. It works for both DCB Bank customers as well as other customers.
4. The application provides different operations like SIP and INVEST for mutual fund schemes.
5. If user want to invest in any mutual fund scheme and if user is DCB bank customer then it will redirect to DCB Bank Internet Banking Site.
6. For other customers, the application requests you to visit near DCB Bank branch for more details.
7. Meanwhile, the main objective is to provide detail analysis of mutual fund schemes to all users using different functionality but you can only invest in it if you are DCB Bank Customer.

Overview

Existing System/Need of System

1. In existing system, user have all the functionalities which will be included in mobile app.
2. DCB bank have their desktop based application of this application.
3. To use this functionality anywhere outside the bank, DCB bank has decided to develop a mobile app for it.
4. So, user can use this functionality anywhere by using this app.
5. The purpose of developing this app is to reduce extra work of user which they doing in desktop application.
6. By using this app, user can use same functionalities of desktop application anywhere. For that they just have to log in by using username and password which is provided by bank to the user.

Scope of The System

This Mobile Application is intended for providing Mutual Fund Scheme Analytics to users which will help the to make the decision and place Investment Orders (purchase and SIP) in case user is DCB bank customer and having a valid MF account number.

For rest of the MF Transactions and service user need to logon to DCB Bank Internet Banking Site and use Investments tab.

Operating System

1. Machine Configuration - Linux/Windows
2. IDE - Android Studio 3.4
3. Language - JAVA
4. Mobile Configuration - Any Android Phone with version 7 and above
5. Mobile RAM - 3GB or above
6. Machine RAM - 4GB or above

Technology Used

Android Studio

Android Studio is the official Integrated Development Environment (IDE) for Android app development, based on IntelliJ IDEA . On top of IntelliJ's powerful code editor and developer tools, Android Studio offers even more features that enhance your productivity when building Android apps, such as:

- A flexible Gradle-based build system
- A fast and feature-rich emulator
- A unified environment where you can develop for all Android devices
- Apply Changes to push code and resource changes to your running app without restarting your app
- Code templates and GitHub integration to help you build common app features and import sample code
- Extensive testing tools and frameworks
- Lint tools to catch performance, usability, version compatibility, and other problems
- C++ and NDK support
- Built-in support for Google Cloud Platform, making it easy to integrate Google Cloud Messaging and App Engine

Android

- Android is a Linux based operating system it is designed primarily for touch screen mobile devices such as smart phones and tablet computers.
- The operating system have developed a lot in last 15 years starting from black and white phones to recent smart phones or mini computers.
- One of the most widely used mobile OS these days is android. The android is software that was founded in Palo Alto of California in 2003.
- The android is a powerful operating system and it supports large number of applications in Smartphones. These applications are more comfortable and advanced for the users.
- The hardware that supports android software is based on ARM architecture platform. The android is an open source operating system means that it’s free and any one can use it.
- The android has got millions of apps available that can help you managing your life one or other way and it is available low cost in market at that reasons android is very popular.

System development lifecycle:

a. Requirements from user

1. User should know how to use a android mobiles.

2. They should have the know-how to access this application.

3. They should have a working internet connection.

b. Feasibility Study

I. Technical Feasibility:

Technical feasibility study is the complete study of the project in terms of input, processes, output, fields, programs and procedures.

It is a very effective tool for long term planning and trouble shooting. The technical feasibility study should most essentially support the financial information of an organization.

II. Operational Feasibility:

Operational feasibility refers to the measure of solving problems with the help of a new proposed system.

It helps in taking advantage of the opportunities and fulfills the requirements as identified during the development of the project. It takes care that the management and the users support the project.

A system may serve its intended purpose most effectively when its technical and operating characteristics are engineered into the design. Therefore, operational feasibility is a critical aspect of systems engineering that needs to be an integral part of the early design phases.

III. Time Feasibility: A project will fail if it takes too long to be completed before it is useful. Typically this means estimating how long the system will take to develop, and if it can be completed in a given time period using some methods like payback period. Schedule feasibility is a measure of how reasonable the project timetable is. Some projects are initiated with specific deadlines. It is necessary to determine whether the deadlines are mandatory or desirable.

Objective of System

1. The main objective of this application to provide all the features which have in desktop application.

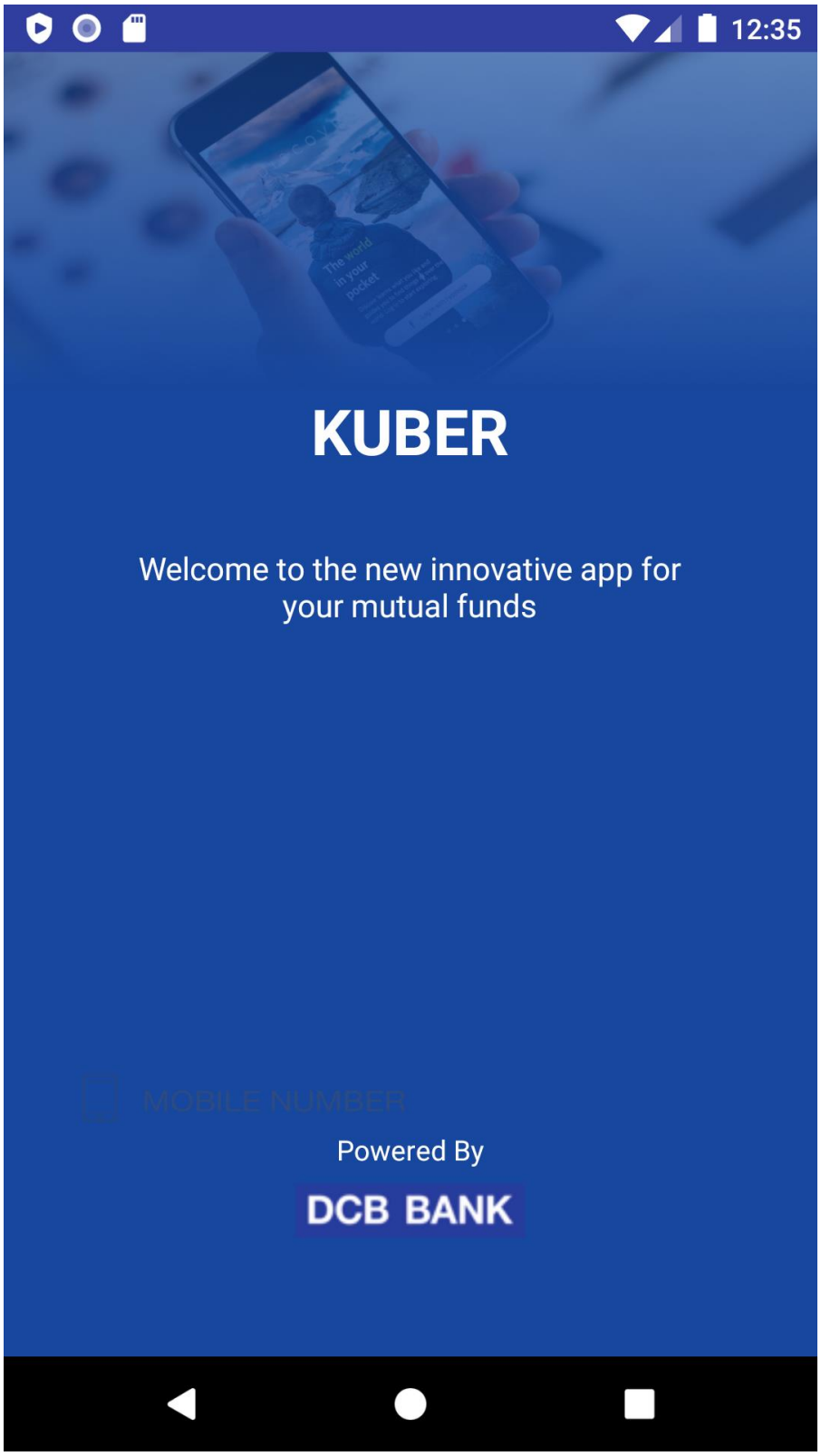
2. The application is user friendly, so it can be use anywhere by user.

3. Due to this application, user need not write any information on paper. They can store information in this application.

