Reimagining Voice as a feature for Banking

TEAM INVOSIST -B

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Overview

1 **Reimagining the Banking System by using Voice as a feature.**

2 **Creating an optimized UI Android application catering to the need of users of all age groups.**

3 **Greater convenience, Safer authentication, Lower risk and broader reach.**

Project Objective

Hello Everyone, as we know nowadays voice banking is playing a significant role in terms of banking as it leads to safer authentication, great engagement, fast and easy access. So, we have designed an android application to reform the features of voice banking for the Kotak Mahindra Project "Reimagine the way we bank"

Problem Solution Overview

In this application we took into consideration – people of all age groups and the problems they face while banking. So, we have come up with the solutions for each problem faced by them.
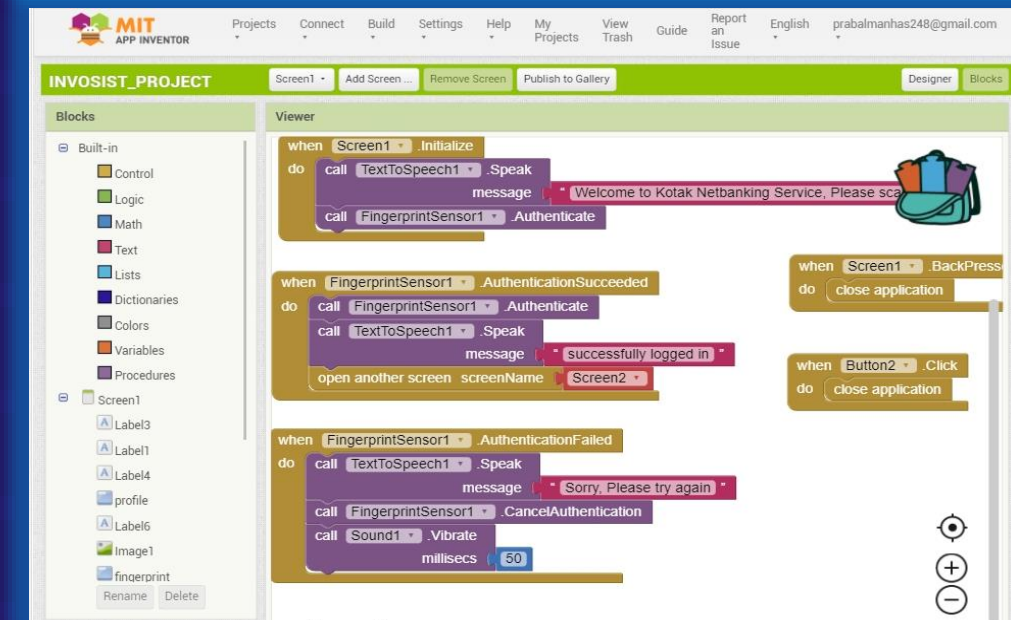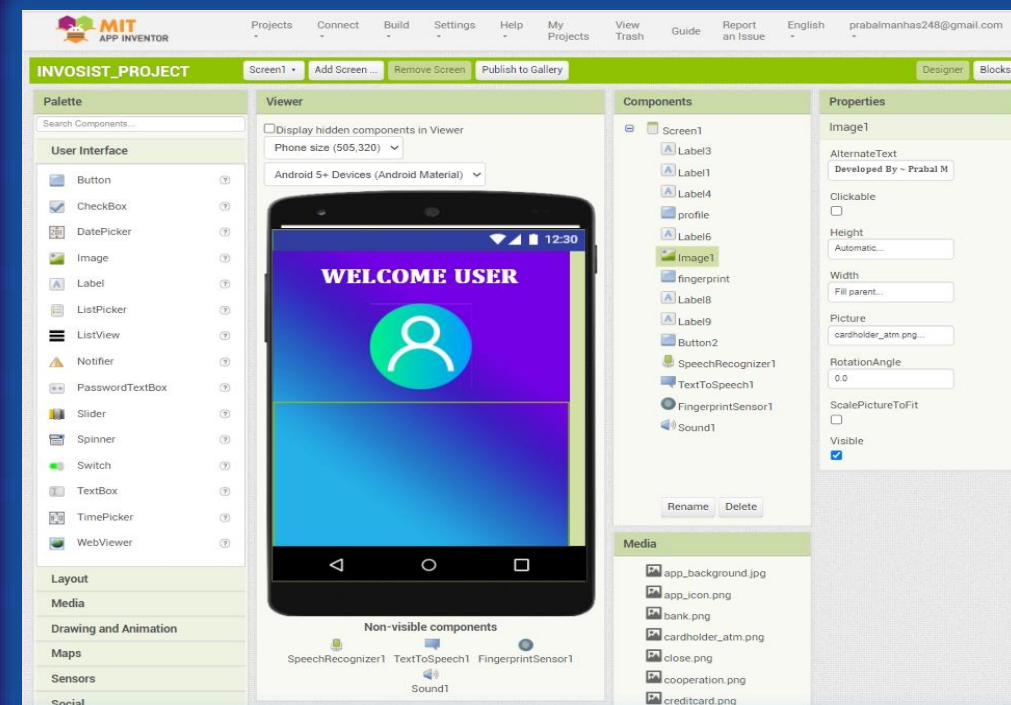
Some people find it difficult to remember the password, or are unaware of creating a strong passwords (consisting of symbols, 8 characters atleast etc.) so for old age people we have added the biometrics lock in the application so that it is easily accessible for them as well as maintaining the security of their bank accounts.

