ITE 2152 - Mobile Application Development

User Manual-News Paper Distributor App

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1 Introduction

1.1 Purpose

This project is created for newspaper Distributors. It helps newspaper distributors efficiently deliver newspapers to subscribed users within an assigned area. This interactive mobile app provides a user-friendly interface and essential features to streamline newspaper distribution. It enables newspaper distributors to manage their trips, view delivery locations, track their current locations, and maintain proper delivery records.

Drive Link-
https://drive.google.com/file/d/1FLW6fb5GJo6xmPj0lTBgKgnRHsn6xIfR/view?usp=sharing,https://drive.google.com/drive/folders/1jHNFE3A44WE6wJ9AjgRI-AJelpbpImP1?usp=sharing

1.2 Features

The Newspaper Distributor Mobile Application is designed to provide newspaper distributors with different features to efficiently manage newspaper deliveries. These are the key features of the application:

- Protected Login
- Map Integration
- Offline Map
- Present Location Tracking
- View Complete Orders
- View Pending Orders
- Communication with Subscriber
- Update Manually and automatically
- View Trip details

2 System Summary

2.1 Technologies

- Android version 8.1
- Java Language
- Json
- XML
- PHP
- SQL Lite Data Base
- Android Studio 2022

2.2 Hardware and Software Requirements

- Minimum Android version should be 5.1.
- Smartphone with Android operating system
- Minimum RAM 2GB
- Minimum Storage 16GB

3 How to Install the app

3.1 How to install the app

- First, we need to download the App apk file from the google play store.
- Install the app on your mobile device.

3.2 How to Use the App

- Click the Mini app icon to run the app.

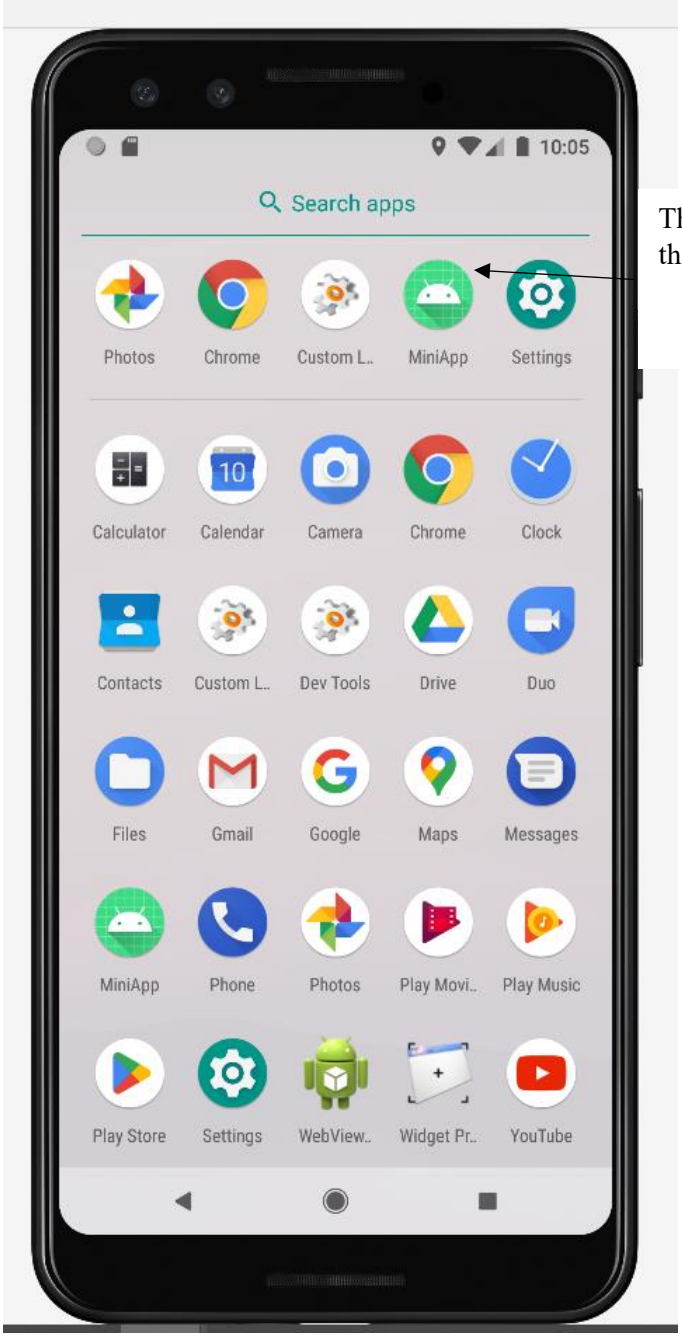

Figure 1 App

- Enter the correct username and password in the correct format.
- Then click the Login Button for the login to the app.

