

Career Guidance for Students by using Android

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Abstract— The paper discusses the planning and development of an Web application which provides career guidance to the students. The appliance is often employed by students and fogeys because it provides complete details of schools like tuition and accommodation fees, eligibility criteria, campus placement opportunities, accommodation facilities, scholarship schemes, campus support services, rules and regulations etc. It helps students to pick colleges in engineering and management field in India and abroad supported the factors like qualifying exam details, technical expertise and other details. The appliance prepares the school list as per the doorway examination marks and therefore the eligibility criteria of schools and the courses chosen. The school list is filtered supported parameters like institution ranking, fee limits and site chosen. The registration of selected college involves student extensive details and Aptitude Test (AT). The Aptitude Test is multiple choice question (MCQ) based and includes verbal section, quantitative section and public knowledge. The appliance will help the scholar's to urge the foremost appropriate college and therefore the course within the field of their interest in India or abroad.

Keywords: Eligibility Criteria, Aptitude Test, Technical Expertise

I. INTRODUCTION

The career guidance in terms of discipline, college and course after higher education has always been an important area of concern to students, parents and college authorities. The scholar may possess good score in PUC II and the entrance examination, their parents might not have a complete knowledge of excellent colleges and courses within the field of their interest. A mean scorer usually finds difficult to search an appropriate college and to urge the admission in it. An ambitious student with excellent academic record may look to pursue his graduation during a prestigious institution inside India or abroad and interested to understand about factors like institute ranking, scholarship facilities, facility for research, campus placement, industry collaborations, etc. generally, every student and parent cares about fee structure, location of the institute, institute affiliation, campus placement, hostel facilities, rules and regulations etc.

II. OBJECTIVES

The objective is to guide the students for the simplest career opportunities available for them. After 10th/ 12th, a student has many questions in his mind, therefore the system shows the varied fields which are available. It also lists various colleges available where students can search colleges by their courses. Next the system allows users to offer a test. It's actually a series of tests of varied general questions. After test completion a score is calculated for every test,

supported those results the system manipulates and calculates the simplest career for that user.

Thus the main objectives are:

- 1) The project is to develop an Android based career guidance device.
- 2) It provides the entire information about the student academy performances.
- 3) It also helps to pick colleges in engineering and management fields in India and abroad with qualifying exams.

III. PURPOSE & SCOPE

Developing an 'Online Carrier guidance' has much scope. It is an automatic computerized system which will provide career opportunities and counselling to all or any sorts of students. It will be proved effective and efficient in reducing the issues and errors that are faced within the manual system. It will be an internet based online career guidance device, an online website during which the scholars can get information about career according to their academics. They're going to register themselves and consistent with their profile, the updates are going to be sent to them through email/message. It will make the scholars conscious of the present career opportunities according to their qualifications/stream and current market requirements.

IV. EXISTING SYSTEM

In the existing system, it includes the manual process for the earlier systems. This sort of process will take longer to finish. At an equivalent time, it is within the need of more resources. So, there is an opportunity of losing our records or data.

The disadvantages are:

- 1) Time delay
- 2) Requires much man power
- 3) Information retrieval
- 4) Not reliable and effective

V. PROPOSED SYSTEM

Our aim of our project is to maintain the information about different career opportunities of the institutes & colleges. It includes that the On-line Exam system Aptitude Test (AT) which is designed for Educational Institutes (like schools, universities, training centers). The type of questions is only multiple choice or true and false. The system handles all the operations, and generates reports as soon as the test is finish and the mark will be updated to admin. It allows student to see or display his answers after the exam is finished.

