

Project Title : **QUIZ MASTER APP**

(Android M.Sc.(CA & IT))

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Chapter :-1 Introduction

This project is a mobile application of the Quiz app. Giving online quizzes is one of the techniques that enhance the knowledge of the person. This activity helps the user to know what and how much they have understood about a subject and a particular topic. A simple **Quizmaster App** that contains a set of curated questions and its answers and checks for the correctness of the answer given by the user. It navigates through the questions using dynamic programming and after that quiz user can see score card of the quiz which is based on the correct answer of the user. User can also share his/her score.

1.1 Introduction :

1.1.1 Project Definition:

"Knowledge becomes power only when we put it into some use so let's honour our knowledge by answering some simple GK questions" This is our motive behind the developing this type of quiz application. Quizmaster is a simple quiz application which enable user to test their general knowledge on various topic and subject. The app is very much user friendly so any person of the any field can check their general knowledge with the multiple choices question without Login and Signup. At the end of the quiz, a result-report is generated which states the score and user can share their score to their contact also which motivates them to improve and increase their general knowledge.

1.2 SYSTEM DETAILS:

1.2.1 PROPOSED SYSTEM:

In the Proposed system we providing facility of automated system of generating the quiz set for the user. There is total 20 question in the question set and the question is reshuffle in every next try. The question mainly based on the Indian culture, education, current affairs etc. User get 20 second timer to give the answer once user submit the answer then he/she can't change the answer and after completing the quiz user get score out of 20 and that score user can share with their contacts.

1.3 SCOPE OF THE SYSTEM:-

This system helps to check their general knowledge with the Multiple-choice question and there will be only 20 questions so it will not take much time of the user. Our aim is to enhance the general knowledge of the person.

- This system is for the users who are using Android based phones.
- Quiz sets are containing the question of the various fields like Indian culture, Education, Current Affairs.
- User Log-in or sign-up not require for the use of the application.
- User can only choose one option and submitting it user can't change the answer.
- Faculty can view the score-card and share the score to the contact.

1.4 OBJECTIVES:-

1. **No User Login/Signup:**

For using Quizmaster app there is no user signup or login required which help the user who are fearing that their data may be store and steal by the application. This will also help to decrease the data maintenance and updation of the data. Our main aim is to provide the of quiz without taking the user data.

2. **General Knowledge question:**

Our app is basically based on the general knowledge questions which is consist of several topics like Indian culture, current affairs, education etc. These questions are consisting of various data like Indian flag, education policies, Indian dance culture etc. This type of question helps the user who are preparing to appear into competitive exams.

3. Multiple choice question:

The question is in Multiple choice format(MCQ). So it is easy for any person from any background that helps them to enhance their general knowledge with simple and easy to understand interfaces. MCQ provide the facility of choosing one option among the given question. This may be tricky questions if some words are changed then the answer may change.

4. Quiz Timer:

There will be time limit to answer the question. In this app person has to answer the question in limited time like 20 seconds per question. If they are unable to answer the question, they cannot get the mark or points of that question. So, if user give all the answer in this time limit, then only user get the score report and accessibility of sharing the score.

5. Self-Assessment(View Score):

Another plus of application is getting immediate results from your participants. The participant gets his or her results after submitting all the answer. This makes it for the user easy to identify the gaps in knowledge. The participants are able to view on what kind of section they have to improve themselves.

6. Randomizing questions:

It is significantly easier to randomize your question with just one click than to do it all manually. Randomizing questions and even answers of those questions are not a lot of work to do with this application. Besides the advantage of time saving, it also helps preventing users from cheating. Every time when user start the application they will get the question in different sequence.