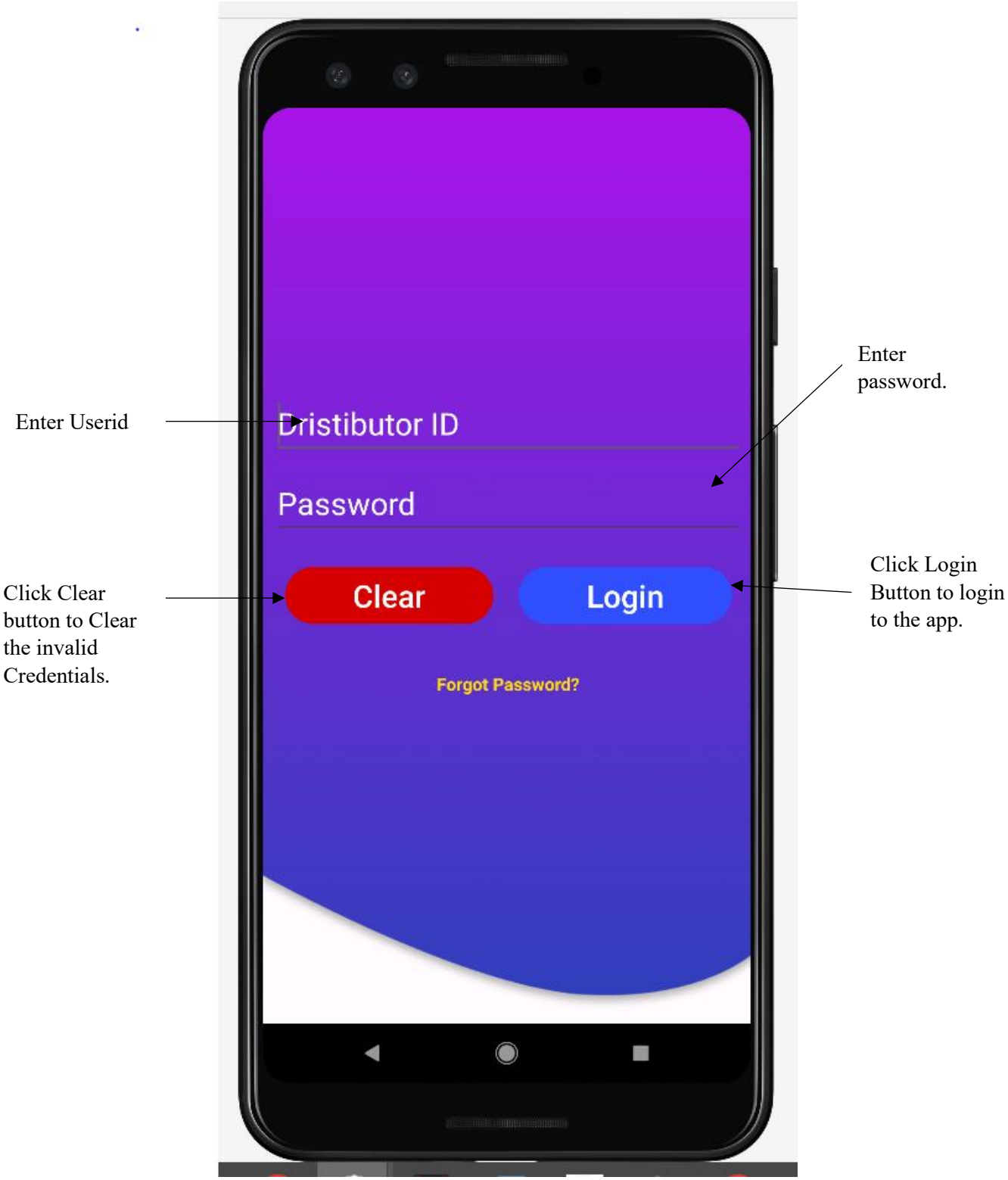

Figure 2 login

- The dashboard of the newspaper delivery app opens with a greeting. The greeting on the dashboard of the newspaper delivery app is a welcoming touch that sets the tone for a positive

user experience. Once inside the dashboard, users are presented with four options: view map, sync map, update, and logout. These options allow them to navigate the app with ease.