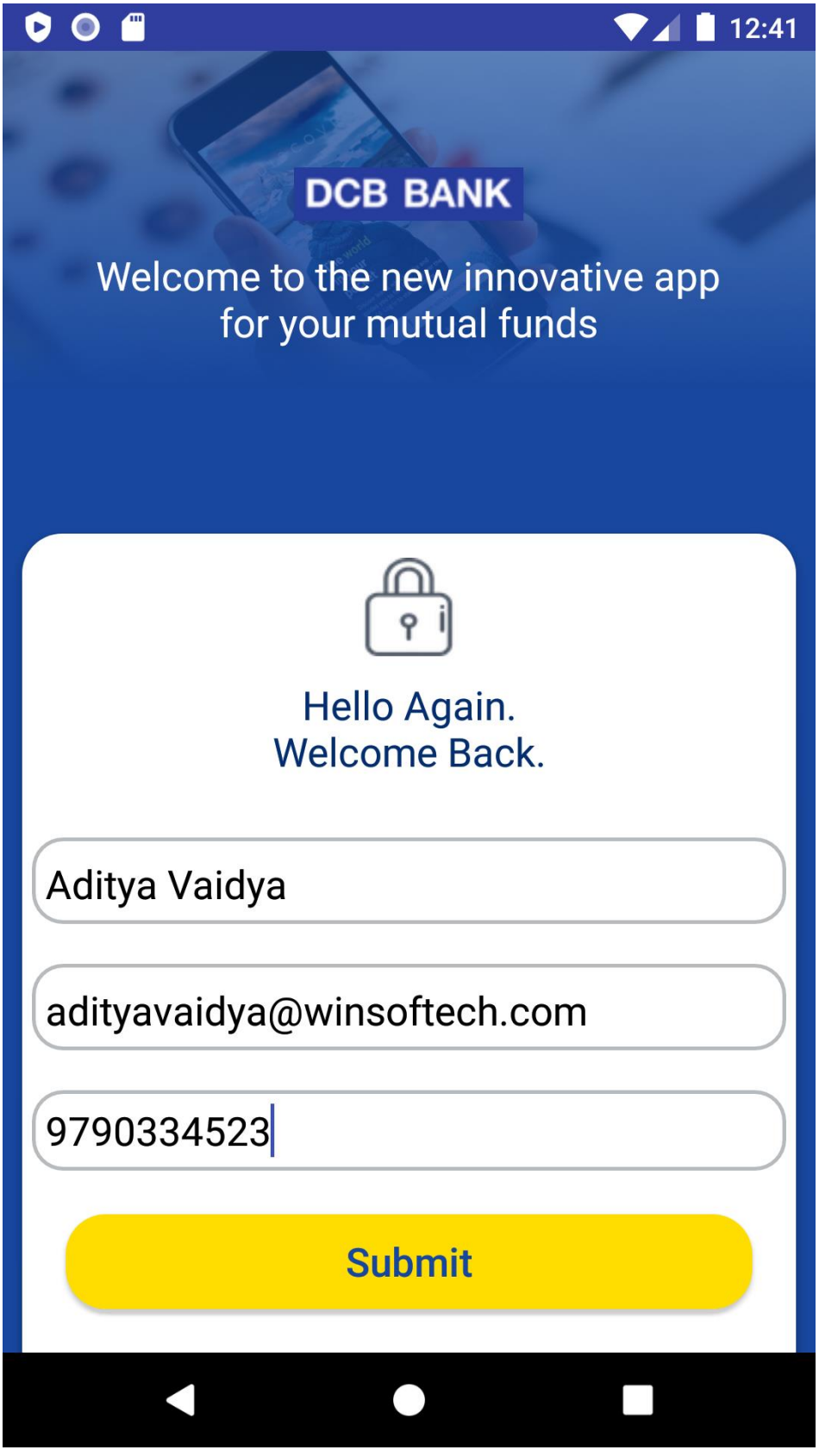
UML Diagrams

SCREENSHOTS

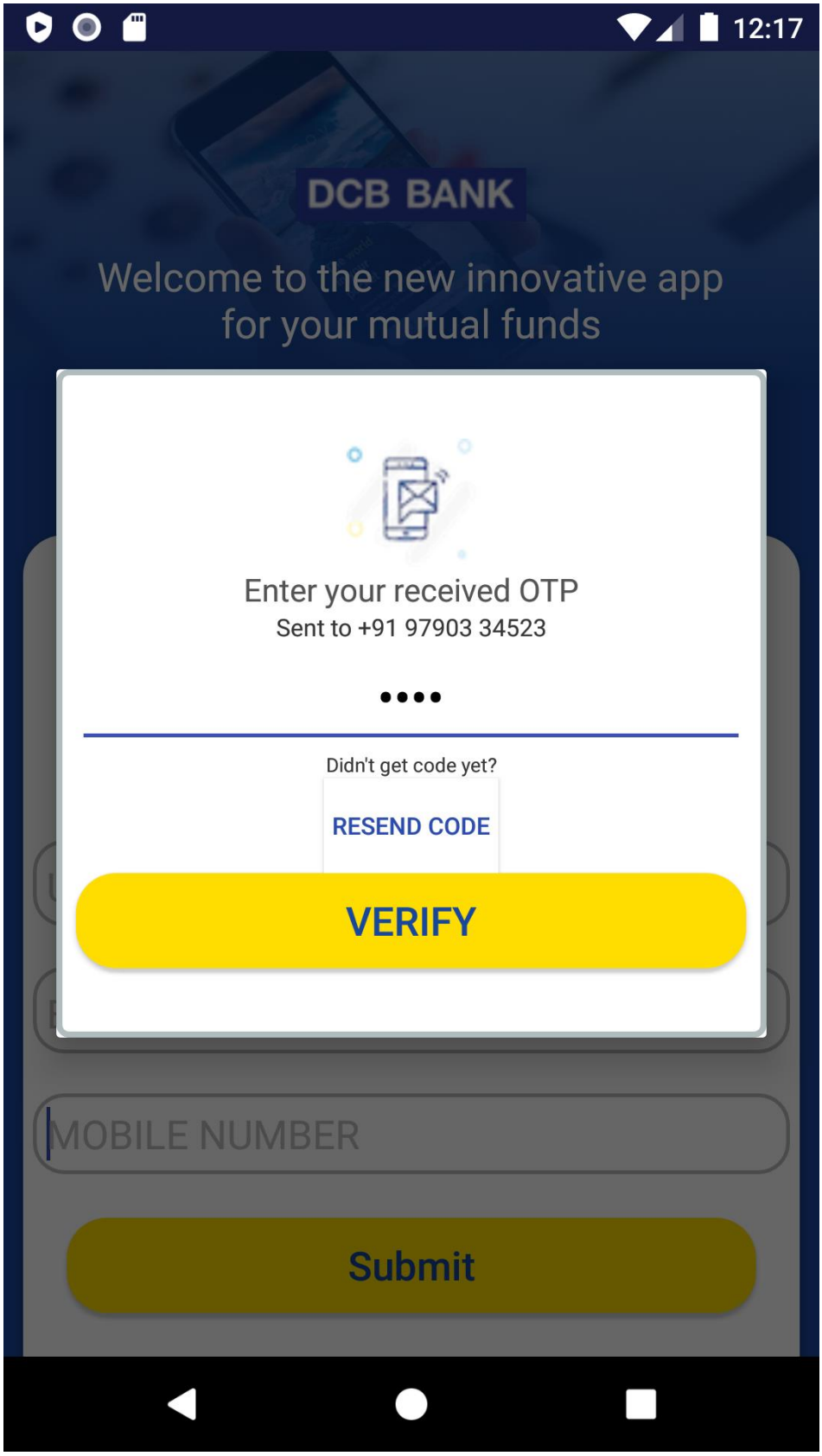
1. Flash Screen



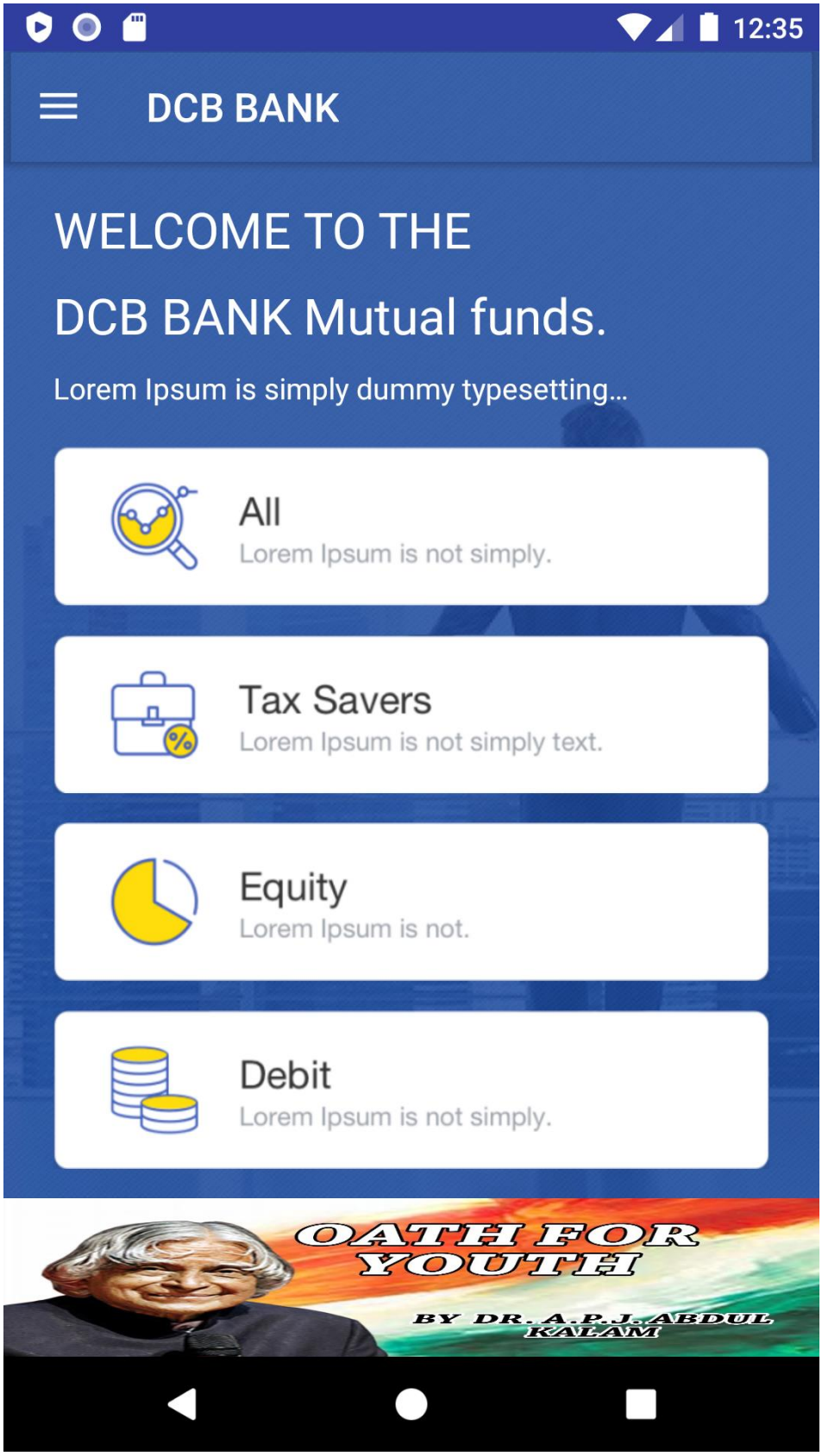
2. **Username Screen**



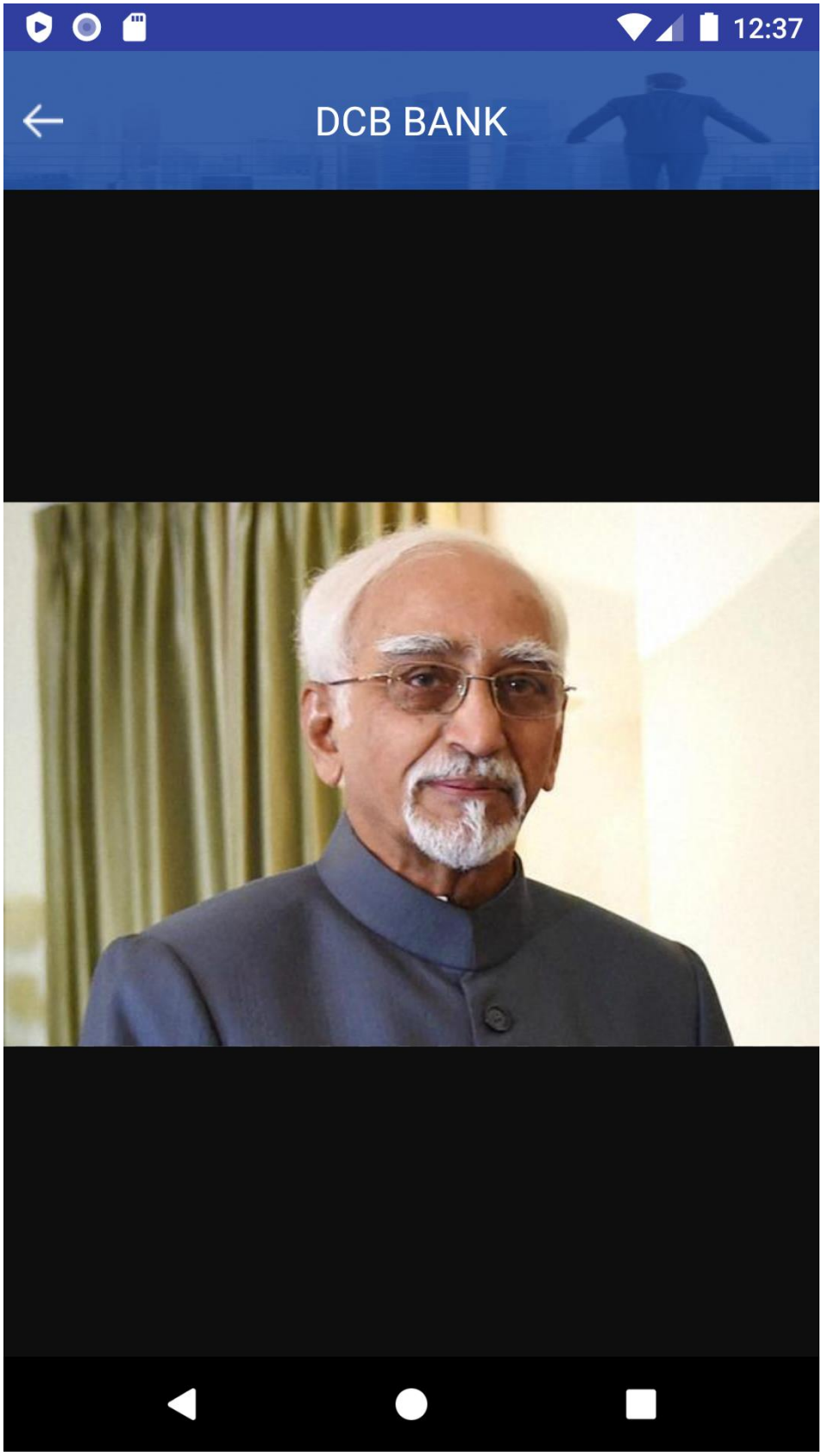
3. OTP Screen


12:17
DCB BANK
Welcome to the new innovative app for your mutual funds
Enter your received OTP
Sent to +91 97903 34523
Didn't get code yet?
RESEND CODE
VERIFY
MOBILE NUMBER
Submit

