



**An Internship Presentation
on**

“QuizHub Android Application”

Presented by

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Abstract

- This work deals with development of android-based multiple-choice question examination system, namely: QuizHub.
- This application is developed for educational purpose.
- The main goal of the application is to enable users to practice for subjective tests.

Introduction

About Organization:

- Insight Solution is a software development and computer training organization founded by Mrs.Sarvamangala Rao.
- It is private company registered under MSME with UAN No:KR26D0003150. Insight solutions is a globally acclaimed company.

Introduction continued

Android:

- Android is mobile operating system based on a modified version of the Linux kernel.
- Android is developed by a consortium of developers known as the Open Handset Alliance.
- It was unveiled in November 2007, with first commercial Android device launched in September 2008.

Introduction continued...

Quiz:

- Quiz Contest is a application developed to conduct an quiz based on time constraints.
- Online Quiz Contest system is accessed by entering the user name and password which is added to the database.
- Quiz is started by displaying one question with four options each based on general knowledge.

System Requirement Specification

- **Operating System:** Android.
- **Toolkit:**Software Development Toolkit(SDK)
- **Platform:** Java and Android.
- **Database:**Firestore.

Advantages

- The key concept is to minimize the amount of paper and convert all forms of documentation to digital form.
- User can login and take test from any part of the world.
- Manual correction is avoided since the score is incremented as the user clicks on the correct option.

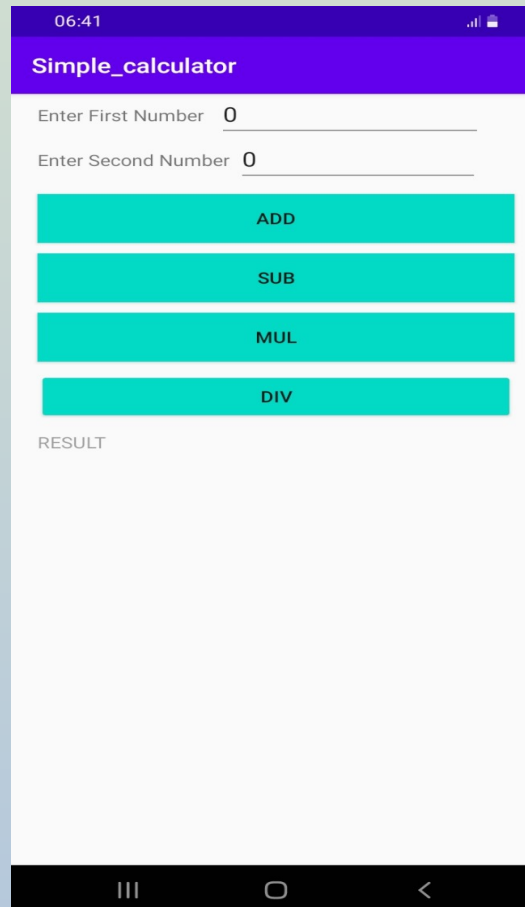
Mini Projects

- Worked on development of counter application.



Mini Projects

- Worked on development of Simple Calculator.



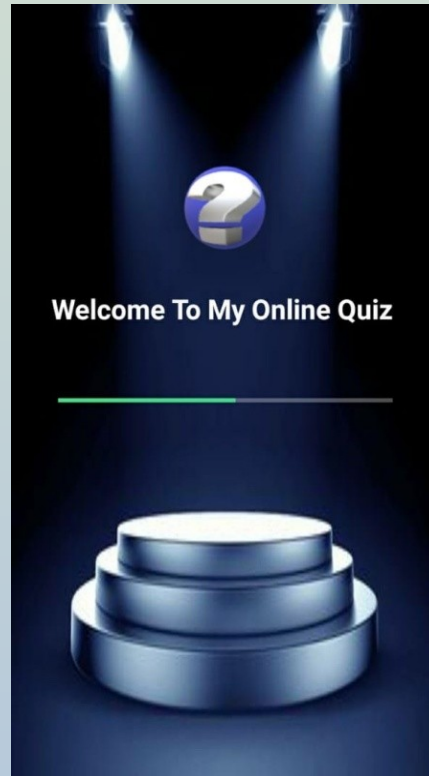
Implementation

- Designing the User interface,functionality in application is done using Android ,XML,Java.
- For storing the data Firebase database email authentication system is used.
- User friendly design interface,eye pleasing background.