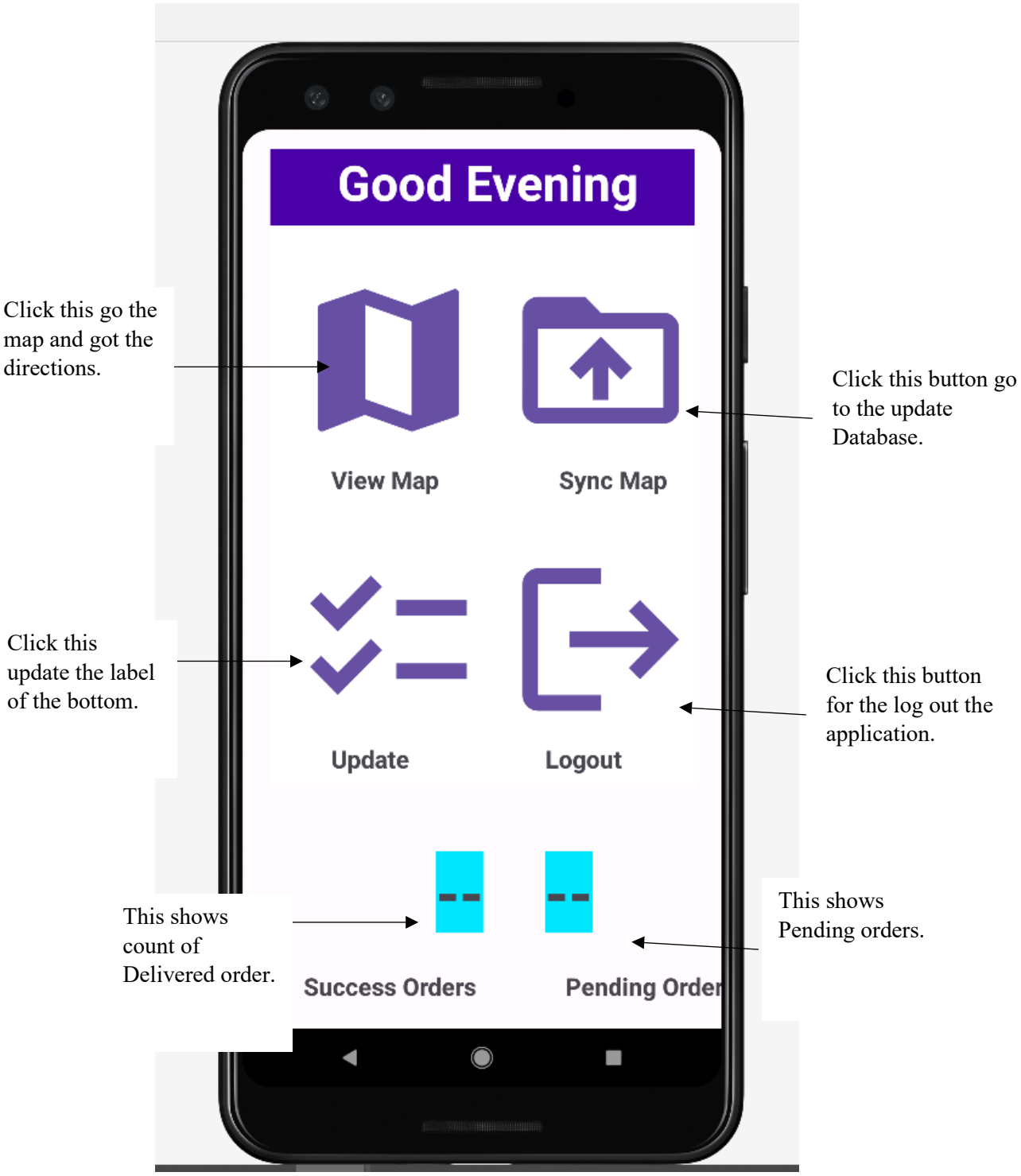

Figure 3 Dashboard

- The view map option provides a visual representation of the delivery locations. When the user enters the "View Map" option, they can see a map with ordered places highlighted in red.

