Capstone Stage 1 - Mohamed ALi

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EGY BANKS TEST

Description

This App Helps Egyptian Graduated People to Pass The Local Banks Selection Exams (Firstly it will contains tests of two banks - Banquemisr and Alahly). It Simulate These Tests And Contains Some Quiz In IQ, English And Banking ..etc

Intended User

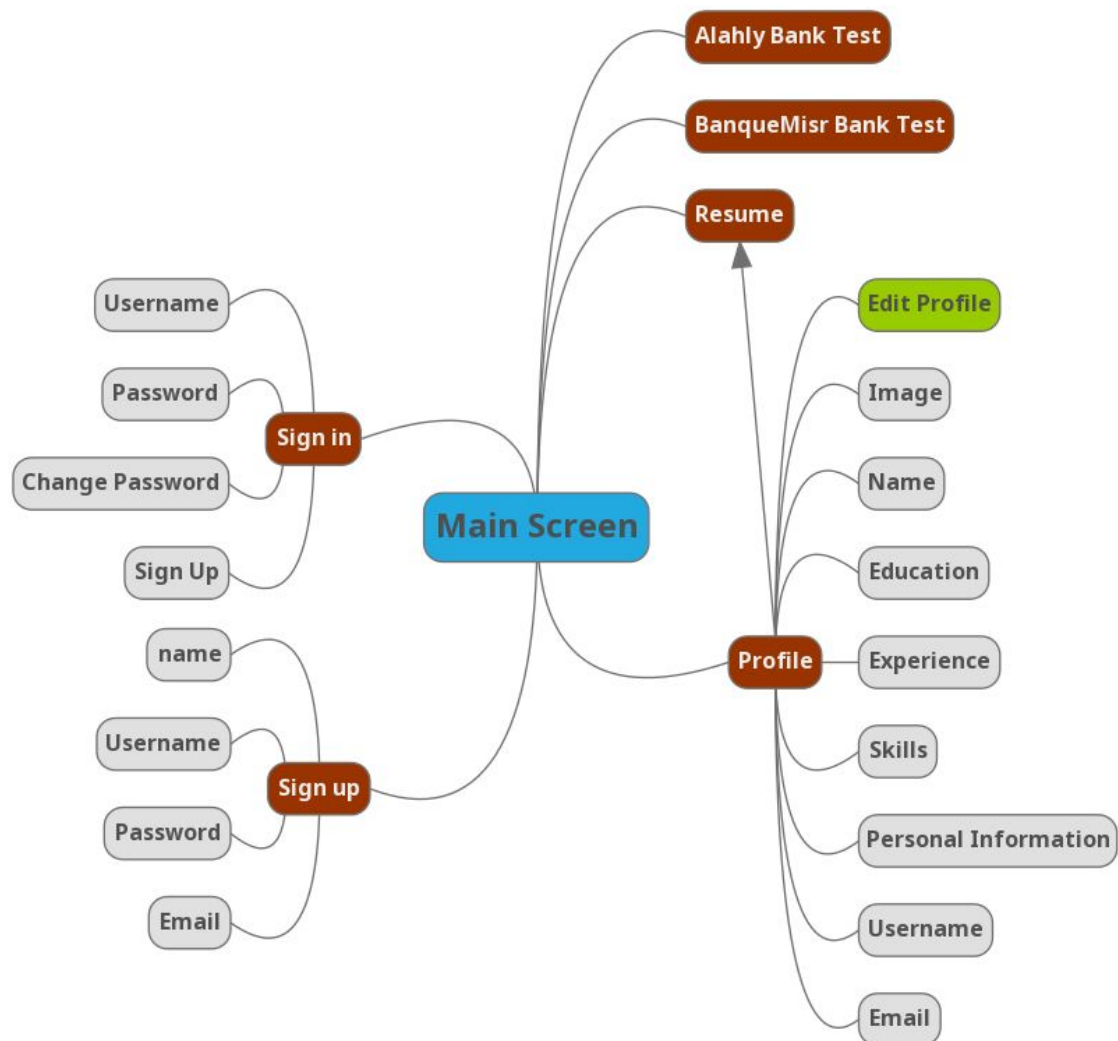Egyptian Graduated who looking to work on local bank

Features

- Simulate Bank Misr and Al ahly Selection Test.
- Contain Resume for Intended User.
- Contain Login And Registration.
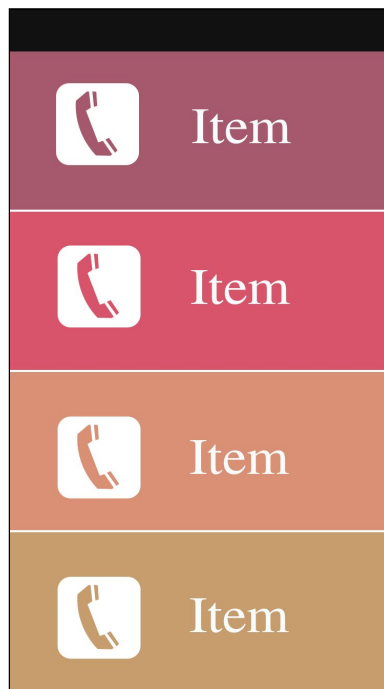- Can Show Other people User Resume.