4. Home Screen

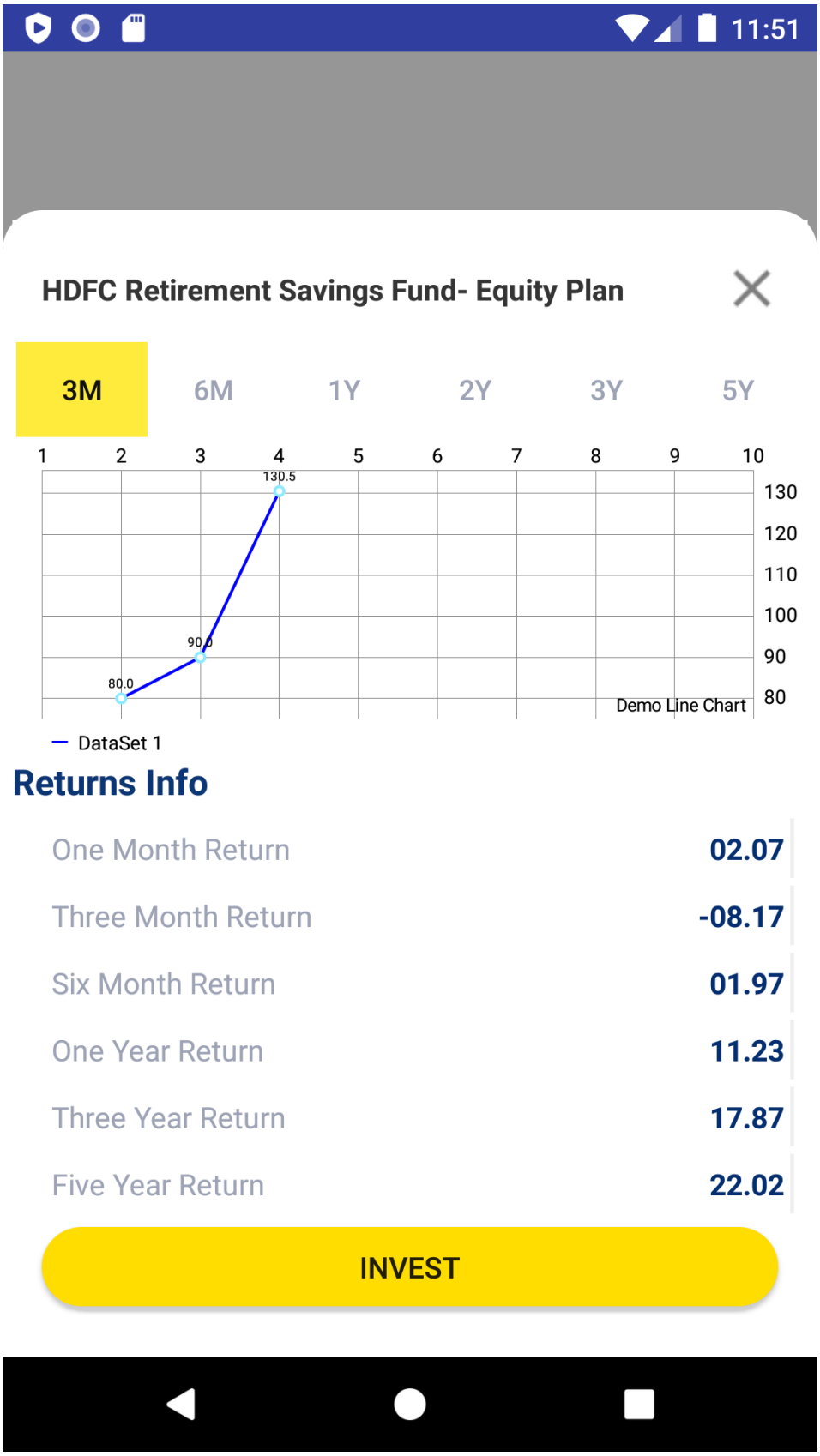


5. Advertising Screen

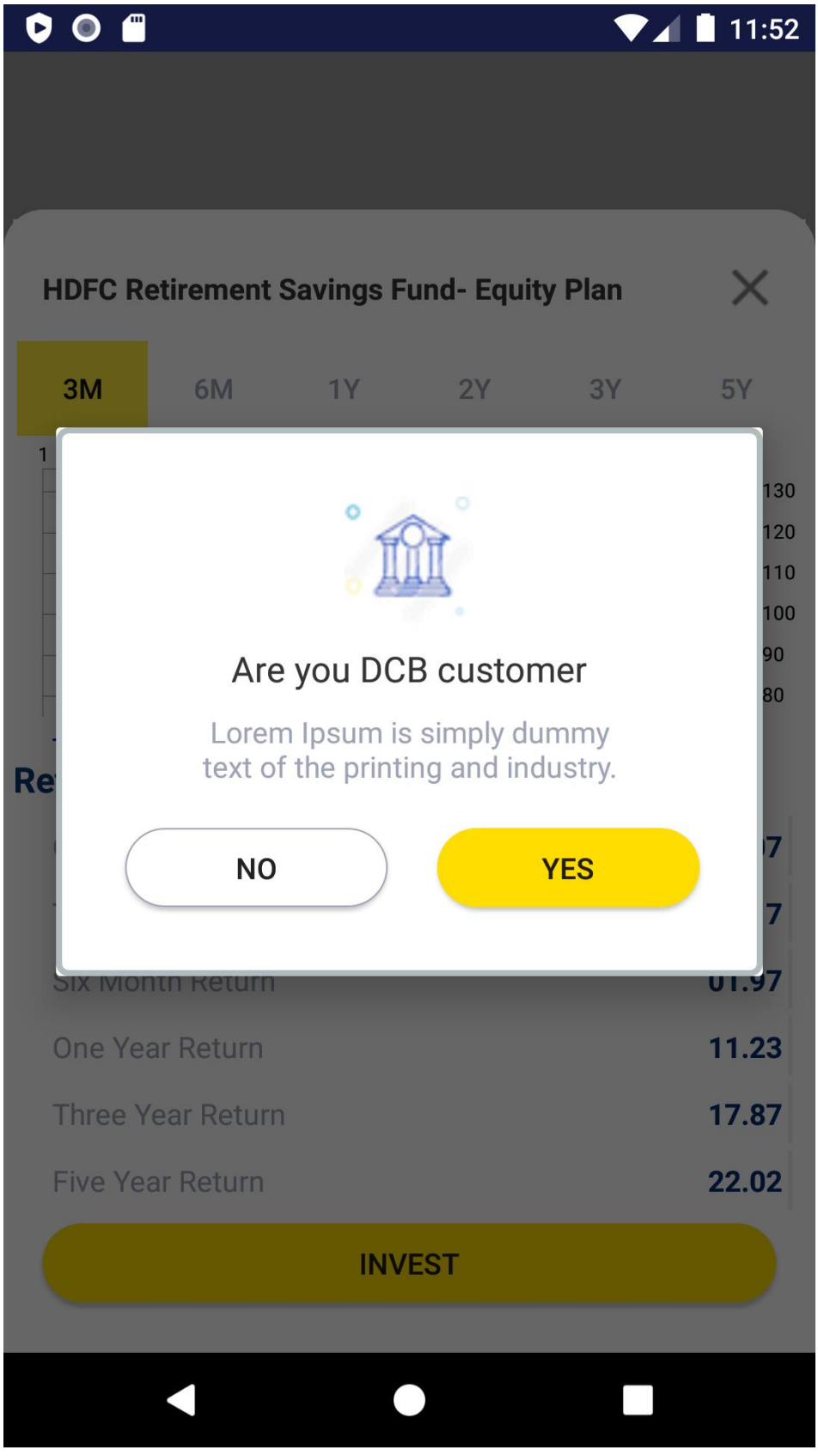


6. Schemes List Screen

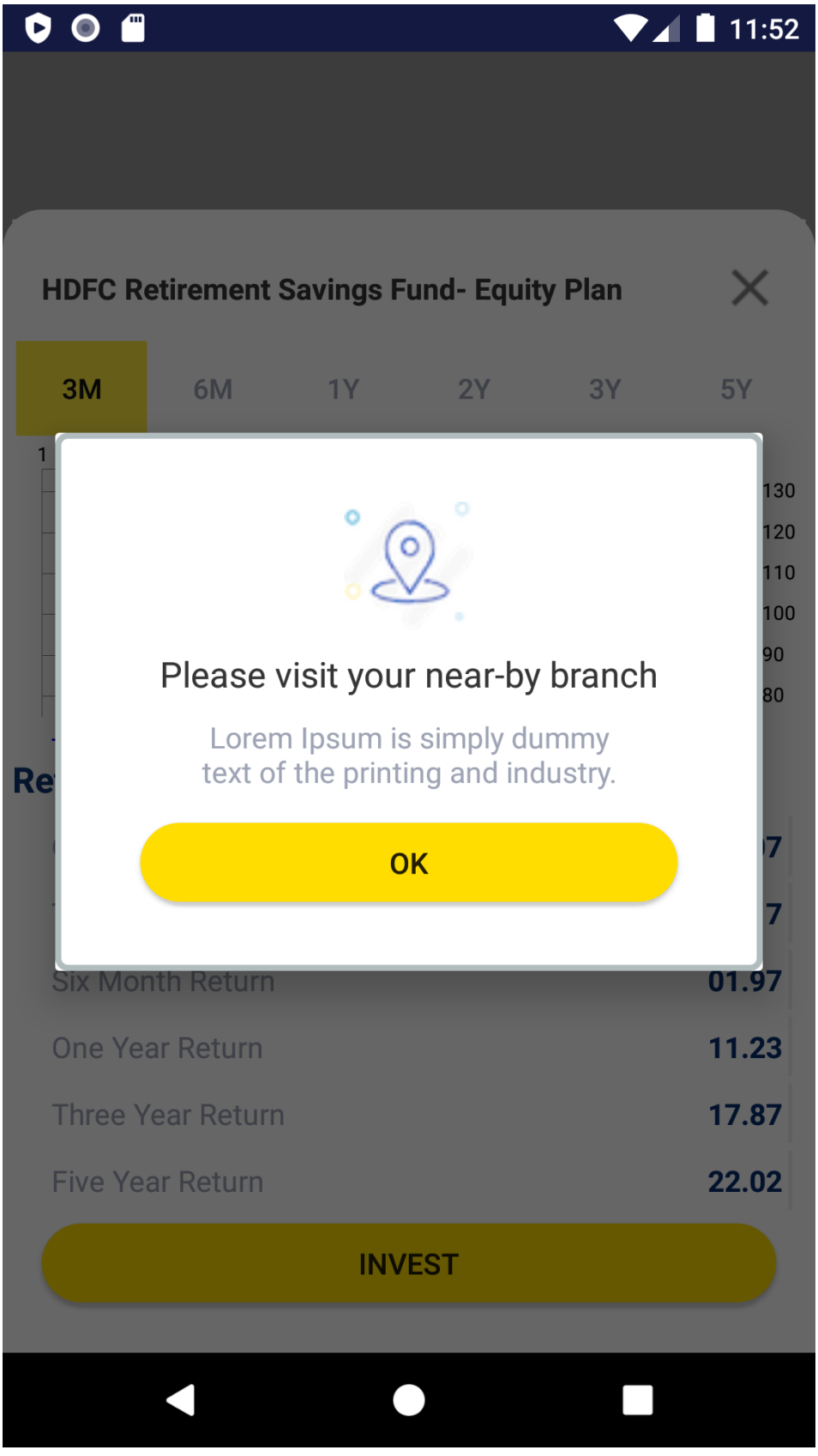
7. Scheme Details



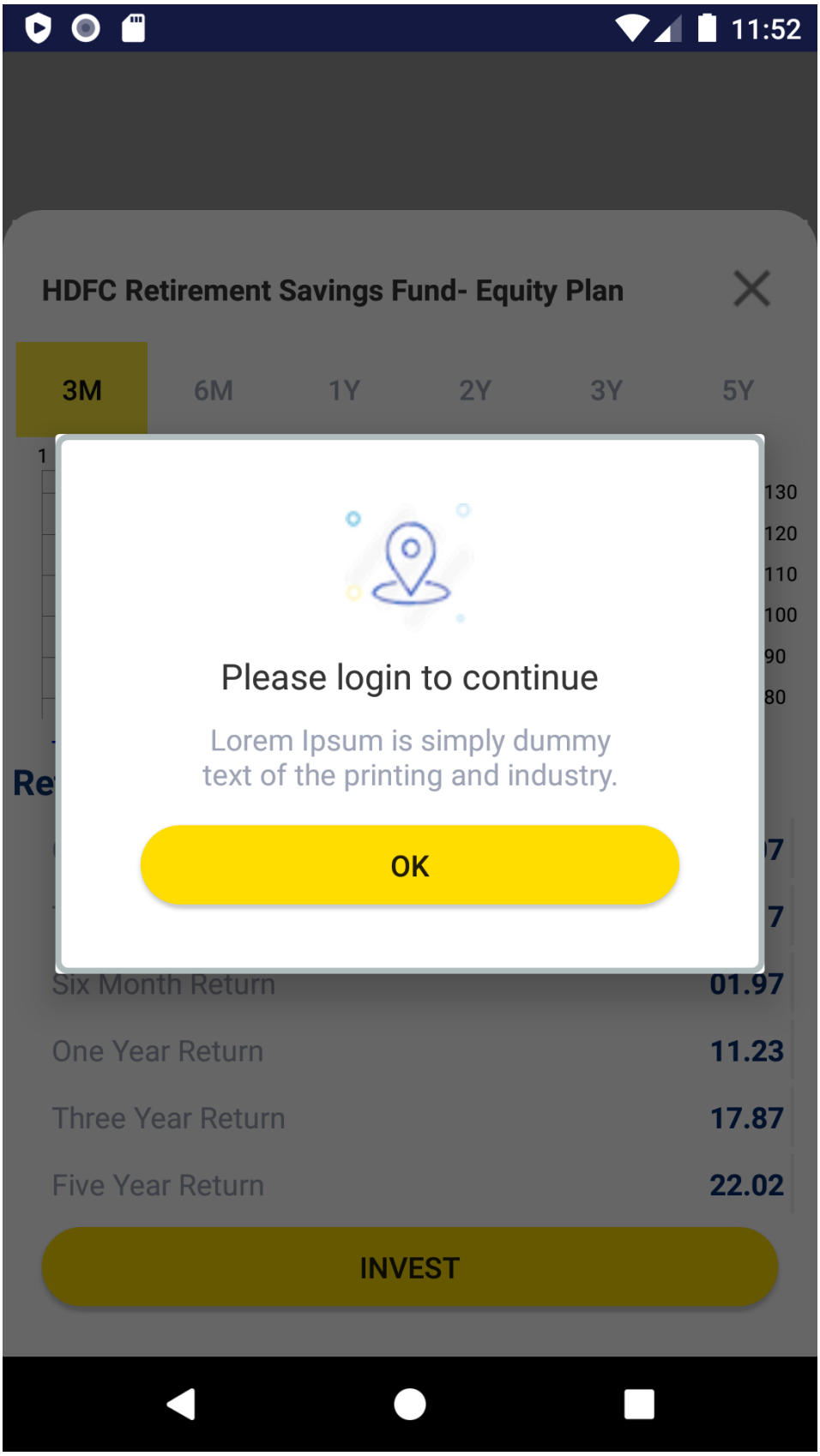
8. On Click INVEST or SIP Button



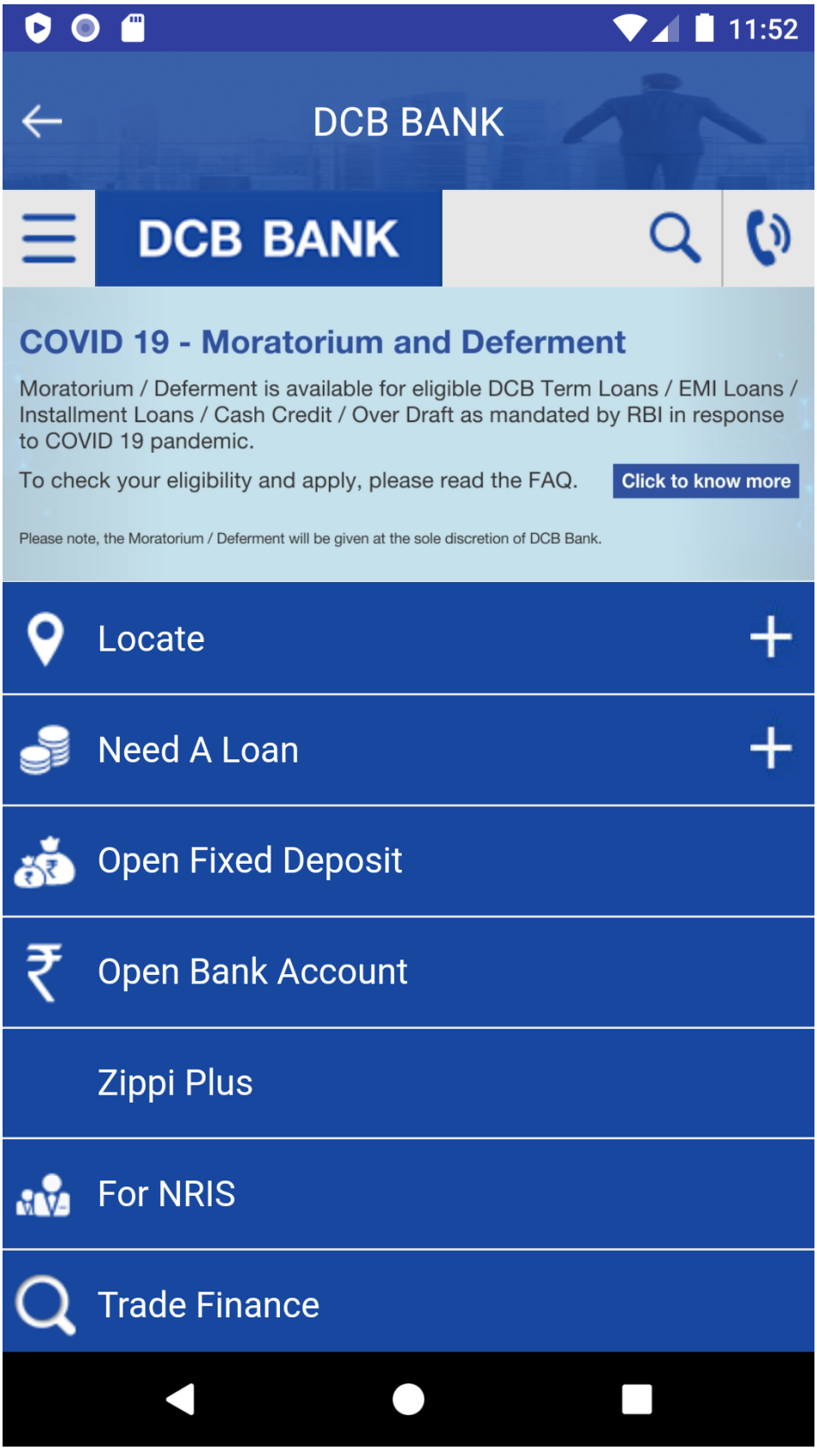