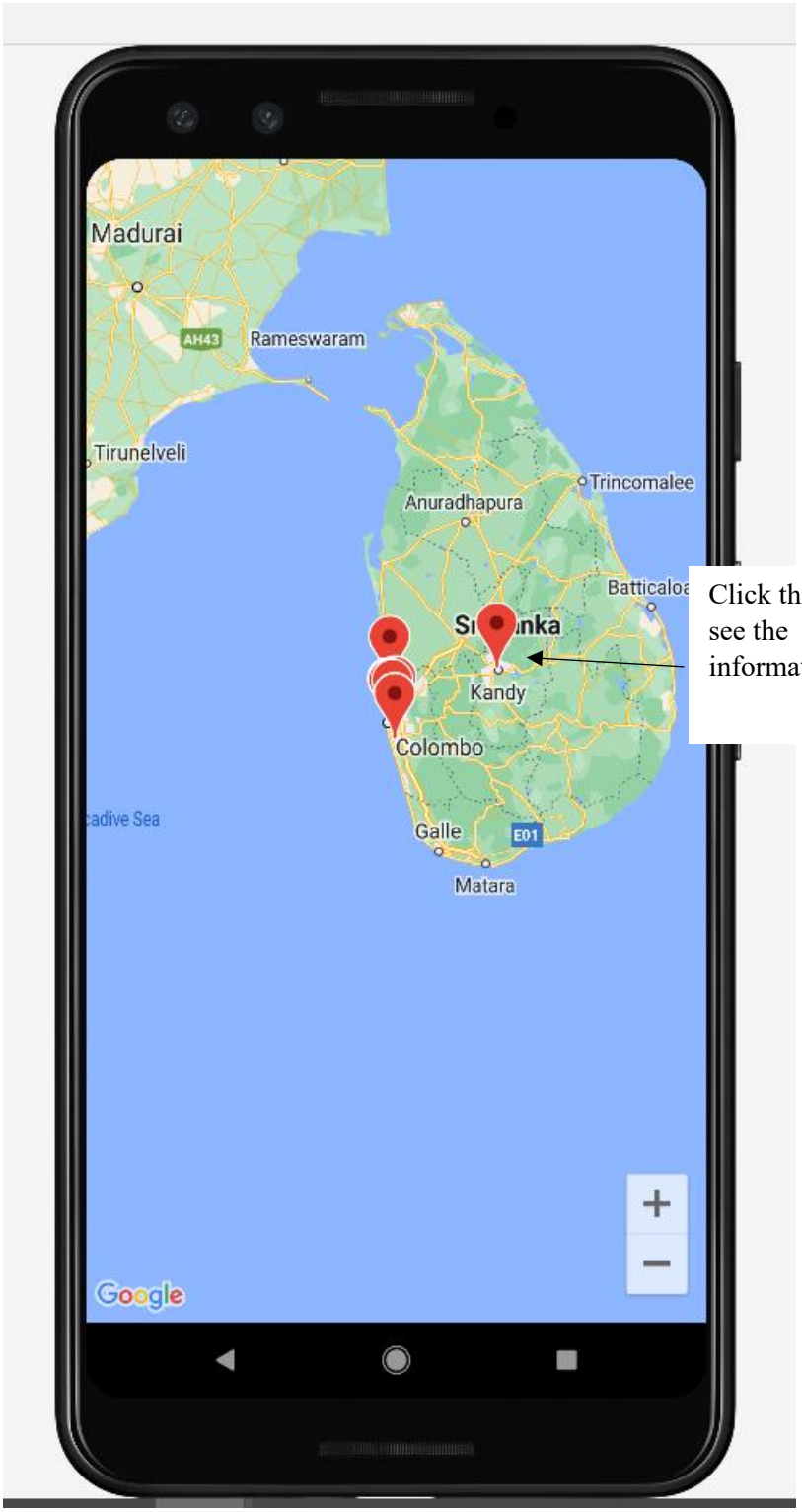

Figure 4 Map view

- After selecting a red tag, it provides the subscriber's details: address, mobile number, which newspaper they ordered, validates the time and the delivery status, and inside the View map option there is one more option which is “close options". It is assigned back to the dashboard.

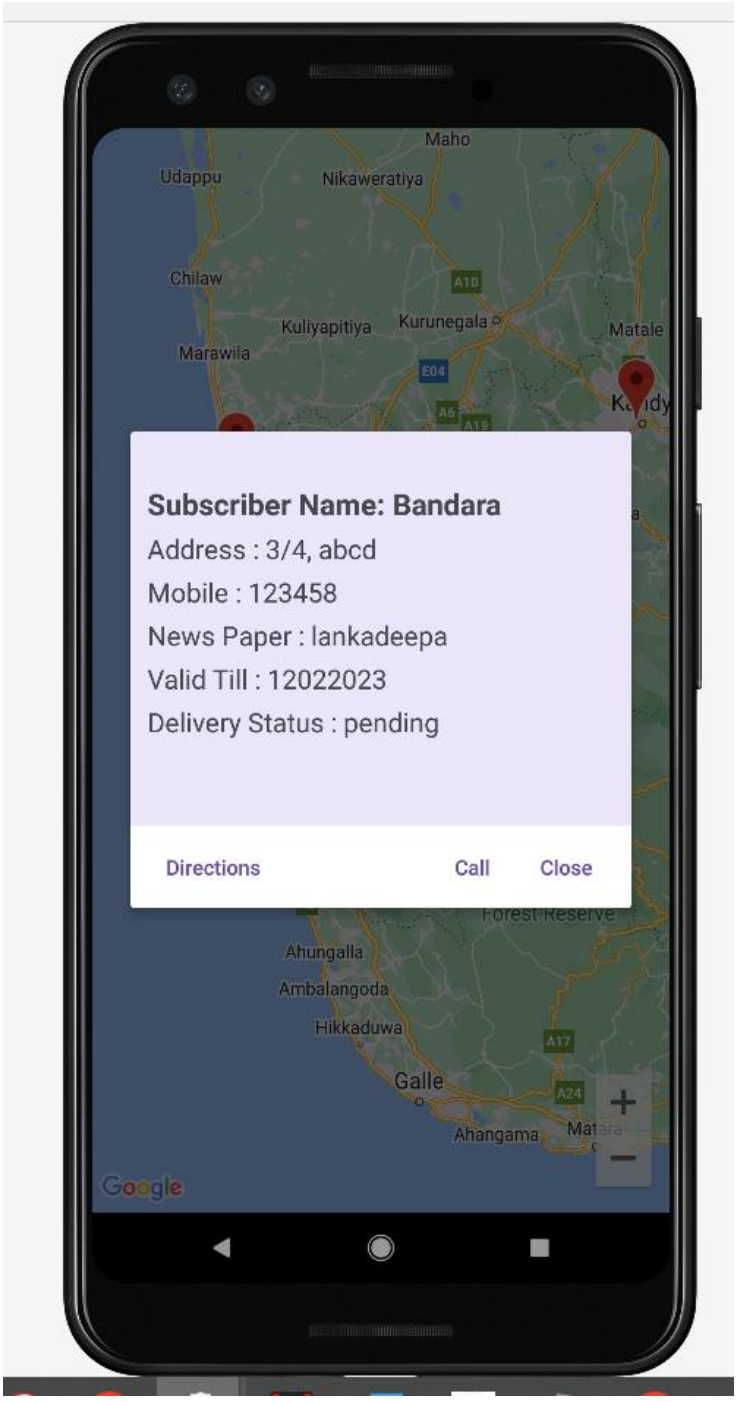

Figure 5 Popup window

- The second option of the dashboard, the sync map option ensures that all data is updated in the database.

