**Synopsis**

**Project Topic: - Quiz Mania**

**Project Group Member:**

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**Project Supervisor:**

**1. Mr. Anand Prakash Gupta**

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**Problem Statement:**

Many Colleges, Institutes and academic centers work in manual mode for taking examinations. This is time consuming as well as resource consuming. All such operations are handled on test copies, files or registers manually. This project intends to use the latest advancements in information technology and provide a central web solution for automating some basic examination.This will help many stakeholders of a college, institute or school to quickly do examinations online.

**Objective:** It is a good source of interactivities among students and between the teacher and students. It is done in order to improve student‘s comprehension levels and learning motivation. As one of their tools, online test tools are quite effective. However, in order to use the online test tool, a teacher is generally required a great deal of labor.

For example, a teacher needs to create quizzes and input them in the online test tool.

In order to solve these problems, we have developed a Web-based online test system which can create quizzes competitively and collaboratively by students for the purpose of reducing the load required for a teacher and promoting interactions among students and between the teacher and students.

**CONCLUSION:**

# This project intends to automate some of the basic operations of an institute or college or a school related to examination. Scope would be to provide basic functionalities using a web application so that those manual processes can be automated.

# 1) On-line Quiz system is designed for Educational Institutes (like schools, universities, training centers).

# 2) The system handles all the operations, and generates reports as soon as the test is finish, that includes name, marks, correct answers etc.

# 3) Allow students to see or display his answers after the exam is finished.

# 4) The type of questions is only multiple choices.

# 5) Administrator can create categories, questions etc

**Contribution Summary:**

· Vijay Kumar Tyagi :- **HTML5, CSS, JavaScript, Nodejs, MongoDB**

· Tanesh Gupta :- **HTML5, CSS, JavaScript, Nodejs, MongoDB**

· Saurabh Saraswat:- **HTML5, CSS, JavaScript, Nodejs, MongoDB**

· Bhanu Pratap Singh :- **HTML5, CSS, JavaScript, Nodejs, MongoDB**

· Prateek Sharma :- **HTML5, CSS, JavaScript, Nodejs, MongoDB**

**Ø Hardware Requirements:**

**· RAM:- 4.00GB**

**· Processor:- Intel(R)Core(TM) i3-4005U CPU @ 1.70GHz**

**Ø Software Requirements:**

**· VSCode text editor for creating API.**

**· Node js for hosting server on localhost**

**. RoboMongo 3T for visual representation of Database**

**Ø Technologies:**

**· HTML 5**

**· CSS**

**· JavaScript**

**. Node js**

**. MongoDB**

**. React JS**

**. Express**

**Signature of Project Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**