



QUIZ APPLICATION

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ABSTRACT

Technology in the field of education is constantly evolving, growing and this increase will continually offer new and extraordinary advances in the field of education. Traditional E-learning systems developed for laptop and desktops were based on standalone application and web based application architecture. These applications will have some limitations to be used effectively or we cannot use them easily since these applications need a computing device and network connectivity.

With the advancement in the mobile technology and availability of smart mobile devices and networks we can create a system which can be used to check knowledge levels of students. Since mobile network is available at maximum areas so this can be used for the knowledge testing of any person specially candidates of software company who need a specific skill for job.

I.INTRODUCTION

This is a "QUIZ" android app which gives the information about CSE core subjects. First of all, every student should register in registration page by using his/her name unique roll number, by creating username and password. After registering, they need to login every time to access their account.

Here we provide two menus i.e., test and reference books, these references provide necessary information which is needed to write test.

In the test menu there are subjects in which we can select among some subjects and for every test it contains 20 questions and marks will be allotted for the right one. References give the overall ideas and concepts included in the subjects.

Thus the main objective of the research is to develop an interactive mobile application based on android platform to conduct quiz sessions in the class for different technical topics

On further enhancement this app can be used for the recruitment process of software companies which will be able to save time and efforts to eliminate unwanted candidates to appear for personal interview by travelling a long distance.

FEATURES

- Easy way to test knowledge.
- User-friendly app for easy understanding.
- Can reduce usage of resources like paper.

II.RELATED WORK

The main theme of this app is to save the time while conducting examinations. Generally, to conduct exam we need so much infrastructure ,but here if we have the application installed is enough for the examination.

EXISTING SYSTEM

Up to now we take examinations on paper, the idea to take examinations in our device led us to creation of the application. Earlier, correction of the answers is also a big problem to correct manually so our application gets rid of the heavy

work of correcting each and every answers in manual way.

DISADVANTAGES

- Need more time to take test.
- Difficulty in verifying.

III.PROPOSED SYSTEM

The current system developed is feasible. Thus it provides an easy access to the users. The database's purpose is to make, establish and maintain a workflow among various entities in order to facilitate all concerned users in their different capacities or roles. Permission to the users would be granted based on the roles specified. Therefore, this provides the technical guarantee of correctness, speed and security. The software and hard requirements for the development of this project are not many and are already available in-house at NIC or are available as free as open source. The work for the project is done with the current equipment and existing software technology. Necessary bandwidth exists for providing a fast feedback to the users irrespective of the number of users using the system.

ADVANTAGES

- It is a time saving process.
- User can login and take test from any place.
- It can be used in events for conducting test.
- Reduces paper work.

PROCEDURE

1. Register the student.
2. Login student, if user id , password valid then goto the selection page.
3. In activity selection page
4. Can choose play quiz or references.
5. Can select different modules.
6. After selecting particular module we will get questions based on that.
7. If we select references we will

- get links regarding the topics.
8. Logout.

IV.MODULES

- **VALIDATION:** Every student needs to have a unique account to login and password to write the exam. In this validation phase the database validates user only if user id and password matches.
- **CHOOSE TEST:** In this module student can choose from various tests to be appeared and write the test accordingly.
- **FETCH URL:** Here we provide some number of links for preparing the subjects and prepare for the test by following the material provided in the link.
- **VIEW RESULT:** After completing the exam the result will be declared in this phase.

Software Requirements

The software used for the development of the project is:

- Operating system : Windows, Android
- Programming Language : Java, XML
- IDE : Eclipse
- Emulators : AVD
- Tools used : Android SDK Tools, Android platform Tools,
 - Android Developer Tools

Minimal Hardware Requirements

The hardware used for the development of the project is:

- Processor : Intel I3
- RAM : 2 GB
- Monitor :15 inches color
- Keyboard : Optical
- Mouse : Optical

Technologies Used

What is android?

The first truly opened comprehensive platform for mobile devices, all of the software to run a mobile phone but without the proprietary obstacles that have hindered mobile innovation.

- Linux OS kernel
- Java programming
- Open source libraries: MySQL, Web Kit, OpenGL

WHY ANDROID?

- A simple and powerful SDK
- No licensing, distribution, or development fees
- Development over many platforms
- Linux, Mac OS, windows
- Excellent documentation
- Thriving developer community
- For us job opportunity

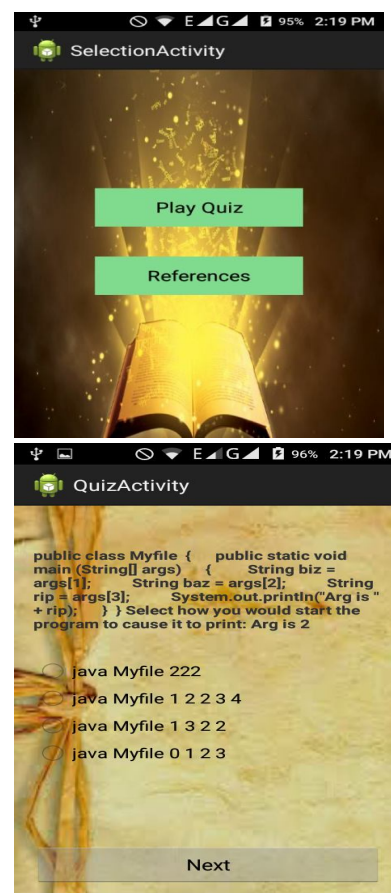
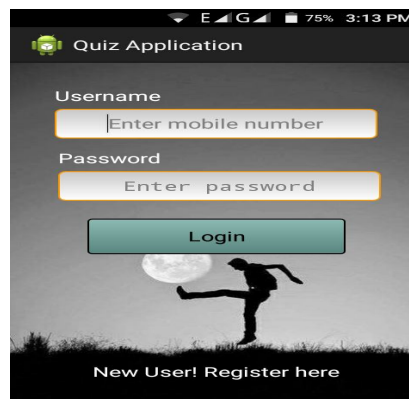
FUTURE SCOPE

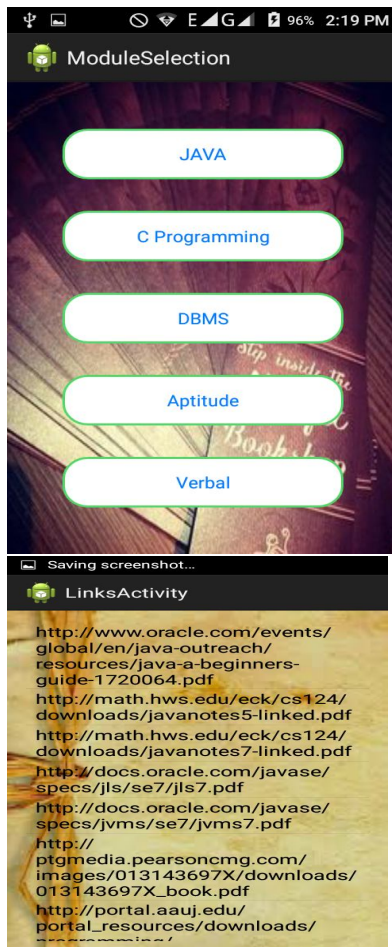
In this application, answer will not display only result will be displayed at last. It is our future enhancement to display answer while answering the question. Can be used at fest's in college for quiz contest.

V.CONCLUSION

Here, in this application we can test our ability by writing test. If we have any doubts we check by provided reference books and videos in the same application. Without opening books or videos in other browser we can check in the same application.

RESULTS





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