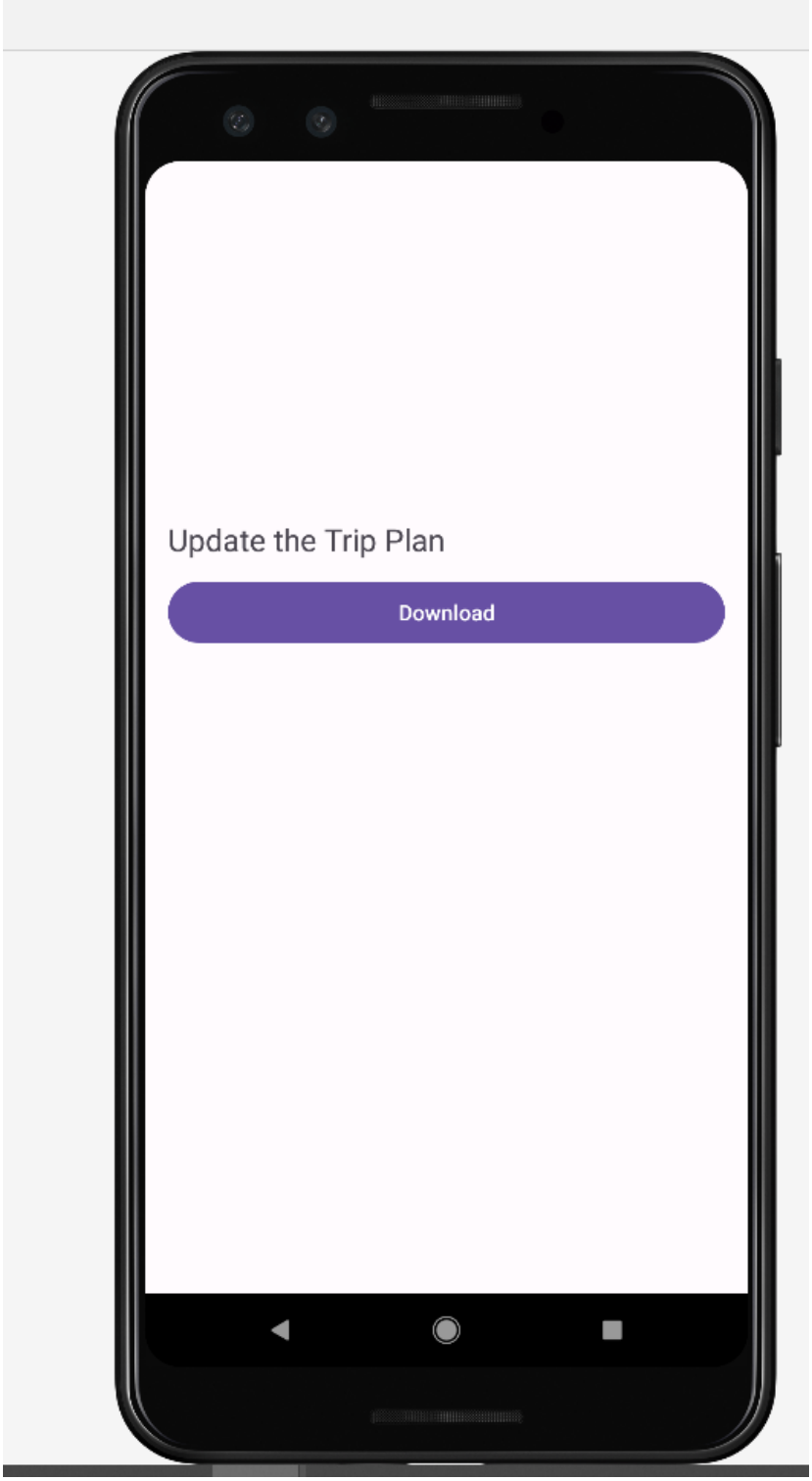

Figure 6 Update Database

- After entering the sync option it automatically updates the trip plan and provides a download file with an alert whether they are updated successfully.