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

App Chart:

Screen 1 - Main Screen

the main menu:
It contains items that the user navigate to it like Resume, Login , Logout, Specific Quiz.

Screen 2 - Sign up

Registration Screen

name

password

password again

Email

Experience

Education

Skills

sign up

Sign up Page

Screen 3 - Login Page

Login Page

username

password

log in

Login Page

Screen 4 - Resume and profile page

username

Personal Information:
details

Experience:
details

Education:
details

Skills:
details

Screen 5 - Bank Test Page

البنك الأهلي المصري
NATIONAL BANK OF EGYPT

English

IQ

Technical

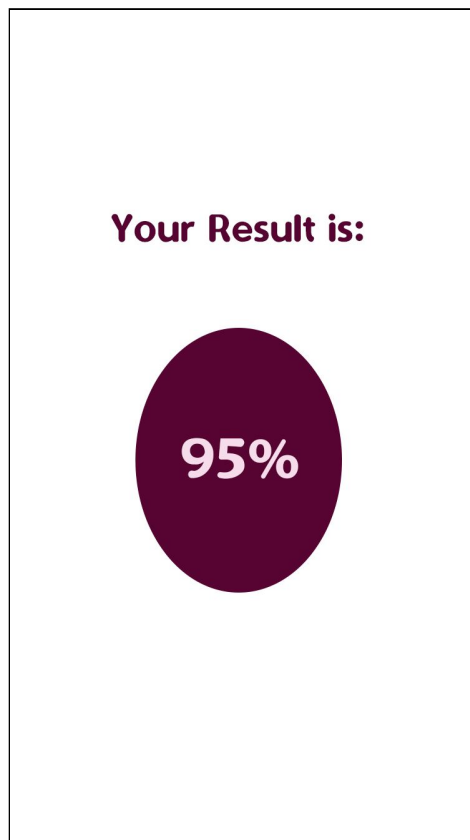**Screen 6 - Quiz Page**

the question text is here ?

choice

choice

choice

choice

Next Question

this screen shows the simulation test

Screen 7 - Result Screen

Your Result is:

95%

Key Considerations

How will your app handle data persistence?

the app contains quiz session that will saved in SQLite database by content provider. the quiz questions and answers, authentication and user profile will saved in firebase database.

Describe any edge or corner cases in the UX.

-   Since the app will use sessions with quiz, The Quiz screen need to continue the session when the user restart the phone.

Describe any libraries you'll be using and share your reasoning for including them.

Picasso: It's good to use a great library to retrieve photo from the internet. I will use it on retrieve and show user profile image.

Describe how you will implement Google Play Services or other external services.

I will use Firebase services:
- **Auth**: to make sign in and sign up in the app
- **realtime database**: to store data like questions and resume info.
- **cloud hosting**: to save users profile images.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

- Start new Android studio Project.
- configure style and color.
- look for good font add it to assets.
- add required dependencies.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity.
- Build UI for EditProfileFragment and ShowProfileFragment.
- Build UI for ShowResume Fragment.
- Build UI for QuizFragment
- Build UI for singin and signup

Task 3: Create Adapter

- Create MainScreen Recyclerview Adapter

Task 4: Create Database Classes

- Create All wanted classes for database
- Create Content Provider

Task 5: Create the fragments

- Create EditProfileFragmen.
- Create ShowProfileFragment.
- Create ShowResume
- Create QuizFragment

Task 6: Initialize the firebase services

- handle login and logout (Auth).
- handle realtime database.
- handle cloud storage.

Task 7: Create and initialize Bank Test Page

- create and initialize bank test page

Task 8: Create and initialize Result Activity

- Create and Initialize ResultActivity

Task 9: Finish the project
- Finish remaining steps.

Add as many tasks as you need to complete your app.

Submission Instructions
- After you've completed all the sections, download this document as a PDF [File → Download as PDF]
  - Make sure the PDF is named "**Capstone_Stage1.pdf**"
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:
- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"

- Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"