RNS INSTITUTE OF TECHNOLOGY

BENGALURU - 98

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Presentation on Internship

QUIZ GAME

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AGENDA

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ABSTRACT

- The Quiz Game is an a mobile application developed using flutter.
- With the input of your name, the Game starts.
- consists of number of questions that user has to answer.
- Score is evaluated based on the total correct answers given.

About the Company

- **Enmaz has a simple yet robust solution that helps any Industry / Factory digitize their work floor in no time. The products offered will help in remote monitoring, controlling and also analyzing any machine parameter or process**
- **Reliable Hardware : Time tested, high quality, designed, developed and manufactured in India. 18 months of replacement warranty.**
- **Innovative Software : Easy to use, highly scalable and cloud-based IoT platform. Dynamic dashboard, Reports, Remote control, Email & SMS alerts.**

INTRODUCTION

- **Quiz Game is a mobile application in which students can learn through their mobile.**
- **It's a fun way to learn. The instructor will set new questions and students appear for the test. The students will know their score at the end of the test.**
- **As the user interface is attractive so the students will have fun while studying. As a result it will help the students to score better.**

LITERATURE SURVEY

- A learning environment is any environment in which students become totally involved in the learning process.
- Since the mobile devices support the anytime, anywhere learning, m-learning can faster the growth of the learning.
- Mobile learning provides the freedom from learning environments, learning devices and learning content format and rather emphasize on the constructivist learning process and cognitive development among learners.
- With the use of mart mobile devices with wireless networks enables mobility and mobile learning, allowing teaching and learning to extend to spaces beyond the traditional classroom.

Requirements

Hardware Requirements

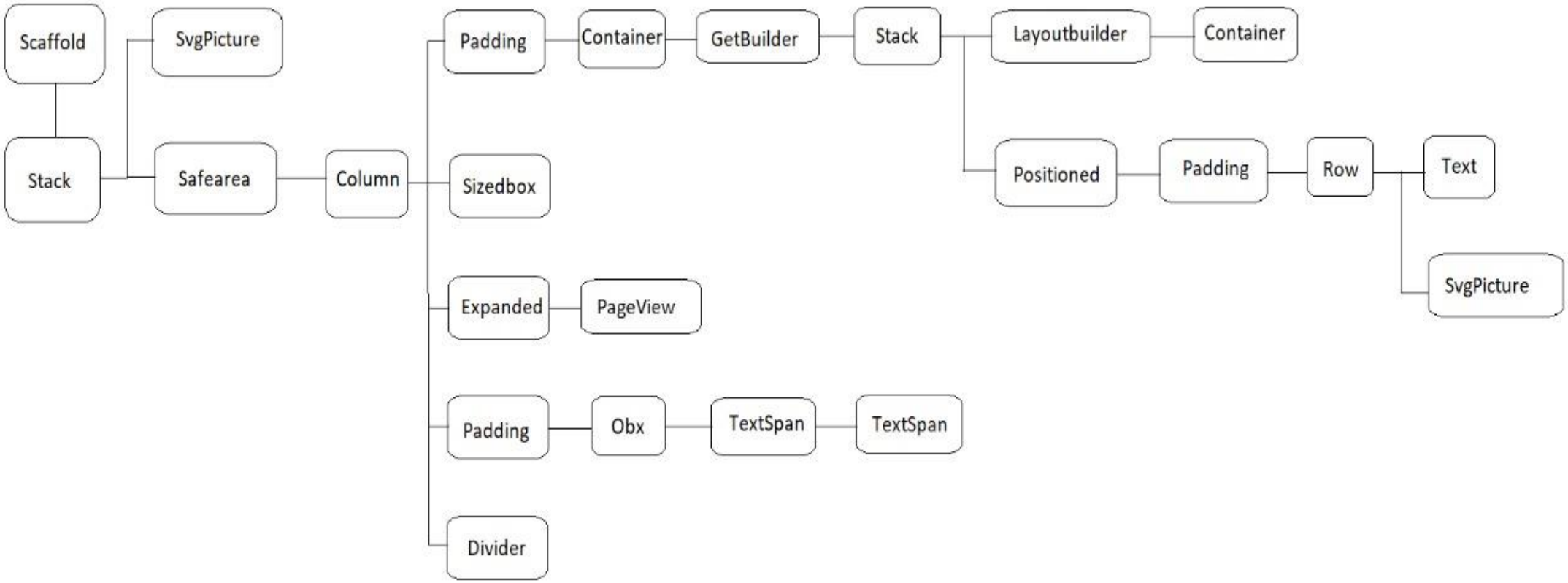
- **CPU**: Pentium processor and above
- **RAM**: 4 GB
- **HDD**: 40 GB