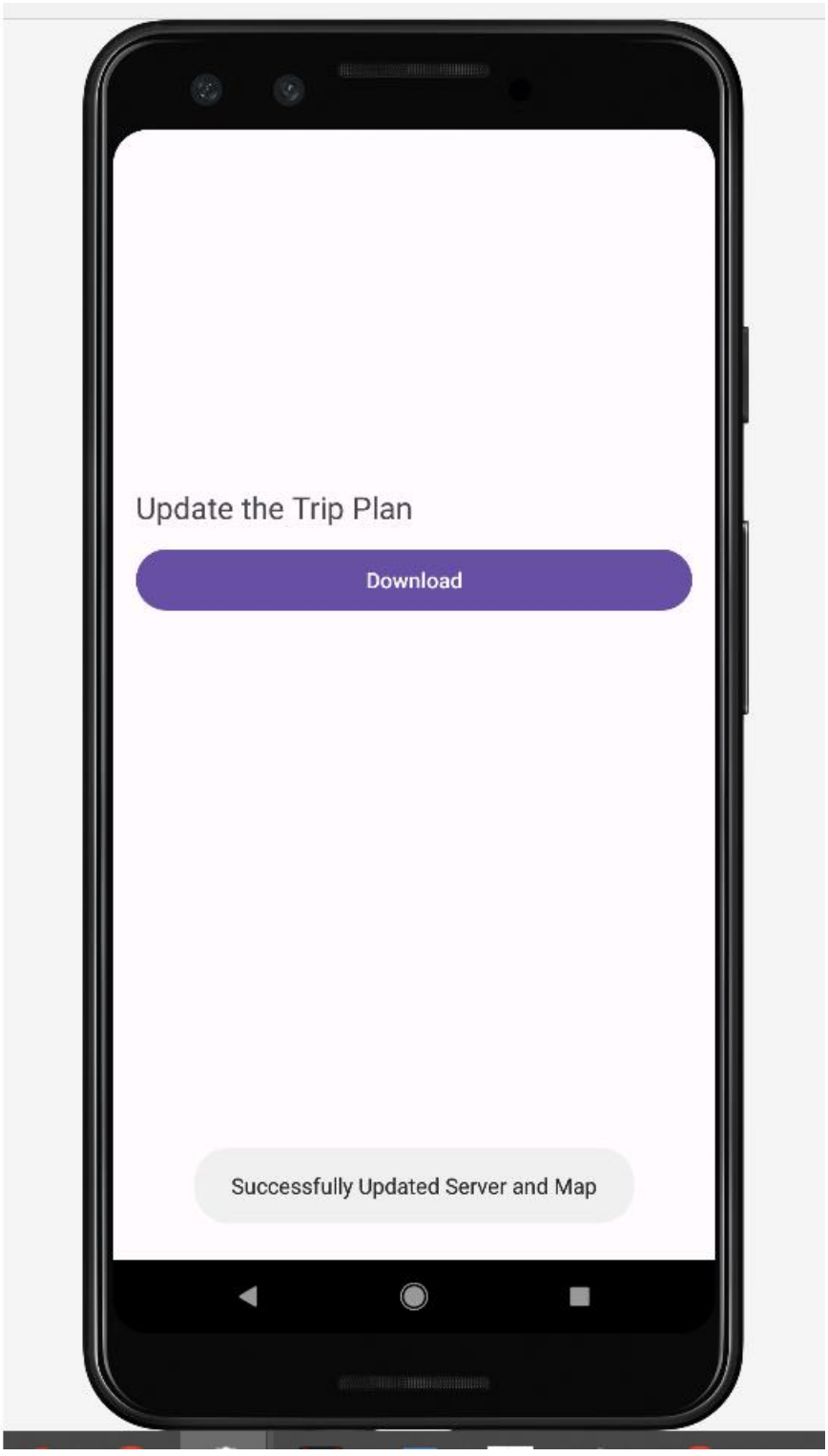

Figure 7 Completed Update

- The third option is the update option, which lets users know about successful and pending orders at the bottom of the dashboard.