Chapter:- 2 Input / Output Design

1) Android Mascot(logo):



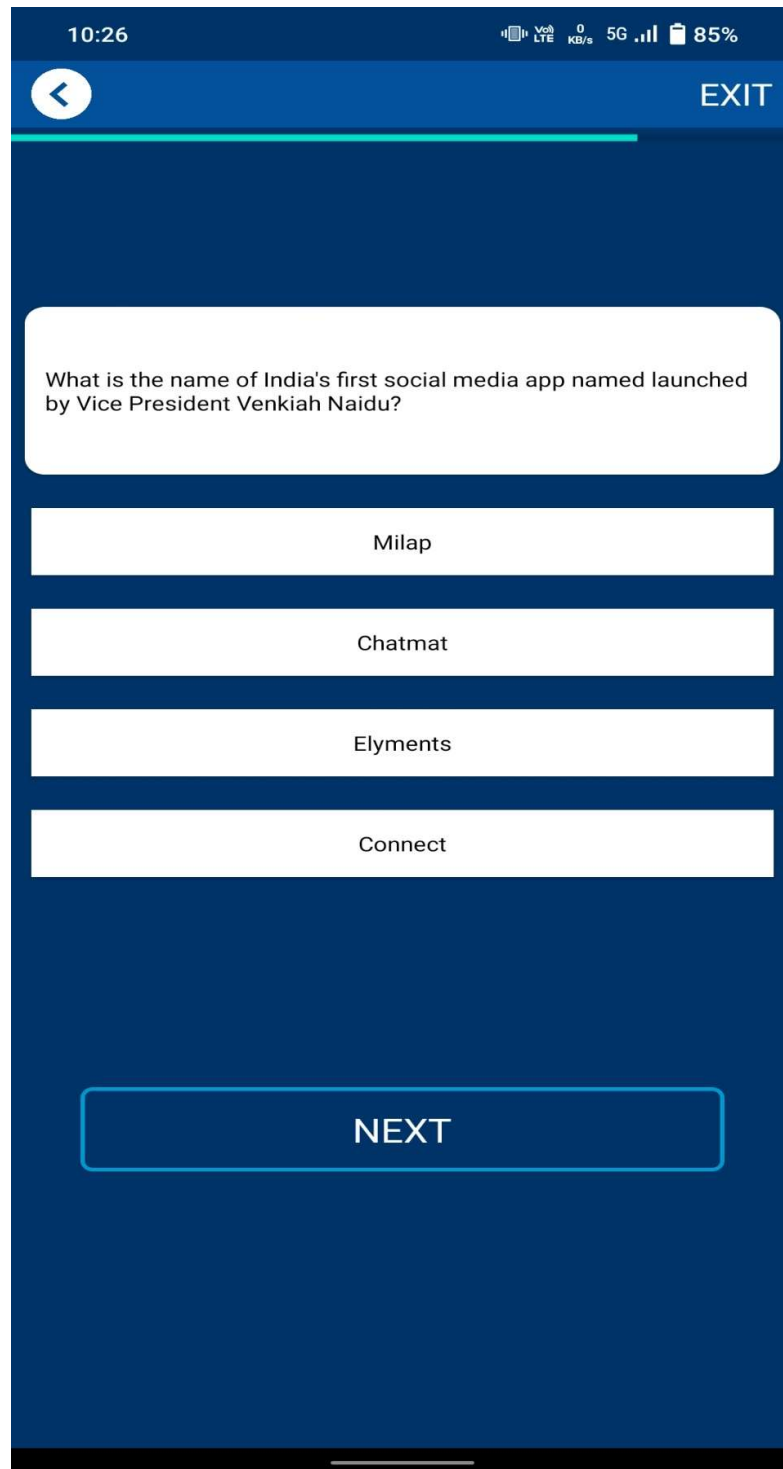
2) Splash Screen:-

When the app is loading or booting this screen will be displayed



3)Main Screen :