Software Requirements

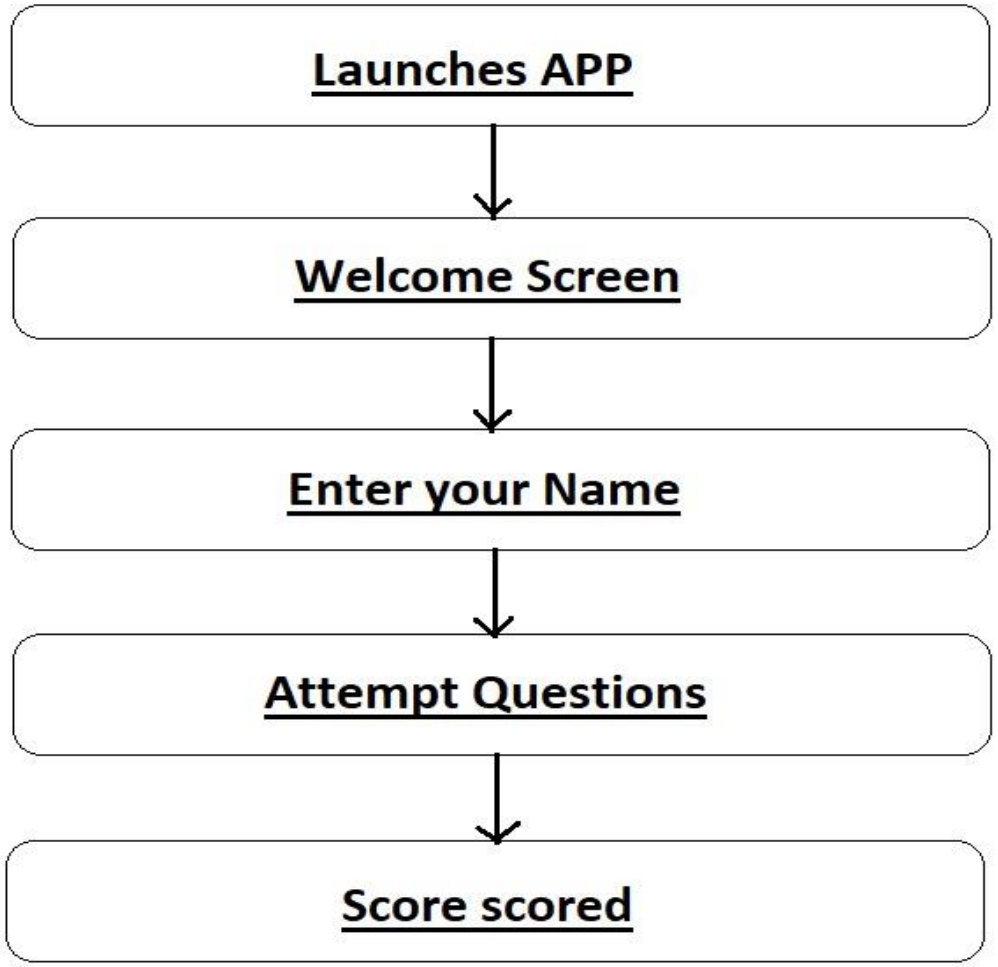
- **Operating System:** Windows 8 and above
- **Editor:** Visual Studio Code
- **IDE:** VS Code
- **Front-end Language**: Dart
- **Minimum Android Version** : Froyo (API Level 8)

