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Stream Analysis System

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Abstract: ***To avoid this dilemma, we have proposed this website wherein, students of will have a platform to test their skills in different streams to see where exactly they excel. The aim of our project is to design a system, which automatically identifies the capabilities and qualities among the user, to provide them the suitable approach towards the career options and different fields for the user . This system provide the results on the basis of the test taken by the user in order identify the suitable career options. . User can choose their career based on their IQ. The system will analysis the test taken by the user than generates the result using Machine Learning. This test brings an easy and interesting working environment, more visibility in presenting related information to the user and also this gives faster access of information from database. This reduces the misguidance or peer pressure students generally seem to choose the course which their friends have chosen, and therefore we are often left with students who end up choosing an academic major which is incompatible with their interests and passion.***

Keywords: IQ, Machine Learning, Prediction.

I. INTRODUCTION

This Web Application provides facility to take online examination . This System saves time as it allows number of users to give the exam at same time and show the results at the end of the test, so the user do not need to wait for the result. It is evaluated and generated by the server. The administrator has access to create, modify and delete the test papers and its particular questions. The user can register, login and can give the test with his allotted id, and can see the results as well at the end of the exam. Other person can view the sample papers to check the structure of the online exams. It eliminates the use of items like pen, paper, etc, it provides more technical and accurate structure.

II. EXISTINGSYSTEM

In existing system , the information is not provided related to the Problem-solving skills which are important in every career at every level. , but will also need effective knowledge. The test is not framed in proper way , it does not cover the every aspects of the field , which gives the lack of covering of the streams of modern needs and career enhancement and development. , which than bounds the user to choose the limited stream provided by the system.

III. PROBLEMSTATEMENT

The most common problem is result's accuracy ,if the analysis is not up to the point than it will lead to generation of wrong results for every user. In order to avoid such crashes the system is developed in more realistic form , which gives user to verify end-to-end results and tests.

IV. TECHNOLOGYSTACK

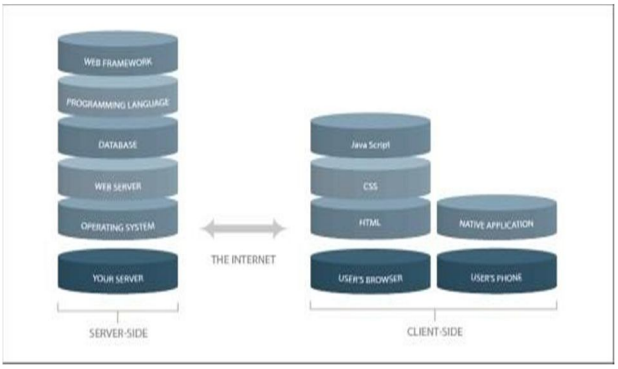

Fig. 1: Technology Stack

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V. HIGHLIGHTS OF THESYSTEM

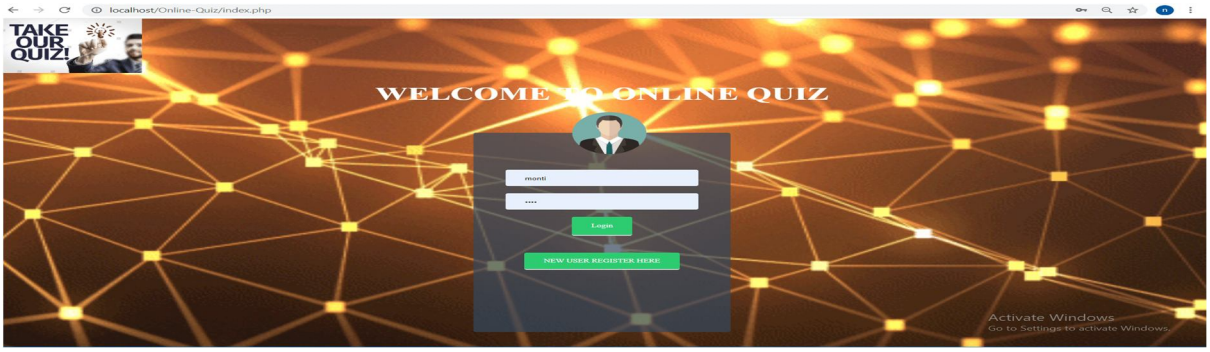

Fig. 2: Home Page & Login Page

A. Module 1:Admin Panel

Fig. 3: Admin Panel

The administrator can change the , update and verify the records of the user and maintain the track of the user profile. This is the list of registered user for the quiz.