Also we have designed an optimized UI for the application, consisting of all the frequently used options such as registration and login, ATM Branches near me, find lost card, safety tips for users at one place, so it will be easy for customers to manage the tasks, thereby saving time and resources.
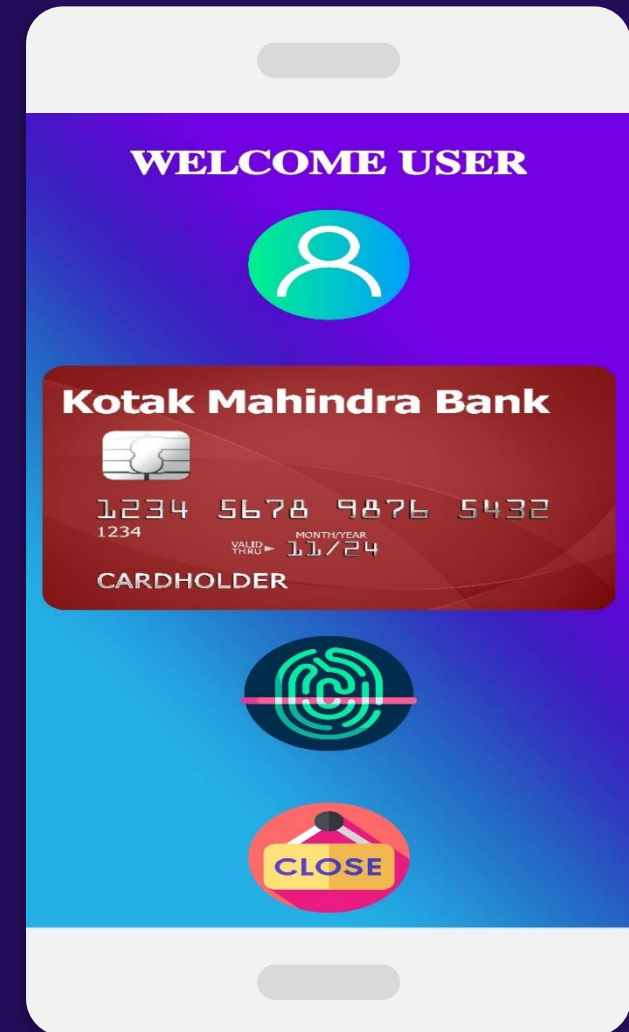
Developer Tools Used

➤ **MIT App Inventor :** For building the android application for the project

➤ **Adobe Photoshop :** For designing the icons and Application UI

➤ **MIT Extensions (https://mitcml.github.io/extensions/):** for the integration of google maps, voice assistant and biometric data in application for security

Process Flow

➤ **On the execution:** the application will first prompt the user to scan his/her fingerprint and then match the data with the the biometrics data already stored on the user's device.