The advantages are:

- 1) Easy to handle and manage
- 2) Privacy in data storage
- 3) Lesser time consumption

VI. SYSTEM ARCHITECTURE

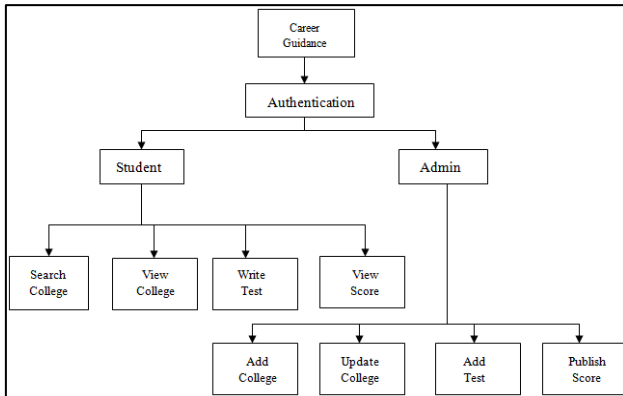


Fig. 1: System Architecture

- 1) The first step of career guidance is to authenticate an individual student for login process. This authentication is made up of valid email id and password. When the valid inputs are entered, it is authenticated for the further process.
- 2) It has two major types of login process. They are admin login and student login.
- 3) Firstly, the admin login includes that the system will be under the control of admin who provides the inputs from the system. The admin will able to add, update or delete the different colleges from the system. And they will also add the test for the students and publish the scores for the concern test.
- 4) Secondly, the student login involves that any students can able to login to the system by creating an account. The user has to enter the required information which is needed by a college. After login to the system, the user can able to view the list of colleges along with their details. The students can select the various colleges as per their preferences.
- 5) The students will write a test based on the eligibility criteria such as CGPA and the academic records as per the Standard Operating Procedures (SOP) which includes the multiple choice.
- 6) They students can able to view the result which is written.

VII. DATA FLOW DIAGRAM

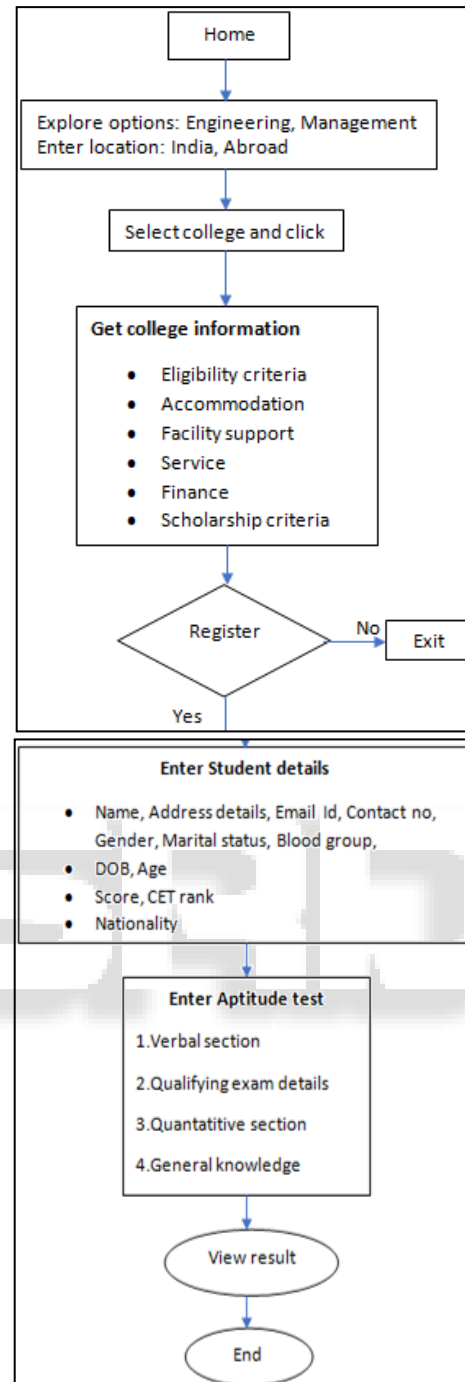


Fig. 2: Data flow diagram

- 1) The admin will get interact with the career guidance by adding, updating or deleting the information from the system.
- 2) The students will also gets interacted with career guidance by searching and viewing the preferred colleges.
- 3) The students can write the tests and view the results.
- 4) Admin and student combines together in order to get the further output.

VIII. CONCLUSION

The Web based mobile application is developed with an aim to provide students an easy to use application for career

guidance. The graphical user interface (GUI) is designed to be simple, user friendly and easily understandable with this app. The student and parent will be able to select colleges and courses in India and abroad pertaining to engineering and management discipline.

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