B. Module 2:Subject List Page

Fig. 4: Subject List Portal

This is the List Portal shows the various list/fields for quiz , user can select by clicking on the field than they can start the test.

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C. Module 3:QuizPortal

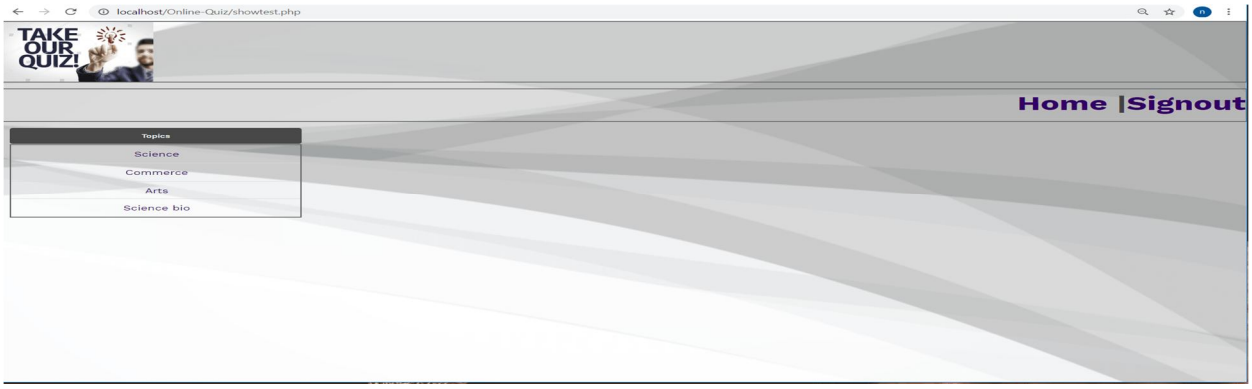

Fig.5: Quiz Portal

This is the Quiz Portal, here a series of question having MCQ ,consist of start test, previous question ,next question , review test and submit test option .Here total number of question are shown ,having options of with or without negative markings.

D. Module 4:Result

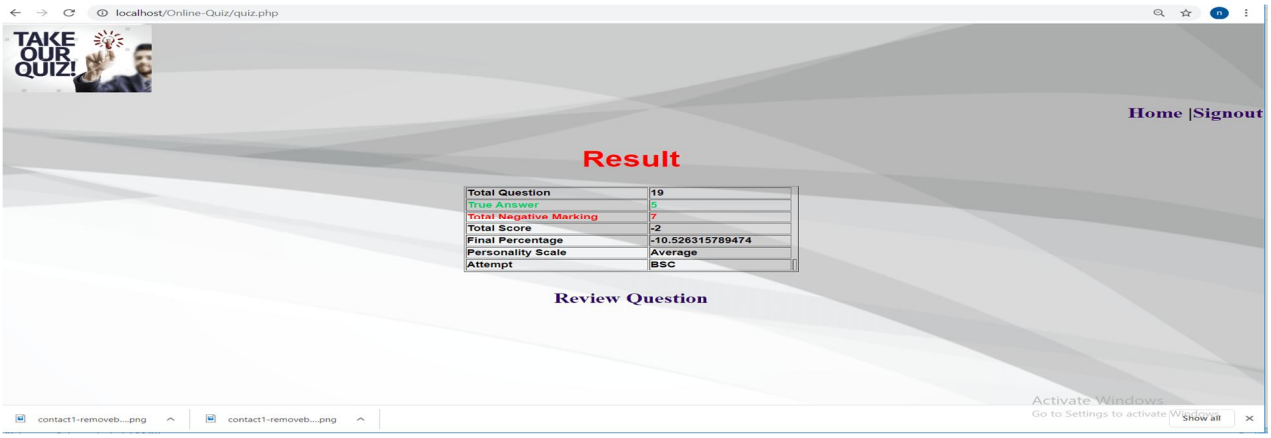

Fig. 6: Result Portal Here the result/report of the test performed by the user is generated.

