A REVIEW PAPER ON MHT-CET PREPARATION BY IMPLEMENTING QUIZ APP USING ANDROID TECHNOLOGY

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Abstract : **The usage of Mobile Phone is increasing day-by-day. So with the increase in using Mobile phones Mobile Applications are also been developed in large numbers. KrackCET is also a quiz Mobile application which provides the user better interface. This application uses client-server architecture. Where the application will interact with server and then store or retrieve data from the database located on the server side. This application will interact with database using API(Application Programming Interface. On the other side of the application client will also have to login in order to gain access to the details.**

*Index Terms –*API, KrackCET, Server,Client

I. INTRODUCTION

Nowadays there are many application for MHT-CET Preparation. KrackCET is also a MHT-CET preparation Quiz based application which is used by HSC students for Engineering and Pharmacy Admission. This Application is developed for educational purpose so that the students can prepare themselves for competitive exams using their Smartphone, Tablet without and disturbance. This app helps the student to understand the concepts of each subject and then with the help of the Quiz the student can understand their level of performance. The user can also find previous 5 years question paper which will be very useful to them. The student can practice different subjective test separately.

II.PROPESED ENHANCEMENT

This Application can be used by everyone who wishes to crack CET and take admissions for Undergraduate courses like Engineering and Pharmacy. The quiz consists of main subject Physics, Mathematics, Chemistry, Biology.The quiz format is same as the MHT-CET format. This app also provides marking system which is same as the CET.The students can Login/Register by creating an account. Then the user can select PCB, PCMB group and practice the quiz. After practicing the user can can take the main quiz and get to know about the performance level. The user can also get more information about MHT-CET exams date, form filling process, etc.

III.PROBLEM STATEMENT

It is essentially required to assist students for the learning and preparation of different tests conducted for admission in higher studies. Mostly all the app are online and they cost a lot. So some students are not able to get the app. KrackCET is an offline app and free of cost which will help the student.

IV.LITERTAURE REVIEW

There is a growing interest in adopting android in embedded real time environments.[1]This application is developed using android development studio in conjunction with SDK tools.[2]A quiz application is developed which will help the student study effectively and smartly.[3] An automated quiz application system is proposed which will keep track of user/student smartly. Basically the students can appear for quiz of respective subjects and get to know the score[4]. This system was a basic dynamic database utility system which fetches all information from the centralized database. The student users of this services are well seasoned with the information available on these websites and they feel more comfortable using this service[6]Red seer a research firm has claimed that the Application based MHT-CET prepatrion segment grew.

V.METHODOLOGY

1.Primary Resaerch:- The research was done by taking offline survey and asking the student the need of the app. The first part of questionnaires included questions about the factors which make students the need of this application. The second part consisted of variety of questions to know the preferences of the student on which Application they like to use the most and what type of services of particular App they find more convenient.

2.Secondary Research: This was through literature review about the concept of Mobile MHT-CET Preparation app.

VI.WORKING OF THE APP

1.Create an Account- In order to use this App the user will first have to create an account i.e.- Sign in

2.Login to an Account- After account has been created login to account. This will be beneficial to user as he will not always have to create account to use the application.

3.Home Page(Dashboard)-Here the user can select the available courses.

4.About us- This Activity is giving in short the description of application for instance what the app is about, what service it is

5.Pharmacy- If the user is preparing for pharmacy admissions he/she can choose the respective subject and give the quiz.

6.Engineering-If the user is preparing for Engineering admission he cab choose the respective subjects.

7.Questions-All the questions will be displayed using card view.

