**INTRODUCTION**

This website application(QUIZ 24) provides facility to play online quiz and practice computer science, Grammar, aptitude and G.K. it provides a good platform, where a learner not only judge there knowledge/skill but also they can improve knowledge/skill at the same time.

**PROBLEM STATEMENT**

Our aim is to develop a website for users in which a use can attempt any number of quiz related to his/her choice**.**

Before start of the Quiz, the rules and regulations are displayed that includes description of time limit, number of questions to be answered and scoring methods. Quiz is started by displaying ten questions with four options each based on category chosen ie General Knowledge, Verbal Reasoning and Computer Science. If the answer is correct, scores incremented by two and no negative marks for wrong answers. If the time exceeds 10minutes or all the questions are answered the quiz is stopped .

**SCOPE**

Technological advancements in this era of digitization along with being a boon to the world have been advantageous to the educational sector too. The introduction of online quiz replaced the conventional system of assessment.

The various examination conducting agencies are now able to evaluate the test takers freely and cost effectively through **Computer based test**.

Taking online quizzes makes it possible to have a large number of participants. It could be up to a number of 1000 participants (and even more!). It doesn’t matter at what kind of location they take the online quiz as long as they are connected to the Internet.

Another plus of online quizzes is getting immediate results from your participants.

Quizzes can be given without an instructor, which saves money and time.

There are several ways to gain more brand awareness: Generate new interactive sales opportunities, build your traffic to your online channels, improve time spent on site and improve the sharing on social media about your campaign and brand.

**HARDWARE INTEREFACE**

|  |  |  |
| --- | --- | --- |
| S.NO | NAME | HARDWARE |
| 1 | PROCESSOR | INTEL DUAL CORE(32 BITs) |
| 2 | RAM | 2 GB |
| 3 | PROCESSOR SPEED | 2GHz |
|  |  |  |
|  |  |  |

**SOFTWARE INTERFACE**

|  |  |  |
| --- | --- | --- |
| S.NO | NAME | SOFTWARE |
| 1 | OPERATING SYSTEM | WINDOWS, MAC, ETC |
| 2 | HTML | VS CODE |
| 3 | CSS | VS CODE |
| 4 | JAVA SCRIPT | VS CODE |

**PROJECT DESCRIPTION**

In this website we have concluded different types of quiz categorized in our category section.

In the category section we have added a section named as upcoming events where quizzes are based on upcoming events as amrit Mahotsav, new year, etc.

In each section in category we have categorized the quiz for sub-subjects too.

Students can click on their desired quiz to start the quiz, every quiz contains some questions and there is a time limit of 15 sec. for each question after the quiz total marks scored will be displayed

We also created a contact form in which you can also ask your query if needed.

And at last there is a about us section in which the information about our team members are mentioned.

**CHALLENGED FACED**

Understanding the problem.

Carry out the plan and write the actual code.

Create a step by step plan for how to solve it.

Look back and possibly refactor your solution if it could be better.

**CONCLUSION**

As mentioned the project is on java platform which is coded in VS code IDE with help HTML, CSS and JavaScript and running as web page by web browser. But this project is only for MCQ quiz but in the future we have plan to extend it to support subjective type of questions with more

functionality. We will add Administrative part on it which able the system to delete test, add user, delete user and so on graphically vie the web.

To conclude, this is a simple Online MCQ Quiz which able a teacher to punch MCQ question to system which will be store in SQL Server database and able the student to attempt any test for once. The marks

of student will be calculated according to questions they attempt and will be displayed by the system to teachers and student.