VI. FUTURESCOPE

In our project now we are implementing ML. This system gathers the data and facts , analysis the problems and using the related information to recommend improvements on the system. This will provide a problem solving activity that requires intensive communication between the system users and system developers. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made , which provides more involvement of the user in near future.

VII. ACKNOWLEDGMENT

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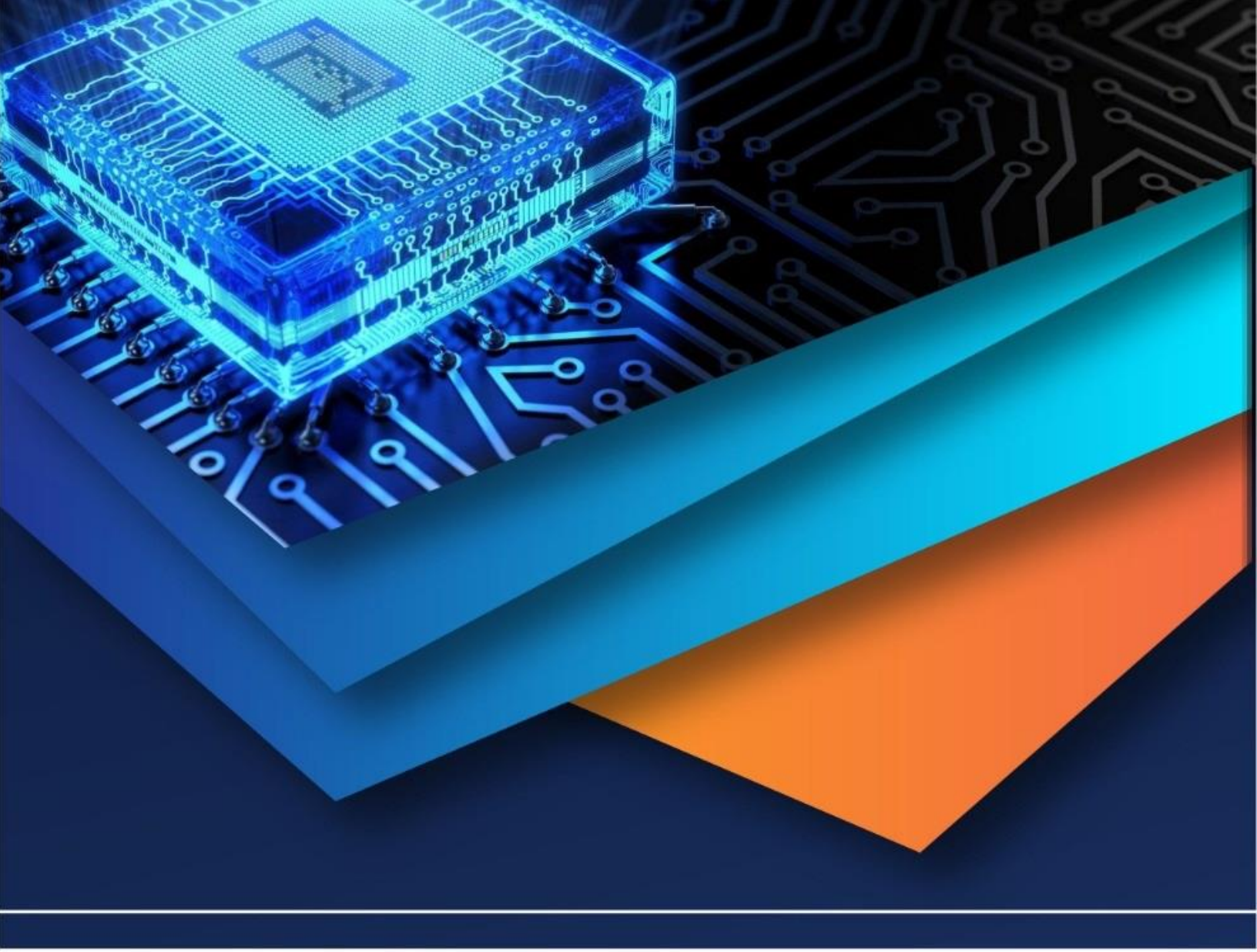

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