System Design

❖ Quiz Page for Welcome page



Schema Design



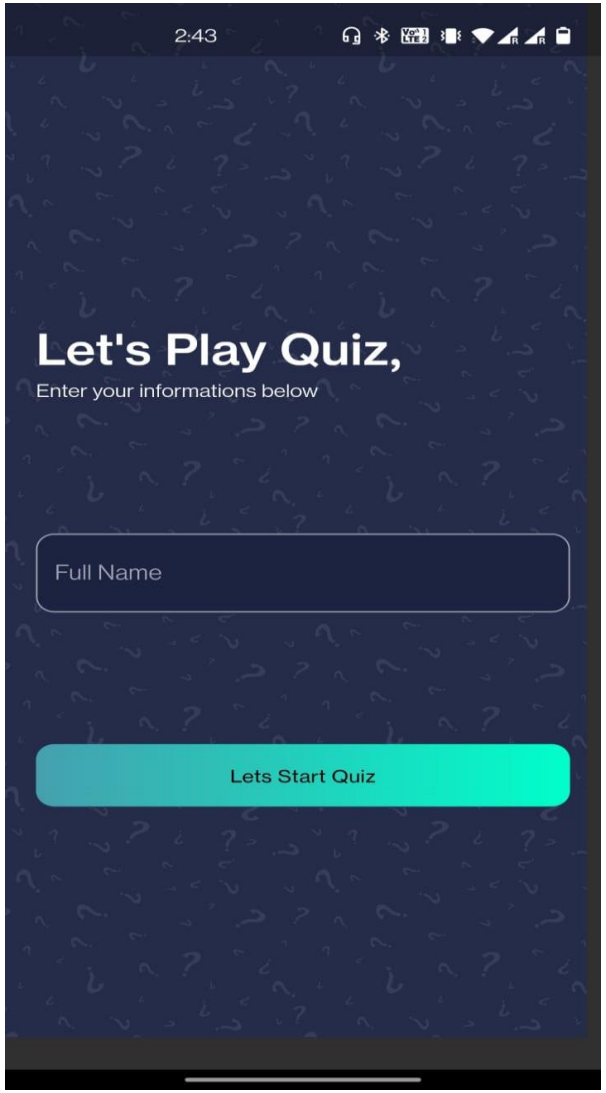
Implementation / Coding

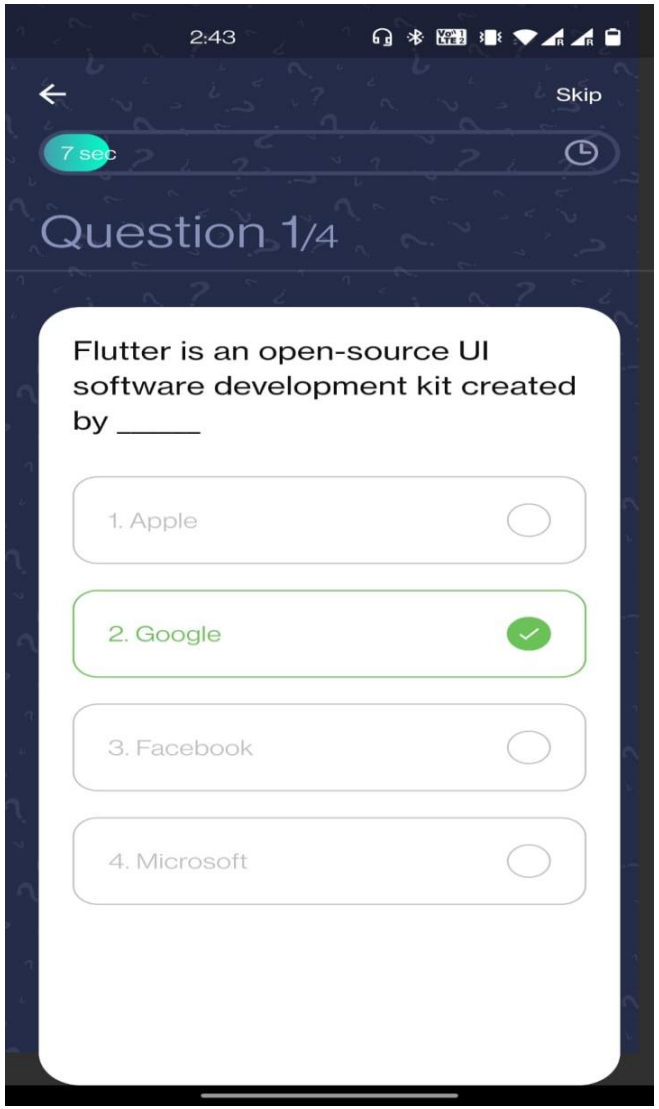
```dart
import 'package:flutter/material.dart';
import 'package:get/get_navigation/src/root/get_material_app.dart';
import 'package:quiz_app/screens/welcome/welcome_screen.dart';

void main() {
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  // This widget is the root of your application.
  @override
  Widget build(BuildContext context) {
    return GetMaterialApp(
      title: 'Quiz App',
      debugShowCheckedModeBanner: false,
      theme: ThemeData.dark(),
      home: WelcomeScreen(),
    );
  }
}
```

Result


2:43
Let's Play Quiz,
Enter your informations below
Full Name
Lets Start Quiz


2:43
Skip
7 sec
Question 1/4
Flutter is an open-source UI software development kit created by _____
1. Apple
2. Google
3. Facebook
4. Microsoft

2:43
Score
20/40

Testing

Testing is a process of executing a program with the interest of finding an error. Levels Of Testing

- **Unit Testing**
- **Integration Testing**
- **Validation Testing**
- **Output Testing**
- **User Acceptance Testing**

CONCLUSIONS

- This quiz application provides facility to play quiz anywhere and anytime.
- It save time since user does need to wait for result.
- Administrator has a privilege to put as much as question in any category given in application.
- User can register, put their name and give the test with his/her specific id, and can see the results as well.

Future Enhancements

- We can try and deploy it on the internet so that people can access it online also.
- We can try to add different sections of the quiz as per user requirement.
- We can also let different user can access the app simultaneously with their unique id.

REFERENCES

[1] **SQL Tutorial-java point**

[2] **Guru99.com**

[3] **C#- Geeks for geeks**

Question and Answer

ESTD : 2001
An Institute with a Difference

THANK YOU