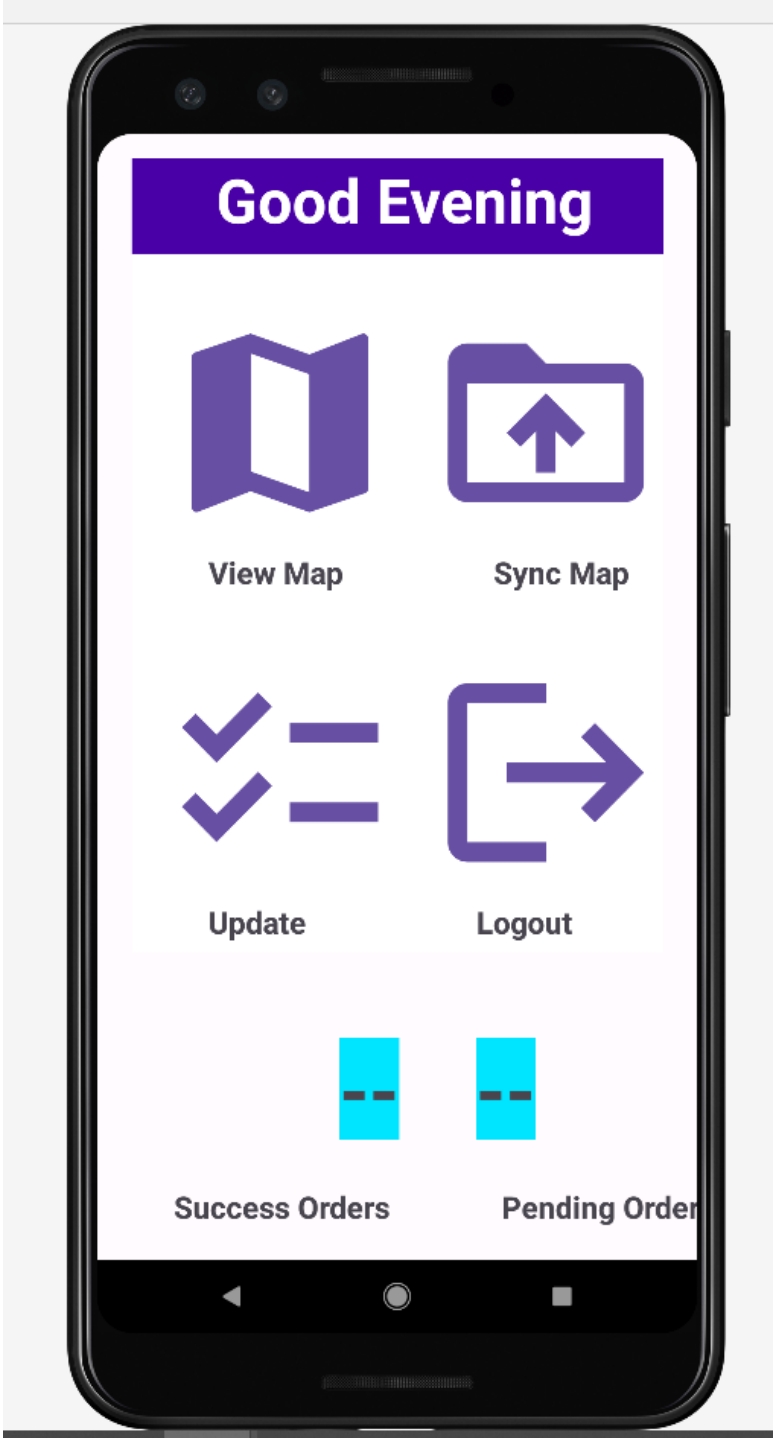

Figure 8 Update labels

- After clicking that button, Labels are updated and show the successful and pending orders.