Results

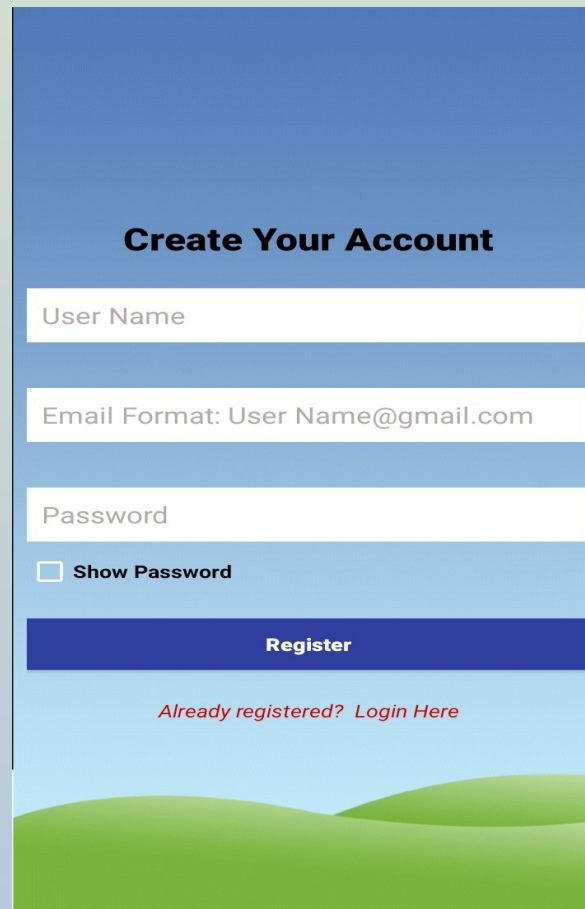
- Welcome page

This is the first page that provides visitors a first impression when they land on our application.



- User registration page

It is a list of fields that a user will input data into and Registered.

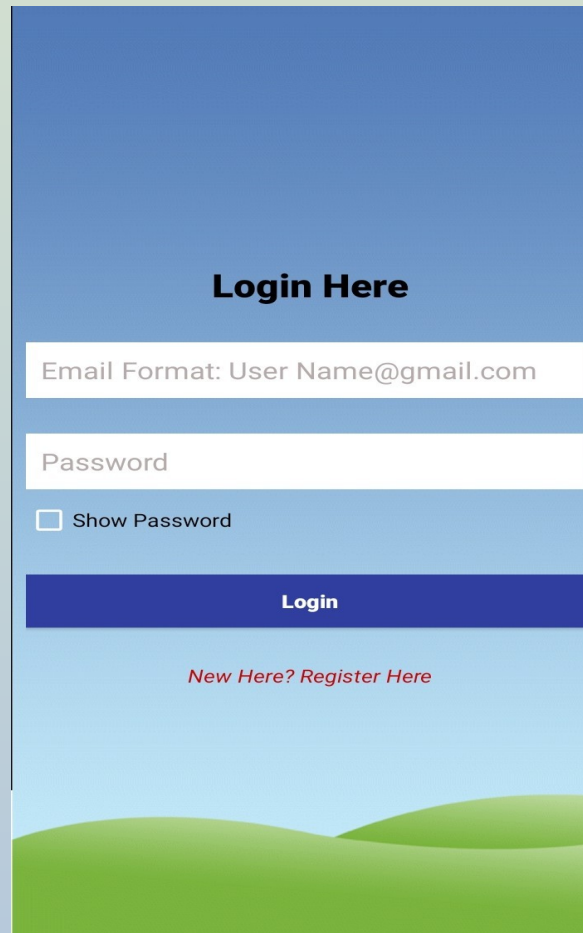


The image shows a user registration form with a blue header and a green landscape at the bottom. The form contains the following elements:

- Create Your Account**: A bold black heading.
- User Name**: A text input field.
- Email Format: User Name@gmail.com**: A text input field with a placeholder email address.
- Password**: A text input field.
- ☐ **Show Password**: A checkbox to toggle password visibility.
- Register**: A dark blue button with white text.
- Already registered? [Login Here](#)*: A red italicized link for existing users.

- Login page

This screen will appear after the successful user registration.



The image shows a mobile app login screen. It has a blue header with the text "Login Here" in bold. Below the header is a white input field with the placeholder text "Email Format: User Name@gmail.com". Underneath that is another white input field with the placeholder text "Password". Below the password field is a checkbox labeled "Show Password". Below the checkbox is a dark blue button with the text "Login" in white. Below the button is a light blue section with the text "New Here? Register Here" in red. At the bottom of the screen is a green landscape with rolling hills.