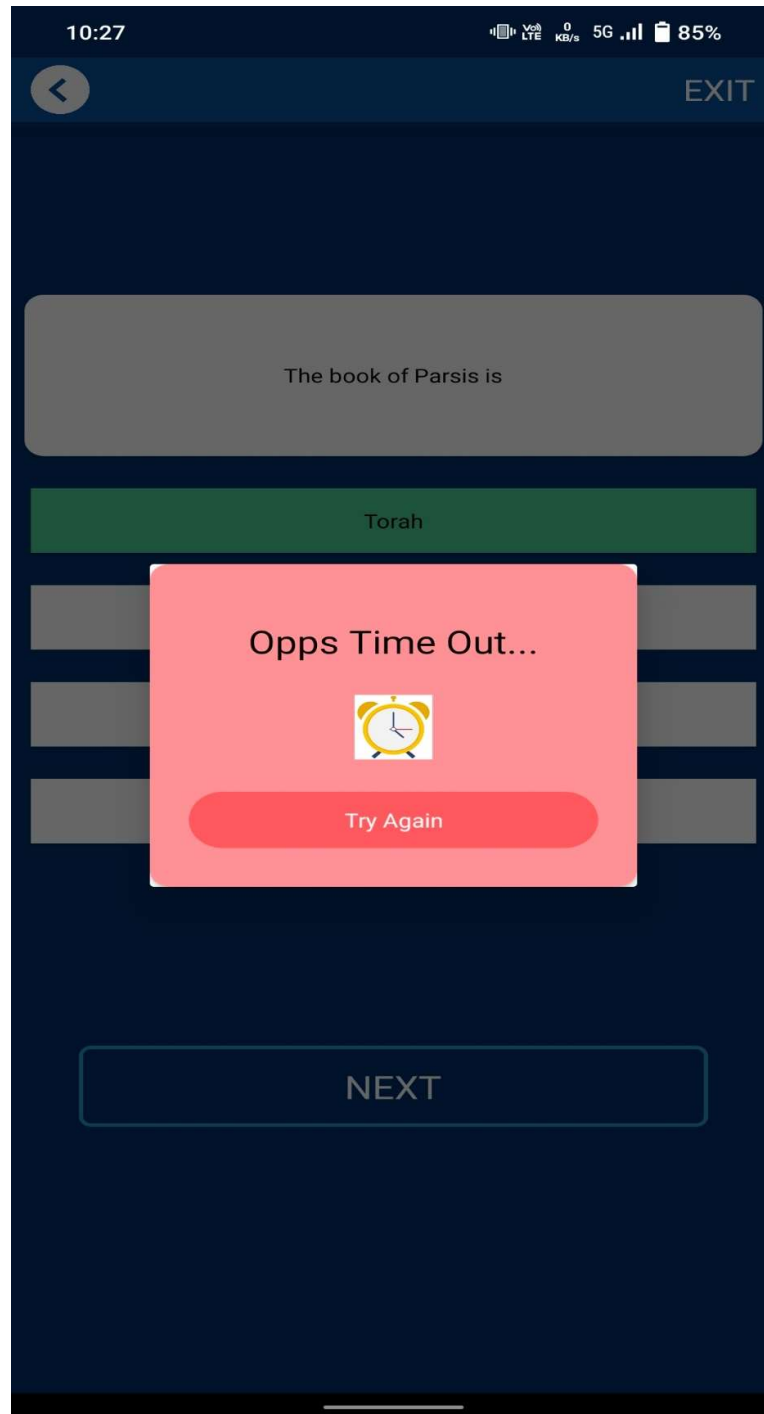
After the splash screen the main screen will be displayed:



The screenshot shows a mobile application interface with a dark blue background. At the top, there is a status bar with the time 10:26, signal strength, 5G network, and 85% battery. Below the status bar is a navigation bar with a back arrow on the left and the word "EXIT" on the right. The main content area features a white rounded rectangle containing a quiz question: "What is the name of India's first social media app named launched by Vice President Venkiah Naidu?". Below the question are four white rectangular buttons with the following text: "Milap", "Chatmat", "Elyments", and "Connect". At the bottom of the screen is a large, light blue rounded rectangle with the word "NEXT" in the center.