9. On Click “No”


11:52
HDFC Retirement Savings Fund- Equity Plan
3M
6M
1Y
2Y
3Y
5Y
Please visit your near-by branch
Lorem Ipsum is simply dummy
text of the printing and industry.
OK
Six Month Return
01.97
One Year Return
11.23
Three Year Return
17.87
Five Year Return
22.02
INVEST

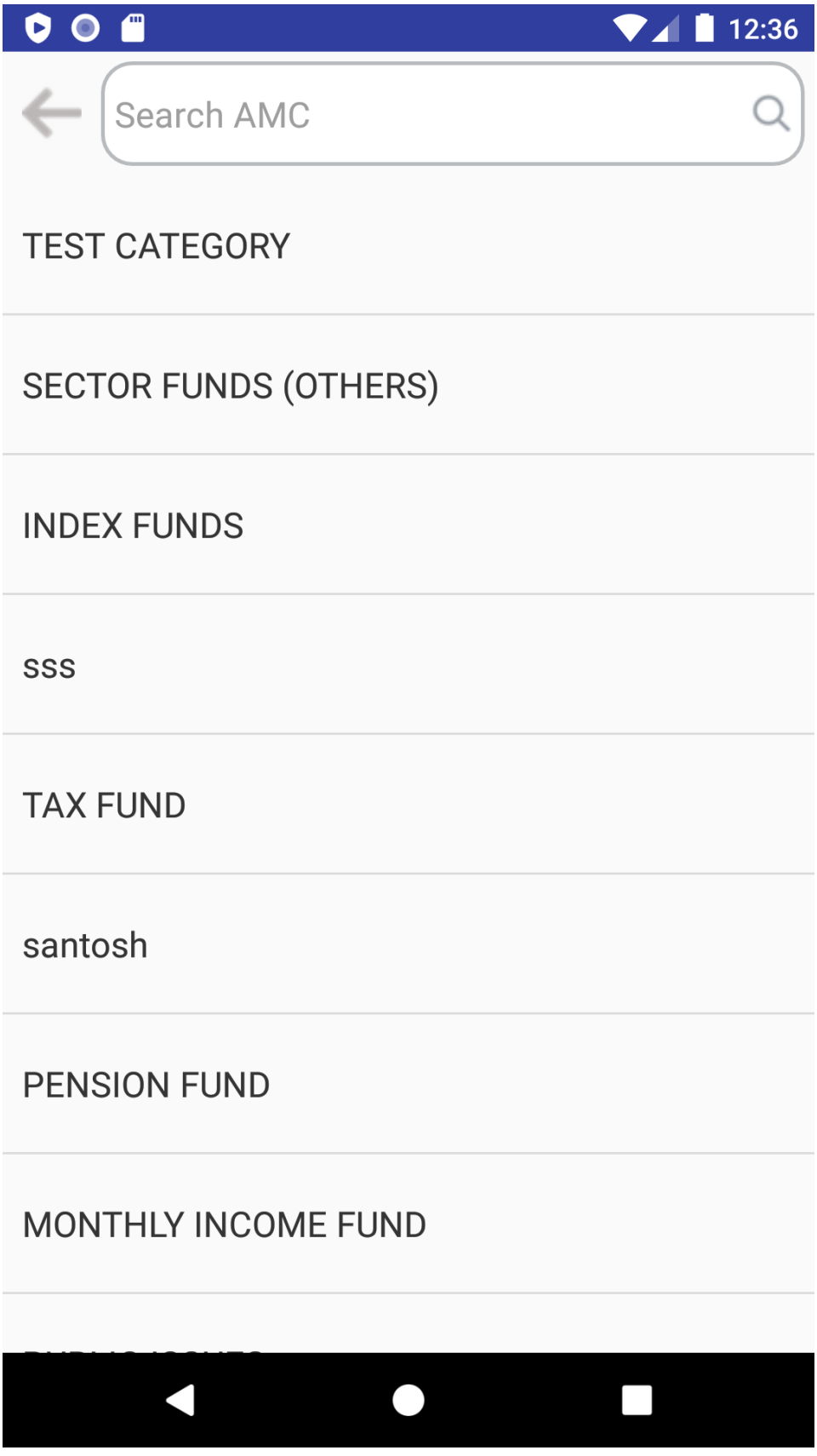
10. On Click “Yes”



