

## Advertisement Media Web Portal

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**Abstract-** Android CA test-practice app is an android application developed for the benefit of chartered accountancy students to practice for the ca exams with the help of android app. CA exams are generally categorized into 3 different levels that is cpt ipcc and final . cpt is a basic exam or is called as foundational level of ca and ipcc has 2 groups with different subjects and final has 2 groups into it so this android app helps to prepare for all the 3 levels of ca examination with its online test features where questions are provided with the options and the students has to select the right answer based on which marks are assigned and the overall performance of the students are calculated and the ranks are given to the students. This app also provides the features such as syllabus, previous papers, view profile, study tips, online test and offline test where offline test just downloads the file into user device and helps them to prepare for the ca exams without requirement of internet. Thus this android app for ca test practice will really help and motivate all the ca students to crack their main ca exams.

**Keywords-** CA Exams, Test Practice

### I. Introduction

Android ca test-practice app provides you with very high quality practice problems to test your skills for the CA exams with all of its effective features. This app will help you to crack the ca exams with all of its effective features and exam tips . This android app contains all kinds of sample

### II. Existing System

The Existing system on ca test practice provides more than 10000 questions of 2 levels of ca examination which provides multiple choice questions and user has to select option. The app calculates the overall marks and displays to the user .Apart from the tests the app also provides features

questions that are asked in the CA exams along with detailed solution to each of them. It contains a large database of questions, which are updated daily with new questions and keeps student active for all of its practice session. This app will help the ca students to practice for all the 3 levels of ca examination which may be cpt, ipcc(group-1,group-2) and final (group-1, group-2) .This app contains Well developed, tested and verified questions and answers with complete solutions. This app provides the user friendly way of its usage and its absolute free, so all those students preparing for ca exams can find an easy way of study by means of this android app from any location or any area without any sort of disturbance.

### SCOPE

The scope of proposed system is:

- Ability to handle and manage large amount of a data.
- Fast, reliable and accurate information with solution is possible.
- App keeps the user updated with very recent information related to their studies.
- App has the admin who manages and monitors app with every new information.
- Here the admin adds questions into the database and notifies the user on his login.
- The admin also notifies user when some new feature has been added to app and asks user to upgrade his version.

for the user to purchase e-books based on current syllabus of ca examination via app. It also displays syllabus for the current ca exams of the year. User can perform the test directly on installation of the app.

**Drawbacks:-**

- System provides no login authentication for the user because of which there exists no track of students data who perform tests on app.
- The app is not provided with the option of practice for foundational level(cpt) of ca exam.
- The app does not provides regular updation of new questions in the app as per the new scheme.
- The app is generally confusing and so the students lack the interest in preparation of exam via app.
- There is no offline tests option which may help users to practice for exam even if there is no internet.

### **III. Proposed System**

The Home page of the Android ca test-practice app has categorized all the ca exam levels, syllabus previous papers and other features in an very efficient way for the users helps them to prepare for their ca exams based on the level of examination where the user may be either in the cpt level , ipcc or final. Here ipcc level is also categorized with the questions based on ipcc group1 and group2 of the examination. The final group of ca is also then categorized into group1 and group2 with its respective subjects. Thus these feature of categorization makes the user feel free to practice for their examination with no confusion in using android test practice app.

The benefits of proposed system are:

- Ability to handle and manage large amount of a data.
- Fast, reliable and accurate information with solution is possible.
- App keeps the user updated with very recent information related to their studies.
- App has the admin who manages and monitors app with every new information.
- Here the admin adds questions into the database and notifies the user on his login.
- The admin also notifies user when some new feature has been added to app and asks user to upgrade his version.

### **IV. Module Description**

The Project has various modules that are listed below :

- Home page
- Registration
- Login authentication
- Syllabus and exam tips
- Online practice
- Offline practice
- View profile

#### **MODULE 1( REGISTRATION PAGE ):**

Here in this module the user who wants to access all the features of the app apart from offline practice has to register himself in this app through this module which will generate the user id and password on submission of the appropriate information in the registration page.

#### **MODULE 2( HOME PAGE ):**

The Home page of the Android ca test-practice app has categorized all the ca exam levels, syllabus previous papers and other features in an very efficient way for the users helps them to prepare for their ca exams based on the level of examination where the user may be either in the cpt level , ipcc or final. Here ipcc level is also categorized with the questions based on ipcc group1 and group2 of the examination. The final group of ca is also then categorized into group1 and group2 with its respective subjects. Thus these feature of categorization makes the user feel free to practice for their examination with no confusion in using android test practice app.

#### **MODULE 3( LOGIN PAGE ):**

These feature of login authentication helps the user and also the app team to manage and keep track of user data where with login authentication the user is exposed with many other students to practice the test online and check their performance and the ranks among many other students using the online test feature of the app.

#### **MODULE 4( SYLLABUS AND EXAM-TIPS)**

This app has also got the most helpful feature to help students preparing for ca exams that is by

providing syllabus and the exam tips ,where syllabus will show the updated syllabus of the current ca examination which may be either cpt ipcc or final and the exam tips option on the app will help the student to know how to crack particular exam what are the does and dont's and how to prepare for particular subject and also which book to refer or to solve previous papers .Thus these feature will really help the students in cracking the ca exams .