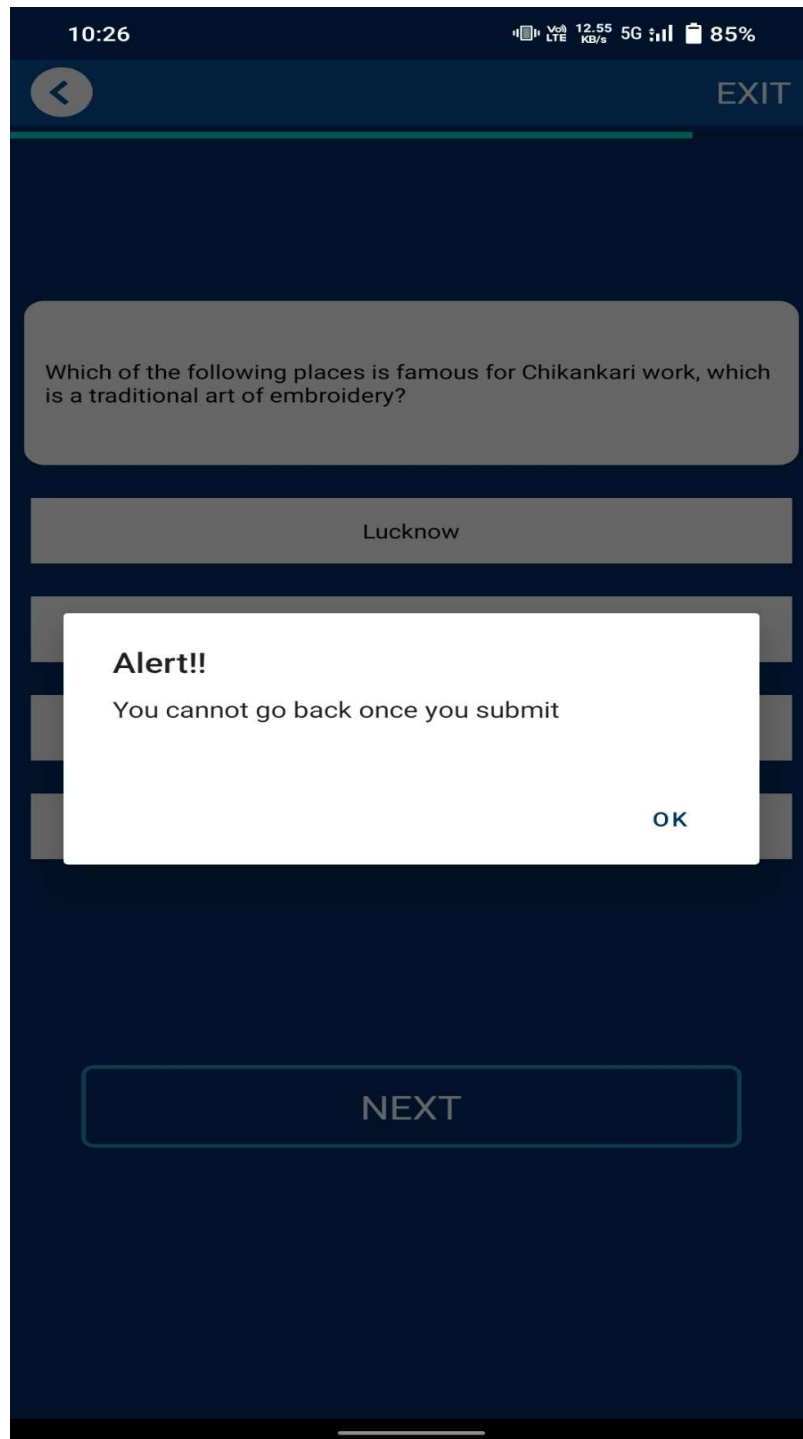
4)Timeout Screen:

If user don't give answer in 20 seconds the Timeout screen will be displayed



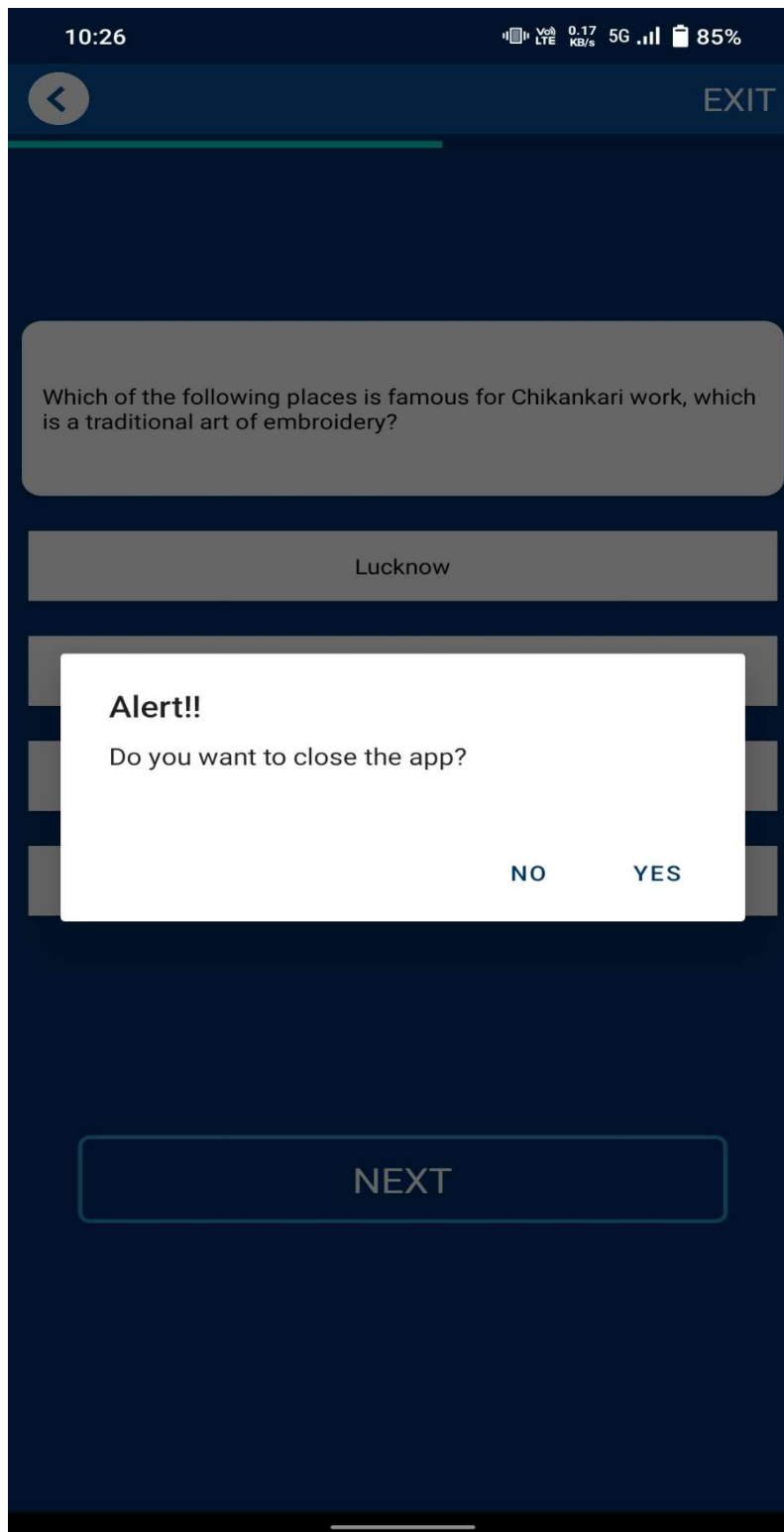
5)Back button Screen:

If user submit the answer and wants go to back then this alert dialog will be display:



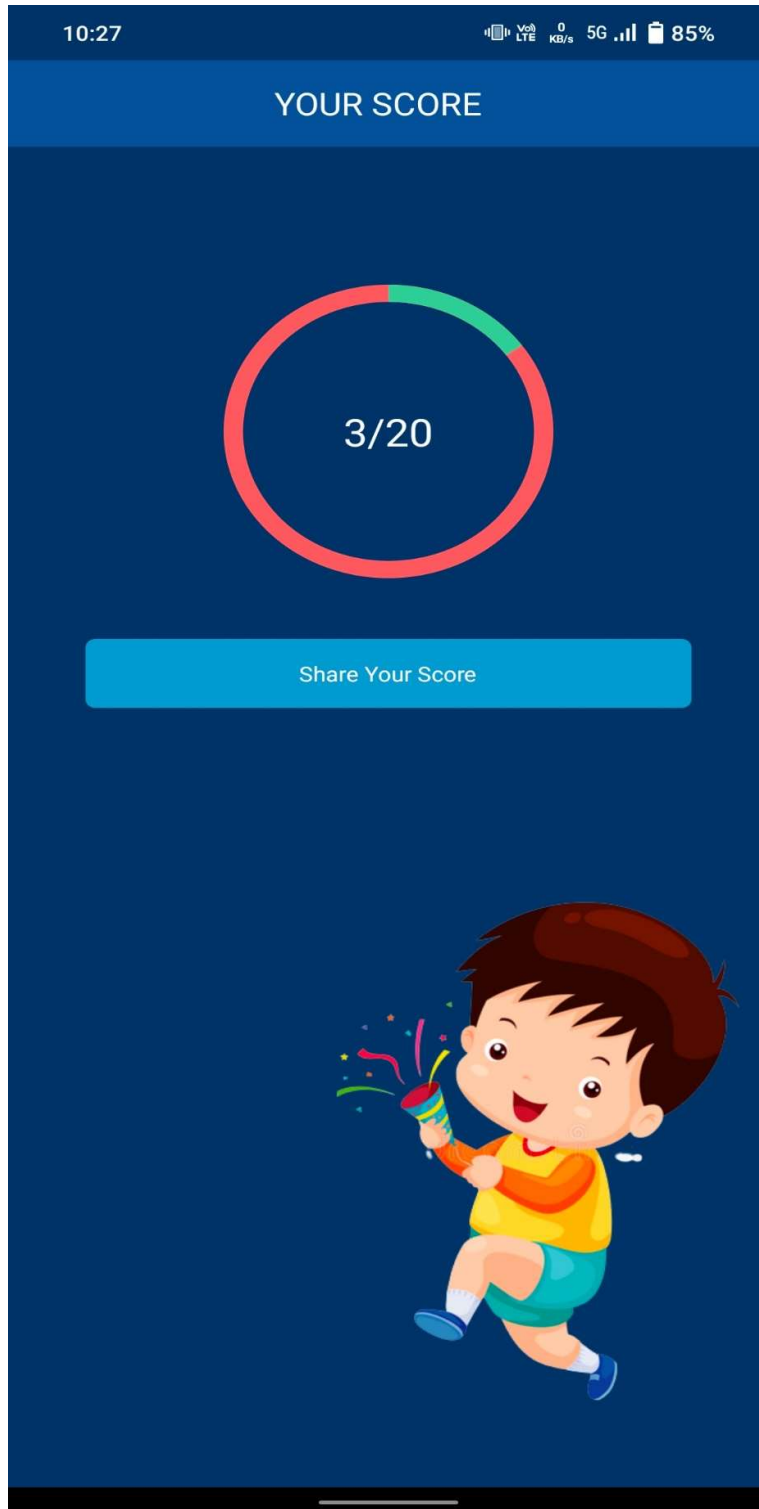
6) Exit button Screen:

If user press the exit button, then this alert dialog will be display:



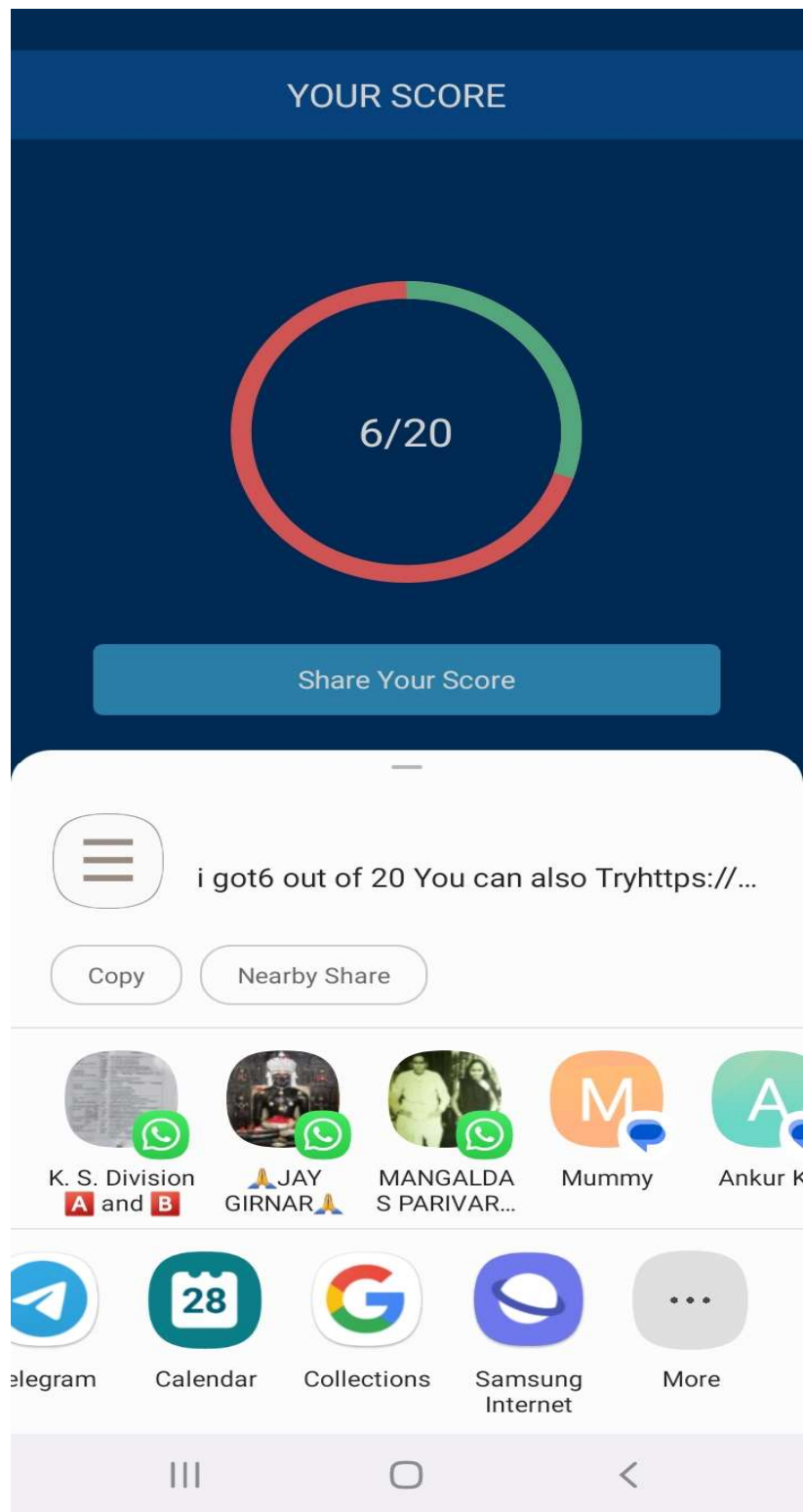
7) Winning Screen:

If user successfully attempt the quiz, then this screen will be display:



8) Share Score Screen:

If user press the share score button, then this screen will be display:



Chapter 3: Database and API Details

=> No database and API used in our application.

Chapter : 4 Summary

4.1 Assumptions :

- One should have the android-based phone to use our application.
- We assume that the system which prepared by us is easy to use for all end users.
- Our application having common language like English So anyone Can Easily Understand the System, So It Provides Ease of Access.
- Our application is very useful for the people who want to increase their general knowledge.
- We assume that user has primary knowledge of how to navigate into the app.
- If user don't complete the whole quiz, then he/she can't get the result and score of the quiz.
- User must have Android 5 or higher version to run our application.

4.2 Limitations :

- If user does not have knowledge about how to operate phone and navigation into the application then he might get confuse.
- If the user might not able to deal with English language, then user might not able to use the system efficiently.
- If user don't have the phone which not contain Android 5 or higher version, then application and the feature of the application may not work.
- There are only 20 questions set right now so it will only change the sequence.
- If user don't complete the quiz, then result can't be generated and user can access the share score button.

4.3 Future Scope :

There will be vast future scope for this application.

➤ In near future we will introduce new feature based on level like introduce new levels of the quiz like

- ⇒ Easy Level
- ⇒ Medium Level
- ⇒ Hard Level

➤ In near future we will take the quiz based on particular subject or topic Like

- ⇒ IT field
- ⇒ Finance field
- ⇒ Medical field etc.

➤ In this Application we are also provide the field related subject Like if user choose IT field, then there will be question set based on java, c++, AI etc. So, we will provide more subject based choices.