➤ **If the fingerprint data gets matched will the stored biometric data:** It will grant the access to the application interface otherwise, will stop working with a error code and beep sound "Sorry Try Again". So third parties cannot gain unauthorized access.
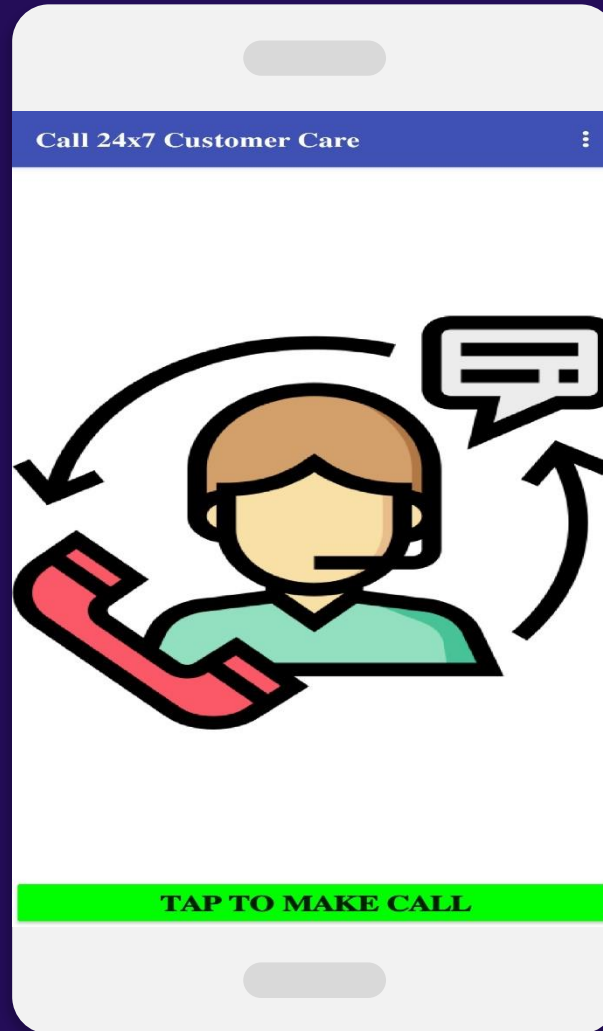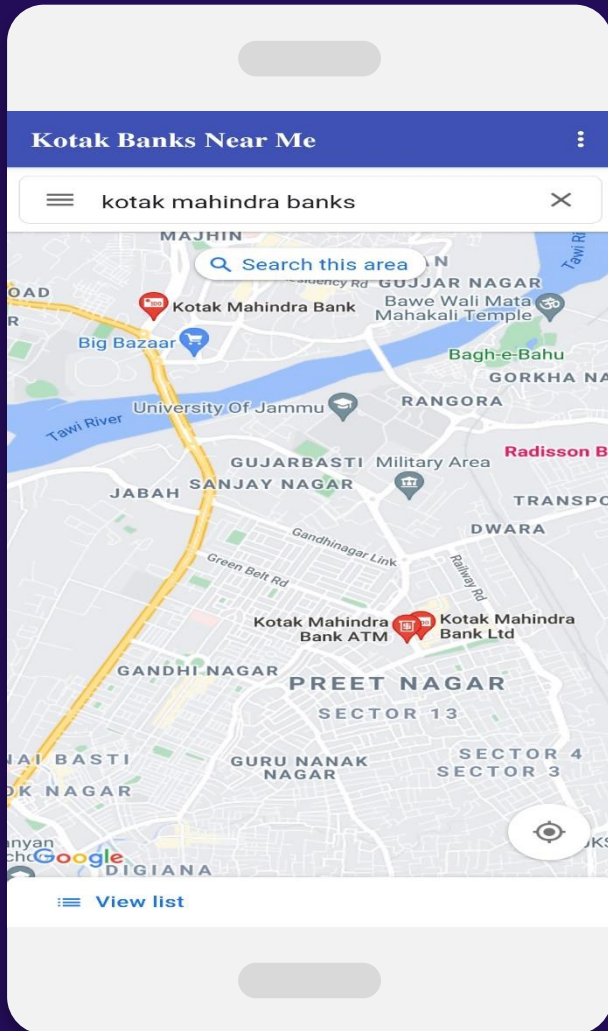
Process Flow

➢ **After Successfully getting logged in:** The user will be redirected to the main user interface of the application consisting of frequently used options

➢ **Such as** login, registration, ATM's near me, customer care, find/report lost ATM card etc. all at one place with easy and optimized interface for ease of access.