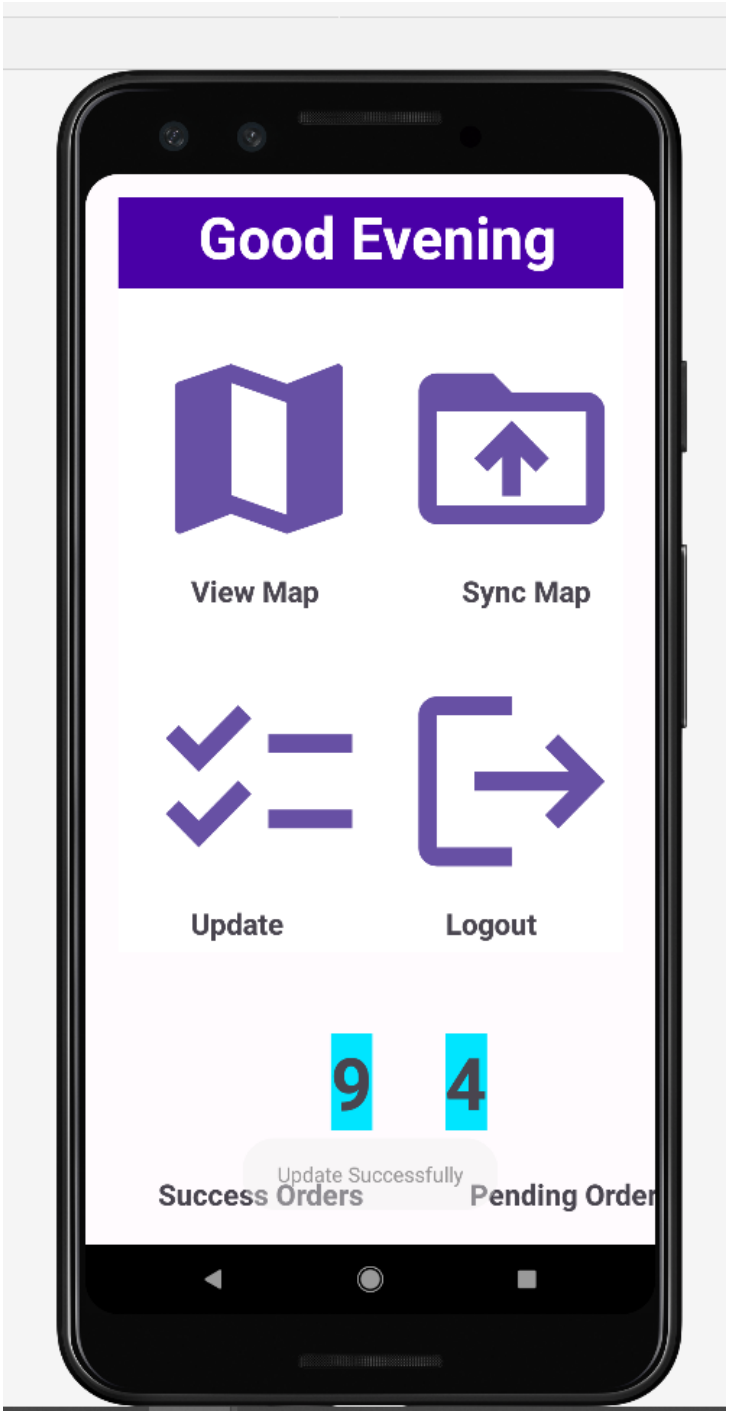

Figure 9 Successfully Updated

- The last one is the logout option which offers a quick and easy way to exit from the options and go back to the login page. Each of these options is designed with a unique modifier that enhances its functionality and usability.

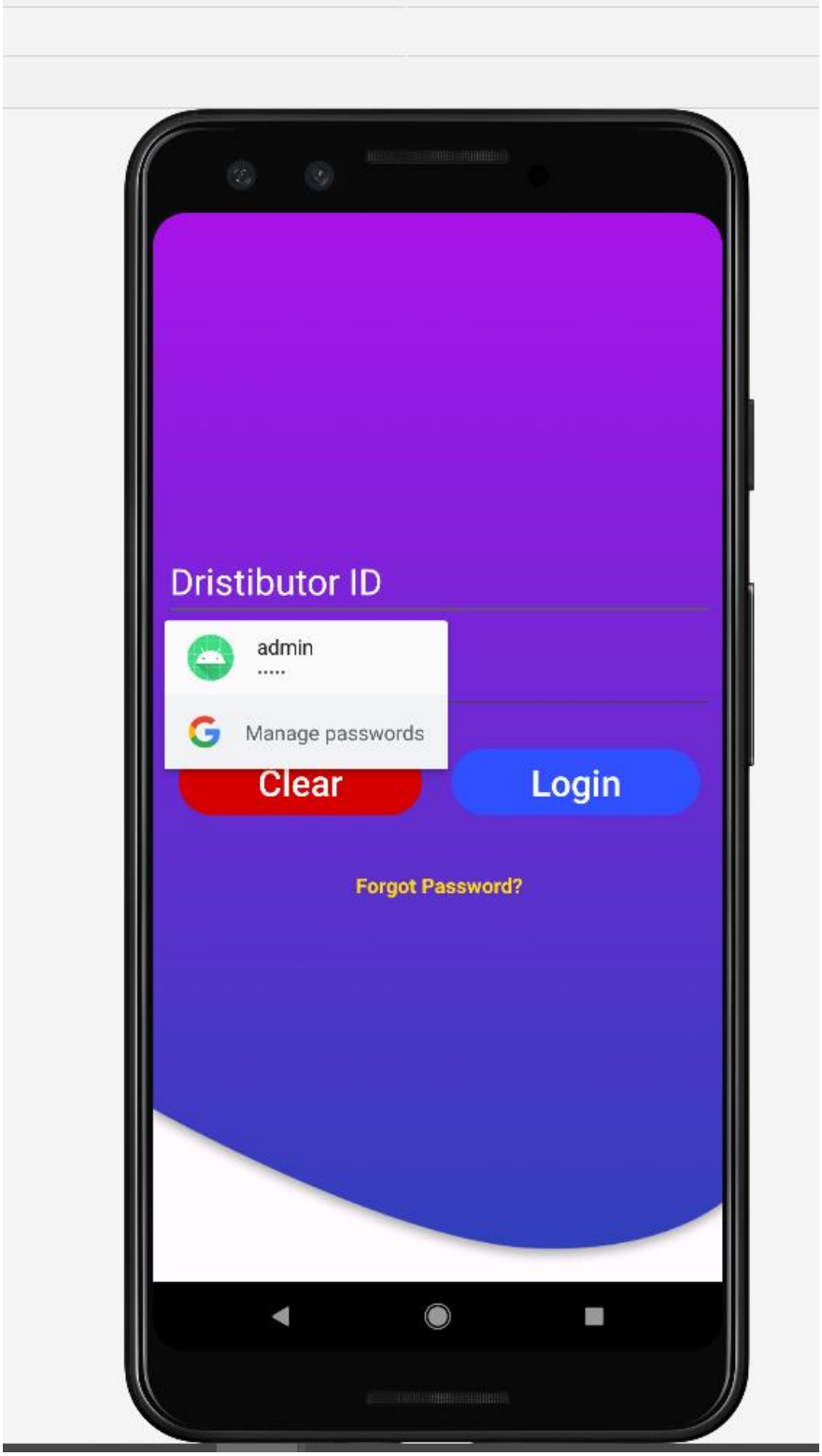

Figure 10 Login