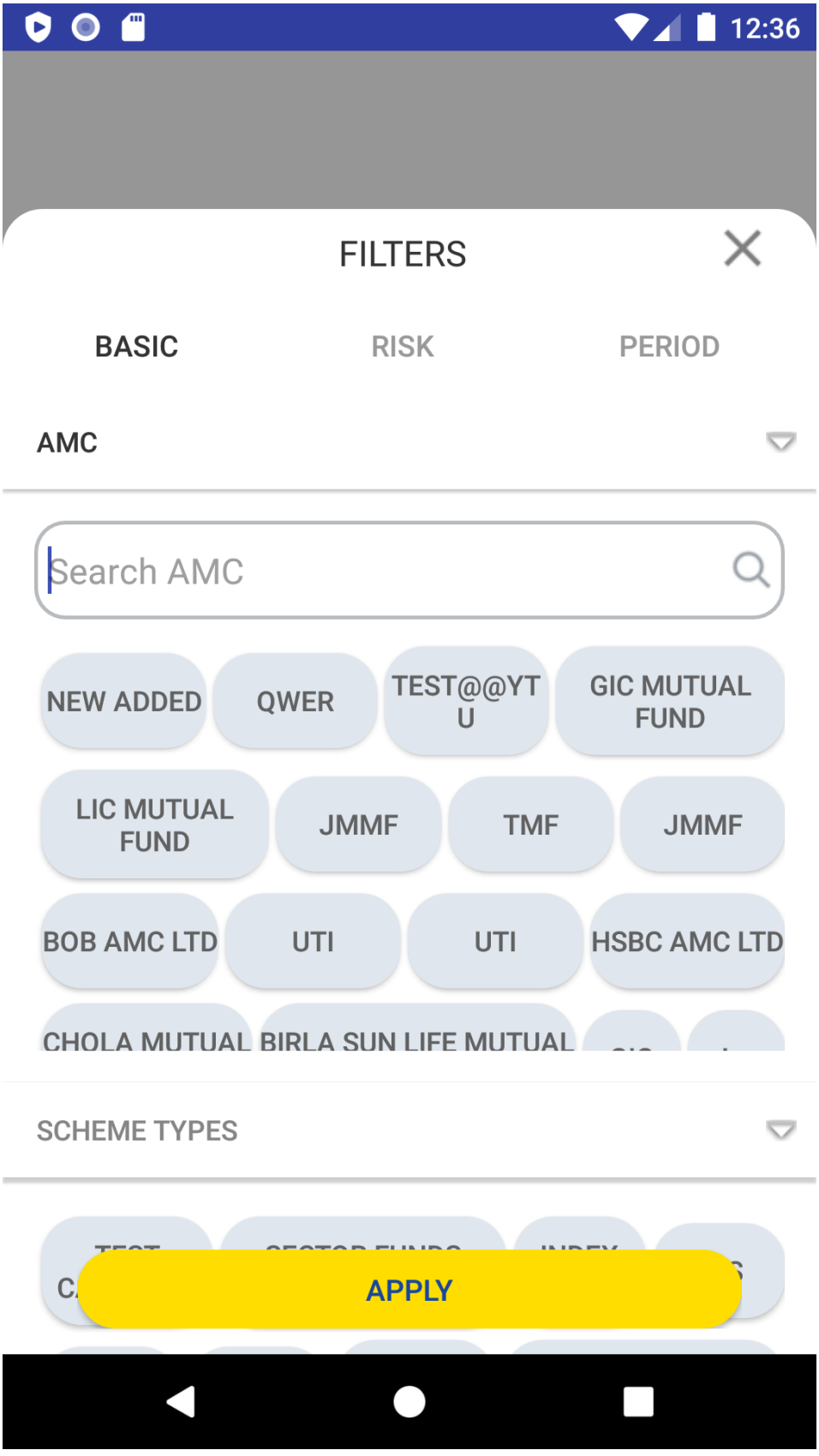
11. On DCB Bank's Login Screen



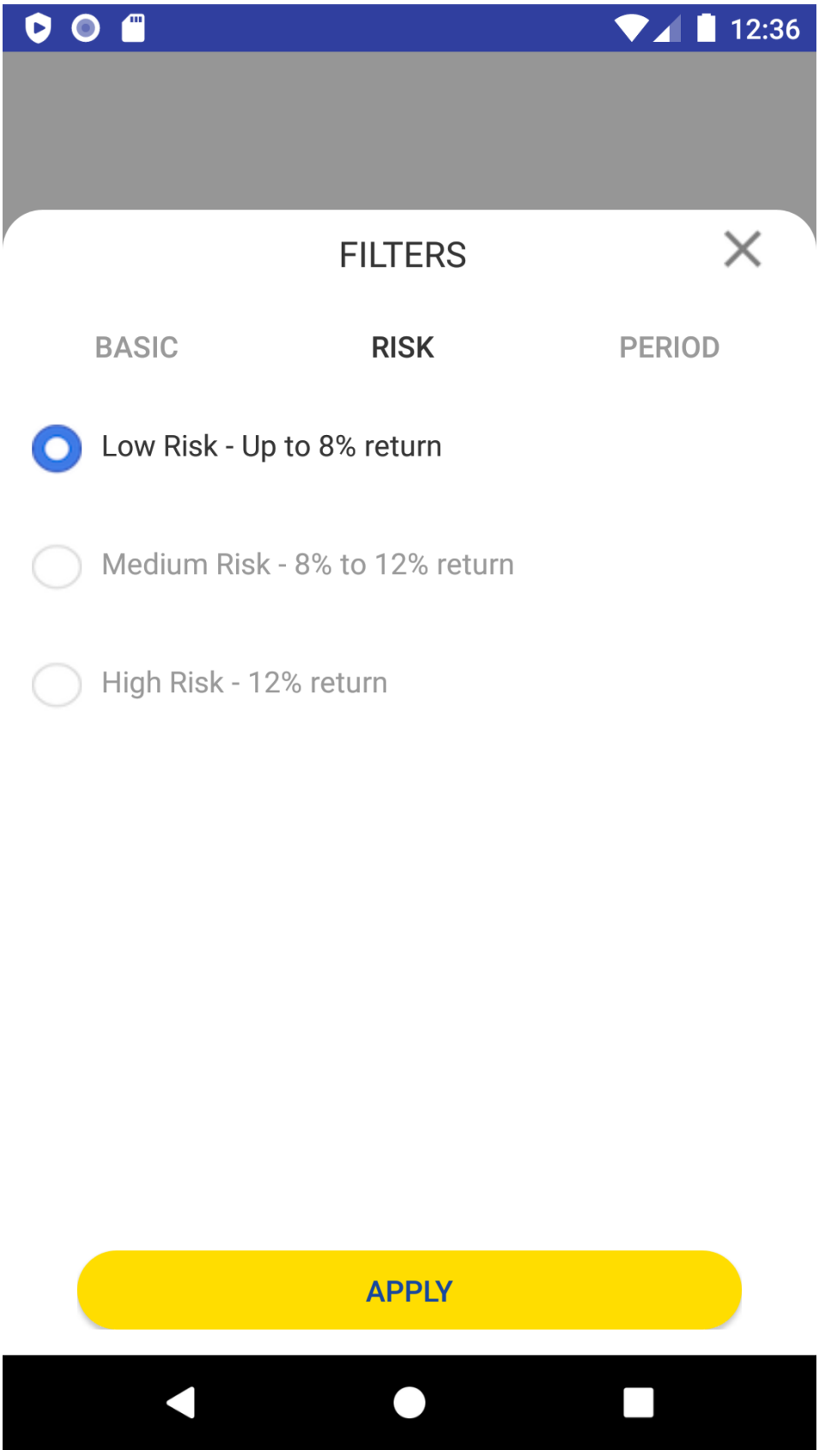
12. Search Screen



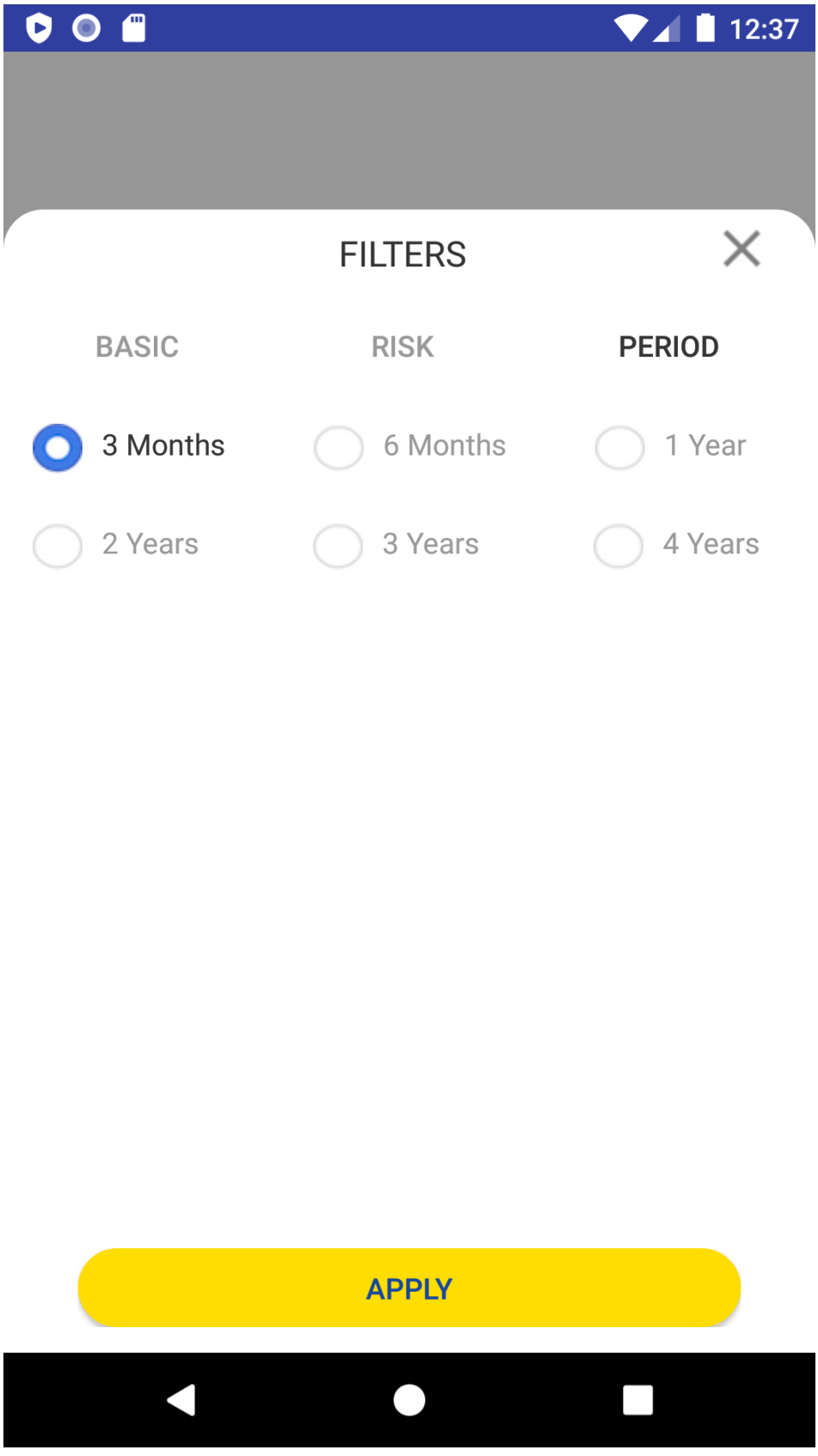