➢ **Also a voice assistant will be helping the customers:** for each and every option they select, in order assist people who are not well aware with the e-banking application.
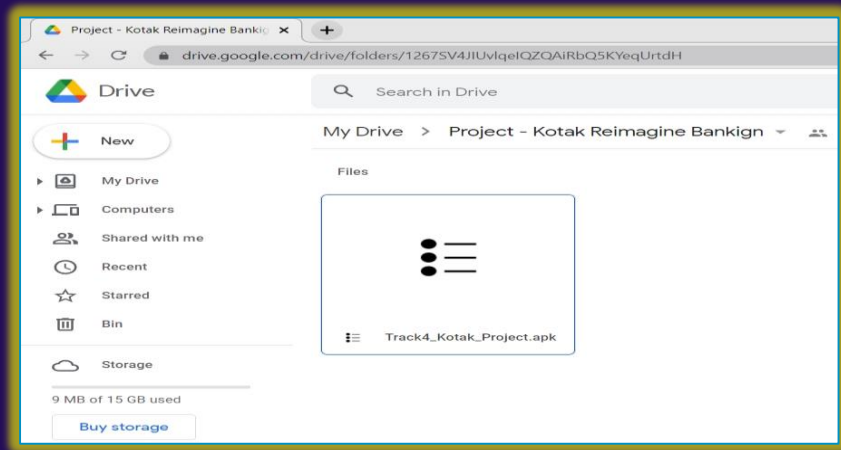
Application Interface:

Instructions for downloading and running the project

The *Project .apk* named as **"Track4_Kotak_Project.apk"** has been uploaded in the *google drive folder* named as **"Project - Kotak Reimagine Banking"**
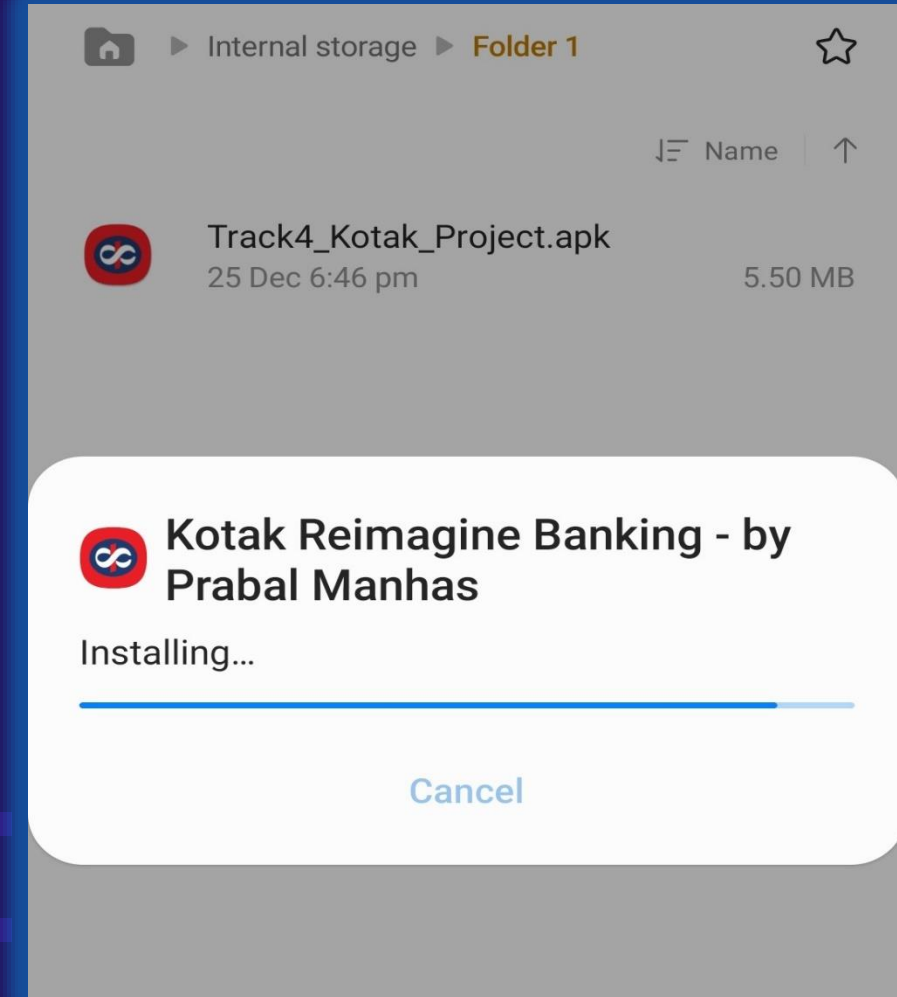

✓ **Click the Link Below to download the .apk file: (Kotak_Reimagine_Banking)**
https://drive.google.com/drive/folders/1267SV4JIUvIqeIQZQAiRbQ5KYeqUrtdH?usp=sharing

