

STREAM ANALYSIS USING ONLINE APTITUDE TEST
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Abstract -Most of the users are confused while selecting their streams according to their capability. User can select career choice based on their IQ. The main aim of the project is to help user for choosing their career option. System helps the user to select their career choice according to their interest in particular field.

The IQ test brings an easy interesting working environment, more clarity in presenting appropriate information to the user and also it gives faster access and retrieval of information from the database. In this the tpo cell will be able to view result of student and send letters via mail according to their selected subjects marks.

Thus In this project we come up with an idea of developing a web application in which the student can give online aptitude test and can upload resume which will help tpo to select students.

Key Words: Aptitude test, TPO, Stream Analysis, Student.

1. INTRODUCTION

In the current scenario, most of the students in our college usually don't have the proper guidance to decide which major they should pursue for their further Placement. Most of the users are confused while selecting their streams according to their capability.

The main aim of the project is to help user for choosing their career option. System helps the user to select their career choice according to their interest in particular field.

Under this system, questions can be stored and retrieved easily. The system checks the answer by matching the predefined answers in database and users answer.

Stream Analysis using Online Aptitude Test System helps the students/candidate to understand which academic stream or major is most suitable for them. Its mission is to offer a quick and easy way to appear for the test and it also provide the result immediately after the test. It consists of various sections which contain multiple choice type tests.

1.1. The working of the project:

The first page provides several links. The Home link contains information about the different registration for different users like student, admin, faculty, tpo. It provides a link to the login page. In the Login link a user have to login before entering for the exam. An already registered

user can simply type in his\her valid username and password, and then click the "Login" button.

2. LITERATURE SURVEY

2.1. Existing System

Existing System is manual and is paper based this requires human staff to chalk out questions that appear in the question paper. These teachers or professors select the questions according to the syllabus and pattern as prescribed by the curriculum. The question paper then may be referred to a higher authority who has the final say in these matters. It's not secured. There can be redundancy of data. The process for preparation of the Question bank can be slow process. There can be error in the preparations. Maintenance is difficult process.

2.2 Proposed System

A) This system, questions can be stored and retrieved easily. The system checks the answer by matching the predefined answers in database and users answer.

B) In this system the student have to select their branch. Fill their previous marks then they can check for notes, or if they have to take test. After the test they can check their marks.

C) The Faculty can add notes, questions for streams, add streams, and can check results.

D)The admin can verify the users. They can check previous mark sheet for verification of student.

E) In this system the tpo can easily send the emails to the student who have scored certain scores in the required field which tpo wants.

F)we also have added Alumni who can add their resume and their appointment letters and can update their information

3. SYSTEM ARCHITECTURE

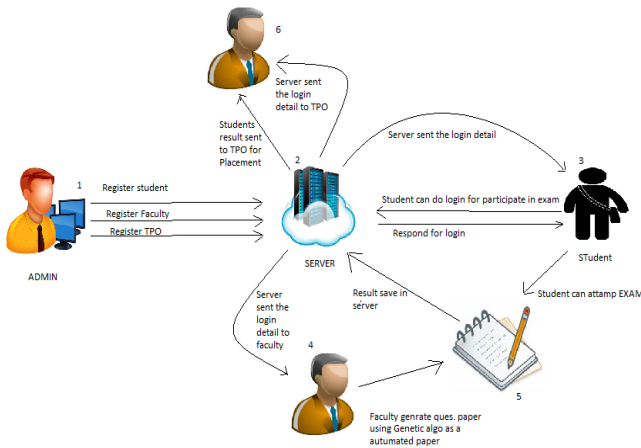


Fig 3: System Architecture

4. Advantages and Disadvantages

4.1 Advantages

- User can generate test papers randomly and instantly, thus saving a lot of time.
- The algorithm enables randomization of questions.
- A new question can be added to the database at any instance and different sets of test papers could be generated without any limitation.
- TPO can send offer letter to any student who meet minimum requirement of company.
- Students can easily access to the notes which was provided by the faculty.
- Students needed to get verified first by admin.

4.2 Disadvantages

- Need an active internet connection.
- No one can access without registration.

5. CONCLUSION

With this system it will be easy for the student to choose their further stream even the tpo can easily sends mails to the student who meets the minimum criteria. It would became easy for student to access the notes from faculty.

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