#### **MODULE 5( OFFLINE PRACTICE PAGE ):**

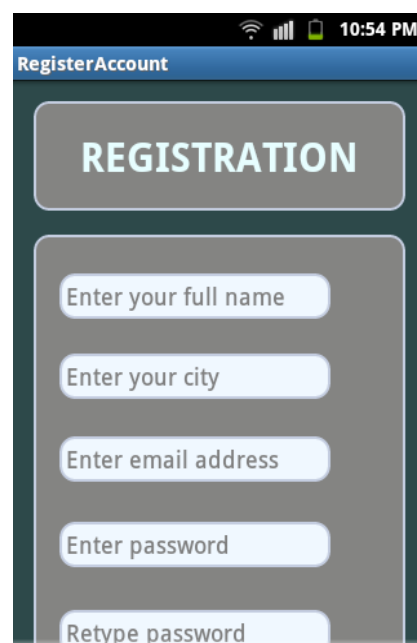
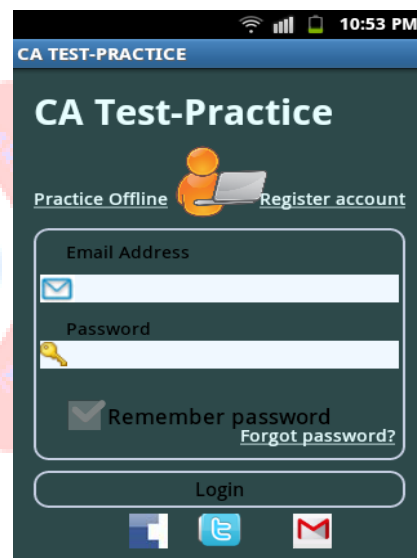
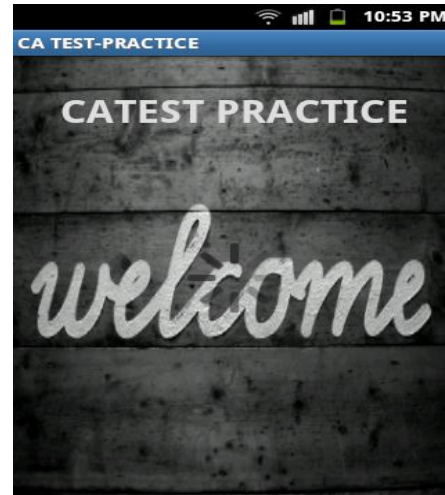
These feature of offline practice in the app is provided for any users even with no registration . Whoever downloads the app will be provided with the feature of offline practice where the user can download the practice file and start preparing for the ca exam within the app even if there is no internet.

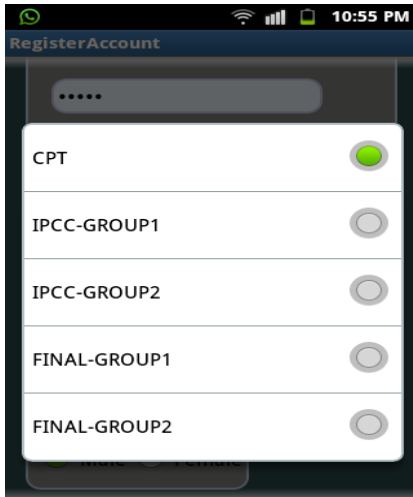
#### **MODULE 6( VIEW PROFILE PAGE ):**

This feature of viewing the profile in the app will help the student set their profile and practice the test based on their current academic level of ca examination these feature will be provided with the option to set name dob, current ca level based on which automatic processing of practice session will be done and finally as the user performs the test the ranking will be displayed in the profile of the user .

### **V. Implementation**

Implementation phase is the last phase of the development where this phase is carried out by keeping in mind the end user. During this phase of implementation you are ready to create all the necessary documentation to guide the end user about the project and also the tools that the customer uses to make him informed knowledge on how to deploy the current developed software in an secure way.





2. <http://developer.android.com/reference/packages.html>
3. <http://android-developers.blogspot.com/2015/03/a-new-reference-app-for-multi-device.html>
4. <http://www.pcmag.com/article2/0,2817,2403174,00.asp>

## VI. Conclusion

This particular app is developed with an intention to help all the ca students to easily prepare for their ca exams .This app has got very strong competency level that the user can easily crack ca exams .Any student can practice for their ca exams with the app that provides multiple features along with online tests and offline tests where the online test provides the user with updated questions everytime the user practices . user can also compete with many other users who practice the tests online . This feature of competing with many other users will certainly help the user to motivate themselves and learn from their low performance among others , so one can find themselves how strong they are to compete real ca exams . This app also provides the updated syllabus to the ca students so they need not find

## VII. Future Enhancement

This app has all necessary features that the ca students requires for prepatating their exams apart from that we are going to implement this particular app in the ios operating system and windows so the students who use ios and windows phone can also take advantage for their ca studies from this app.

## VIII. References

1. "Programming Android Java Programming for the New Generation of Mobile Devices" by Zigurd Mennieks , Laird Dornin , G. Blake Meike ,& Mausmi Nakamura