Instructions for downloading and running the project

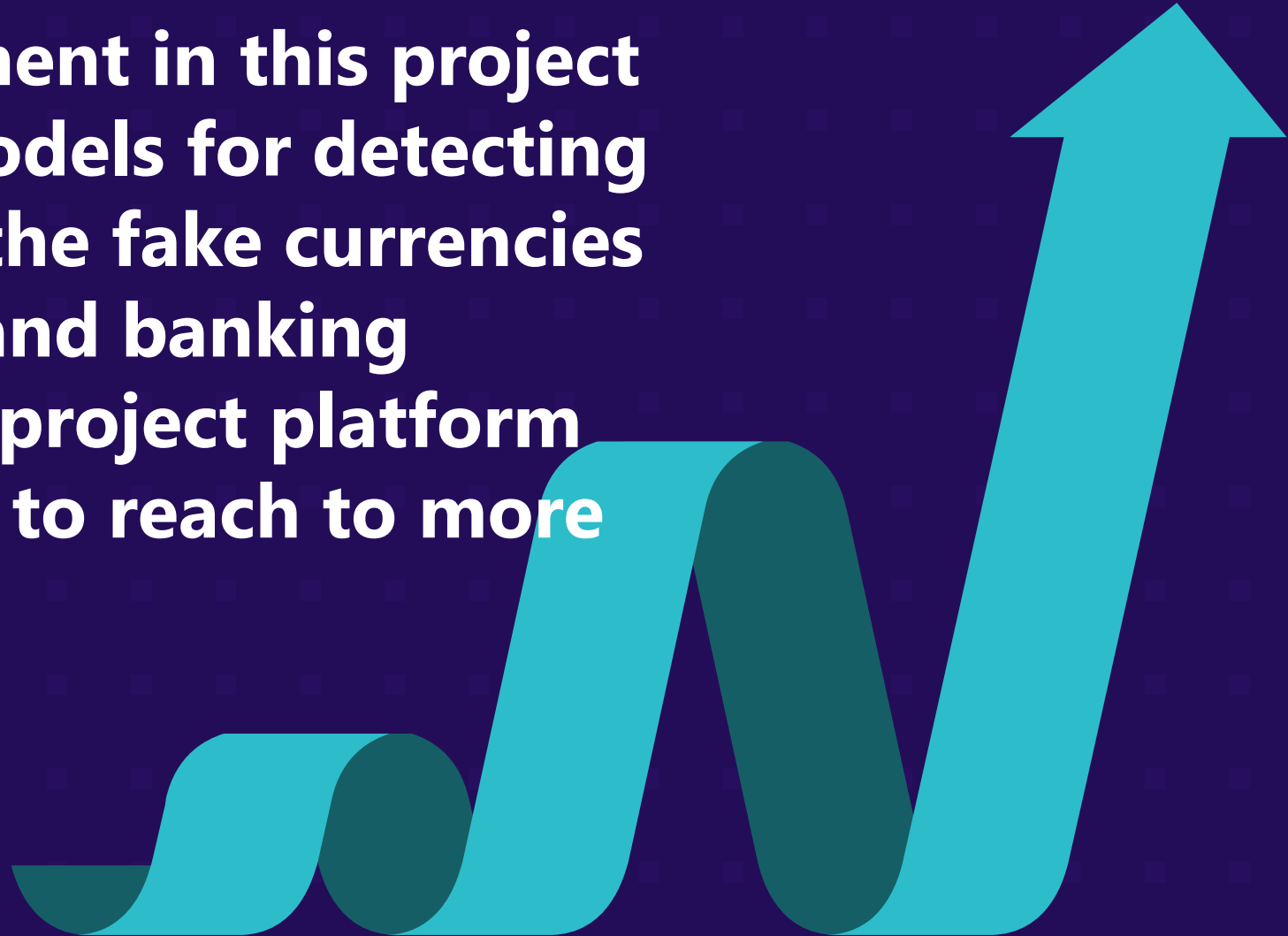➢ **After downloading the .apk file:-**

Open file manager on your android device, locate the destination folder and click on the downloaded .apk file and tap install.

Note:- If during installation process any popup appears then make sure you turn on the option **"allow installation of apps from other sources"** before the installation

Possible Future Enhancements :-

Some possible enhancement in this project can be training the AI models for detecting the currency (recognize the fake currencies in order to avoid scams and banking frauds. Also making this project platform independent will help us to reach to more audience

Thank You