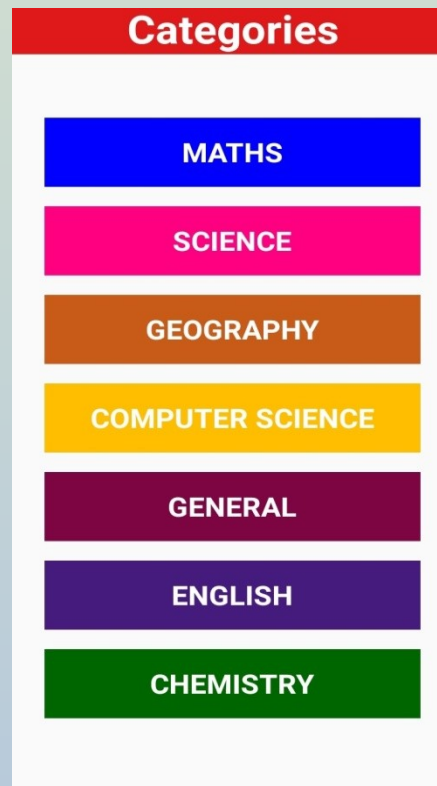
- Start page

This is the start page of our application.

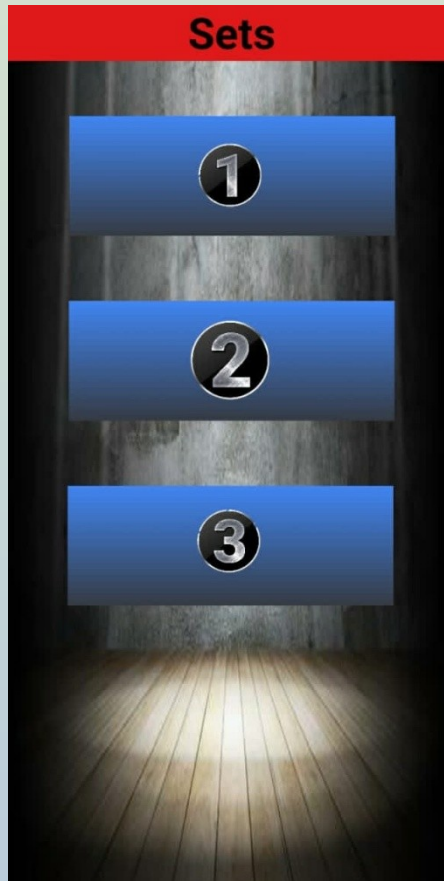


- Categories page

It groups individual category together based on a similar subject or theme.



- Sets page



- When the user selects the wrong answer

Questions:4/15

Score:30 **Timer:02:38**

Which port is called queen of arabian sea?

Kochi

Mumbai

Surath

Kandla

SKIP

wrong

- When the user selects the correct answer

Questions:1/15

Score:10 Timer:02:52

**Which is the longest river
in the world?**

Amazon river

Yellow river

Nile river

Congo river

SKIP

correct

- When the user selects more than one option

Questions:2/15

Score: 0 Timer:02:54

The state having a largest area of forest cover in India is

Madhya Pradesh

Assam

Bihar

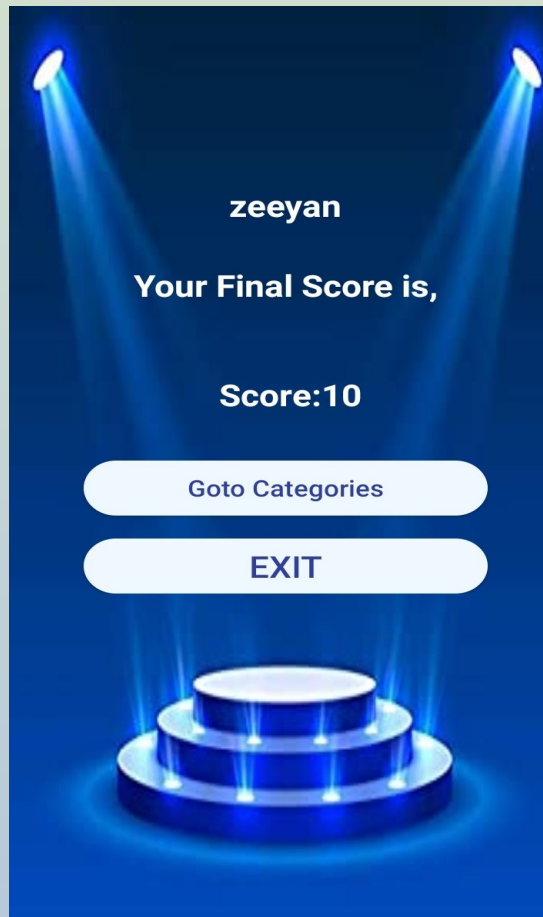
Sikkim

SKIP

You Already Answered

- Final score page

This page displays the score.



Conclusion

- This online quiz system provides facility to conduct online examination world wide.
- It saves time as it allows users to take test and displays the result as the test gets over.

References

- “Dino code academy” by vijay,october 2019.
- “Small academy”,october 2019.
- “developer.android.com”.
- “Stackoverflow.com”.

THANK YOU