13. Filter Screen (Basic Filter)



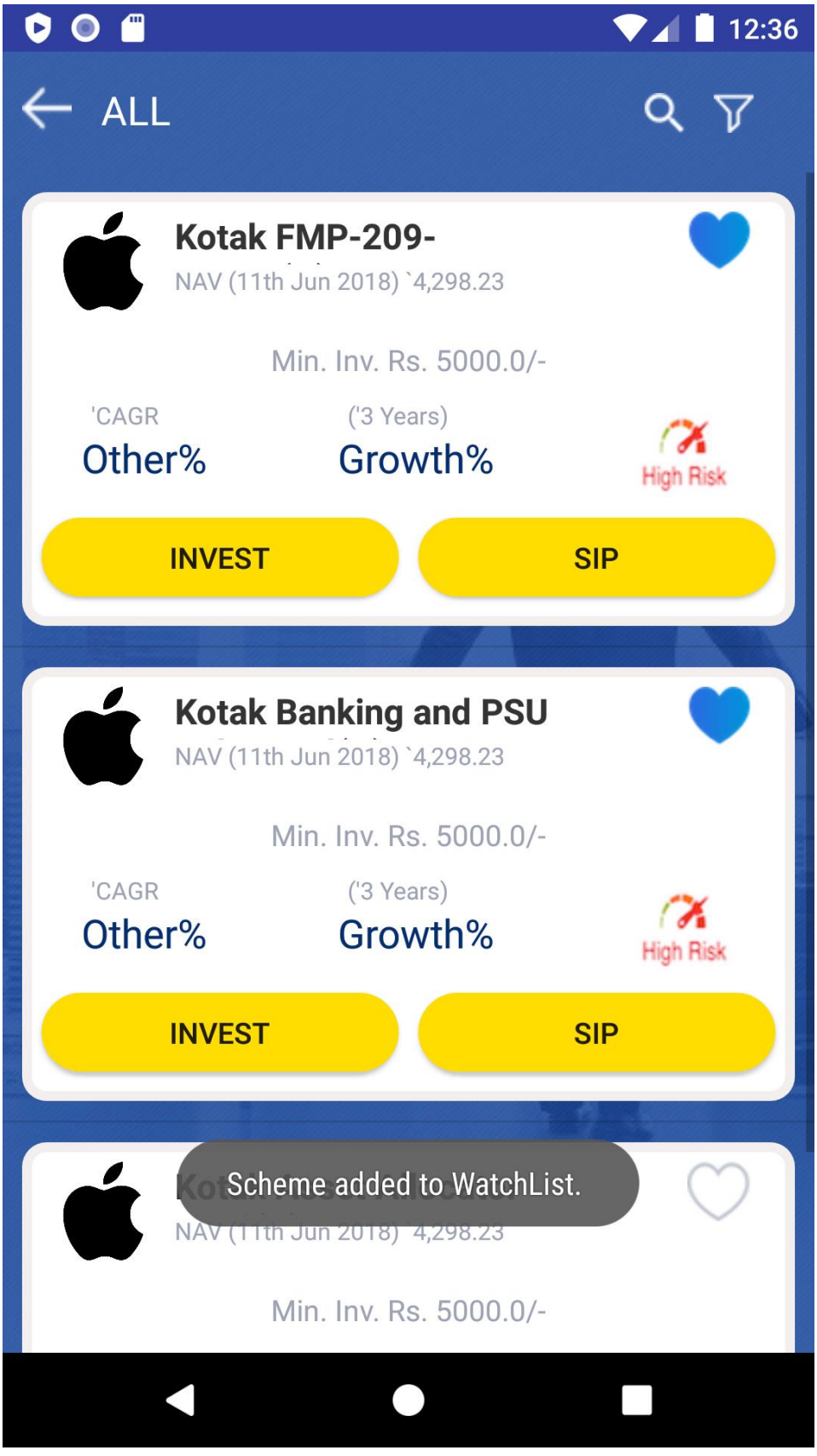
14. Filter Screen (Risk Filter)



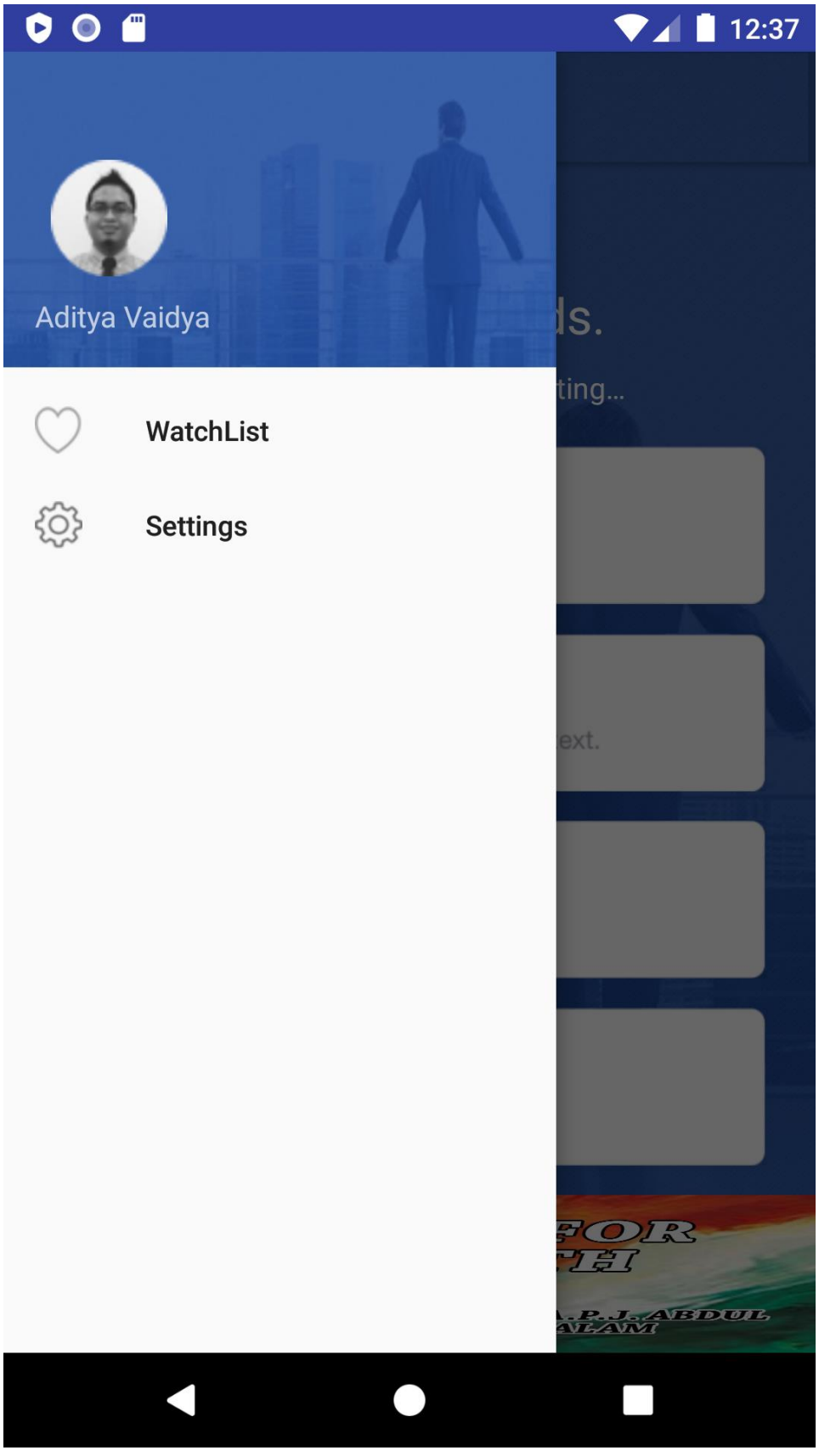
15. Filter Screen (Period Filter)