8.Result-Here the user can find the score
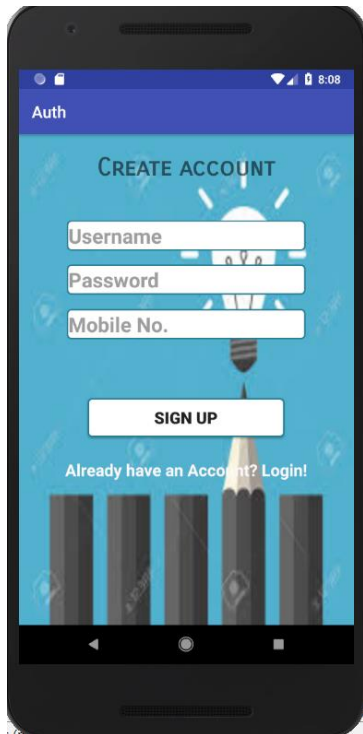
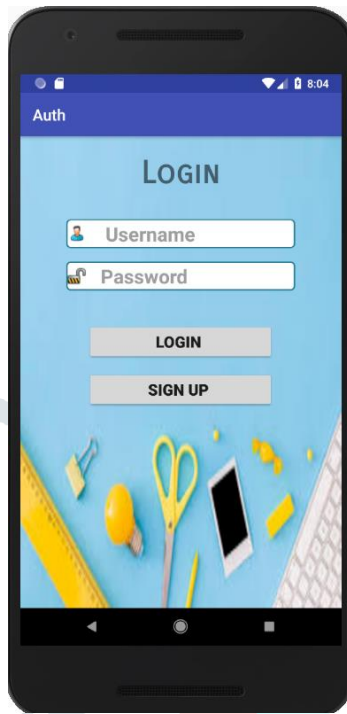## VII.SCREENSHOTS OF THE APPLICATION

Fig 1:-REGISTRATION PAGE **Fig 2:-LOGIN PAGE** **Fig 3:-HOMESCREEN**
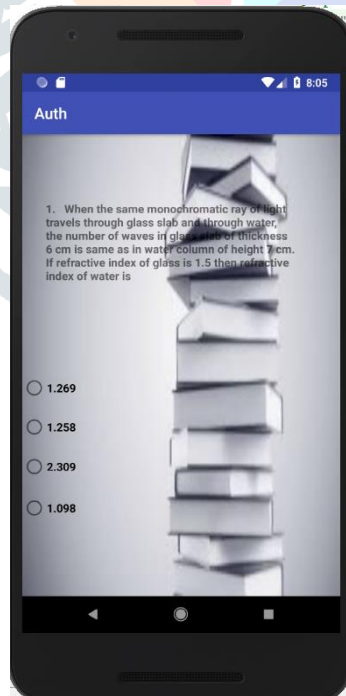

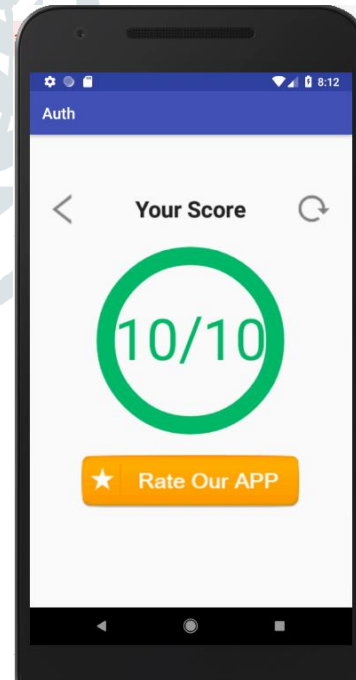**Fig 4:-ENGINEERING SCREEN** **Fig 5:-QUESTION SCREEN** **Fig 6:-RESULT**

VII.CONCLUSION

Conclusion of the proposed system is based on user's need and is user centered. The system is developing in considering all issues of users included in this system. Huge number of people can use this if they know how to operate Android Smartphone. Various issues related to mess/Tiffin for Bachelors can be solved by providing them a full-fledged system. Thus implementation of Quiz application is done to help solve this problem. Based on the result of this research, it can be concluded: it helps students in making study easily, saves time, efficient and feasible to operate. The Quiz application is made in such way that it satisfies users need and help them to study well.

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