16. Add to Watchlist Button

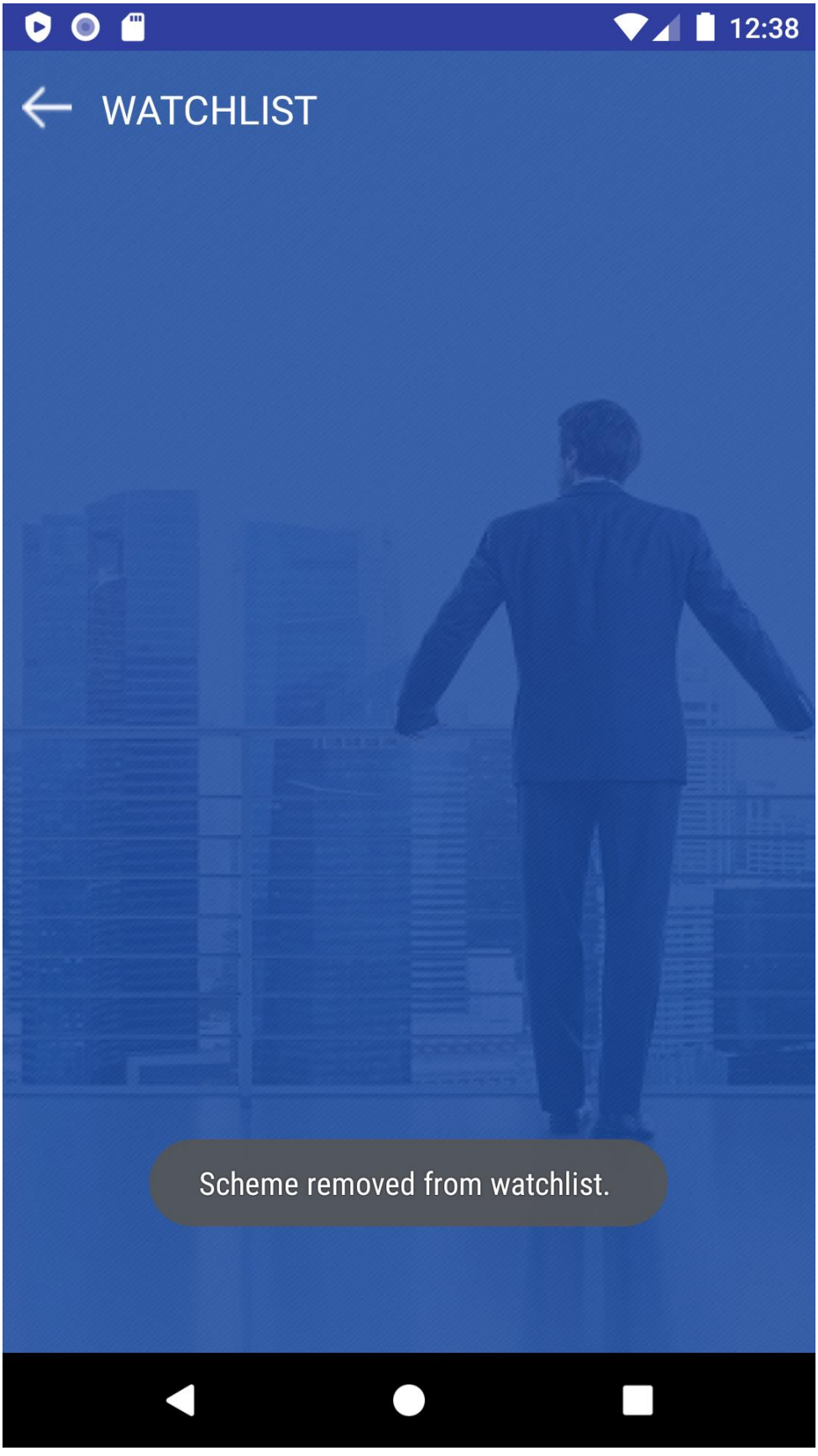
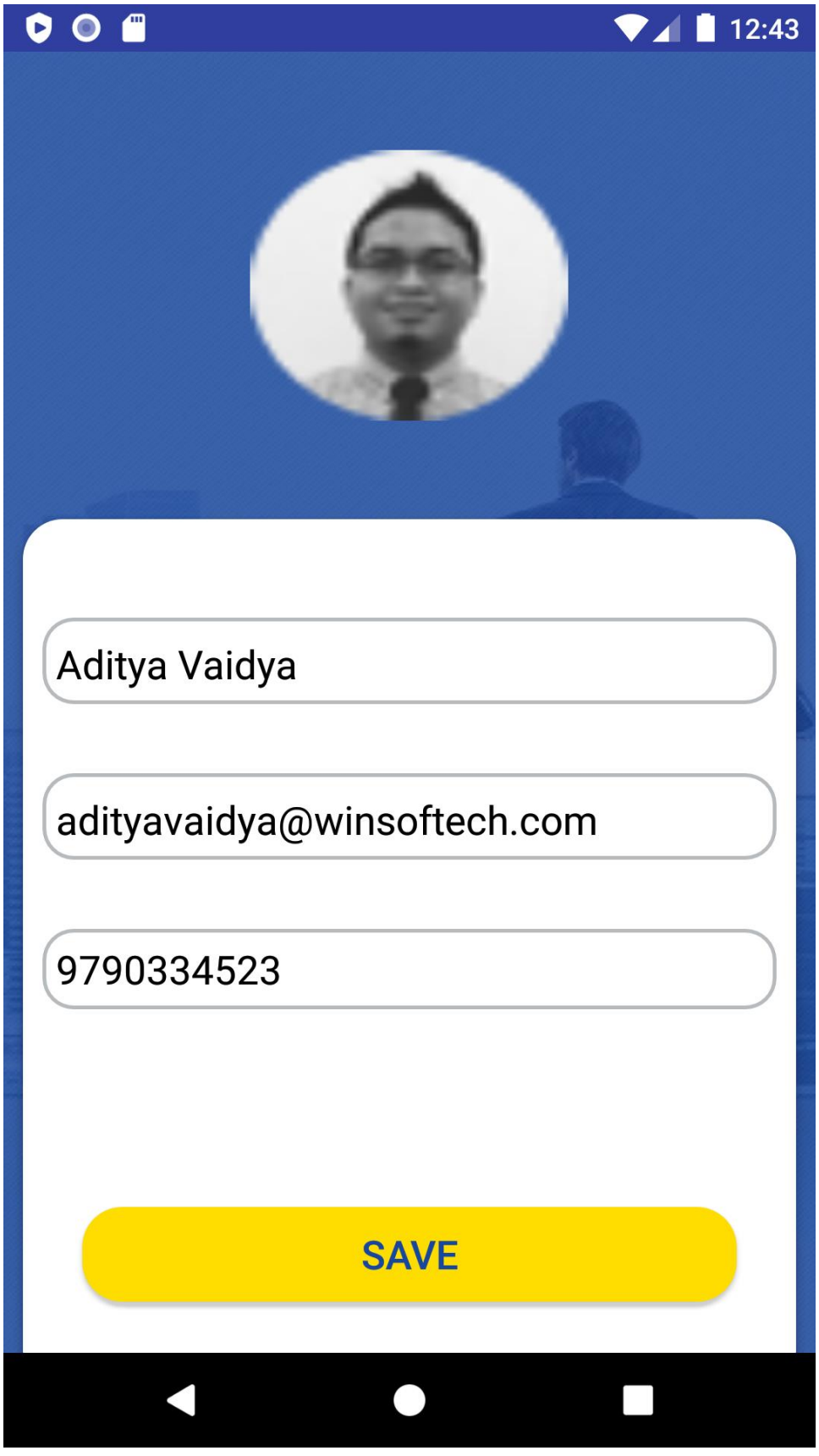


17. Side Menu Screen



18. Watchlist Screen

19. Remove from Watchlist Screen



20. Profile Setting Screen