

# JAVA MINI - PROJECT

PROJECT - Quiz Management System (QuizHub)

GUIDE - Prof. Mukesh Israni

Group No : 29

GROUP MEMBERS -

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## OBJECTIVE /VISION:

- ❑ The application focuses on creating a well defined exam/quiz to provide a common platform to connect student and teacher online.
- ❑ Conduct exam effortless.
- ❑ Quick Result Processing.
- ❑ All questions are stored in the databases which reduces the manual work of every teacher.
- ❑ Reduce exam anxiety amongst the students.

# FEATURES:

## Teacher :

- Can create quiz after logging in.
- Can enter number of question in a MCQ format along with an answer key at the time of creating quiz.
- Can view all the questions that has been created.
- Can add new, delete and update questions any time.
- Can view all the students result and hence can view the result statistically according to the marks.
- Teachers will be creating a timer-based exam.

# FEATURES:

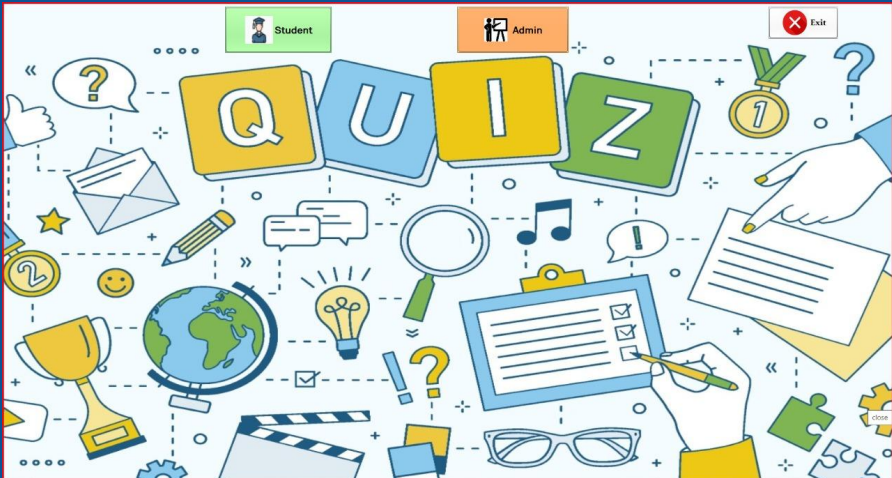
## Students :

- Need to login in order to attempt the quiz.
- After completing all questions, result will be displayed automatically.
- In case the timer runs out, the application will calculate the score automatically and direct us to the result page.

## TOOLS AND SOFTWARE IMPLEMENTED:

- We have used Netbeans for Java for both Frontend and Backend in which we have used swing application containing JLabel, JTextField, jTable, JButton, jRadioButton, jMenuBar, jComboBox, jPasswordField.
- We have also implemented the concept of Exception Handling, Control Statement, Encapsulation, String, etc in our project.
- We have also used MySQL and JDBC for Backend as well as Database and implemented DDL and DML commands.

## PREVEIW OF THE PROJECT:



Navigation Bar

Add New Question

Update Question

All Question

Delete Question

Students Result

Logout

Exit

ADD NEW QUESTION

Question ID 6

Question :

Option 1 :

Option 2 :

Option 3 :


Option 4 :

Answer :

Save

Clear

# PREVIEW OF THE PROJECT:

 **Fill up the form** Date : 08-12-2020 ⏪ Back ✖

Name :

Roll Number :


Class :


Division :

Gender :

Contact Number :

Email ID :

 **Save and Next**

 **Welcome** Date : 08-12-2020 Total Time : 10 min Time Taken -> 0 : 18

Roll no : 130

Name : Kapil

Total Question : 10

Question Number : 1

Total Marks : 00

**E-R Model uses this symbol to represent a weak entity set?**

- ☐ Dotted rectangle
- ☐ Diamond
- ☐ Doubly outlined rectangle
- ☐ None of these

⏩ Next 📄 Submit

## **FUTURE SCOPE:**

- We can upgrade our quiz management system (Quizhub) in which multiple teachers can sign up, login and create multiple quizzes.
- Teachers can set the time duration for quiz manually and can also insert images to the questions.
- Teacher can also decide which student can appear for the quiz.
- We can enhance our project by adding new features such that student can check their results and get statistics of all their previous performances and have a user interface like MS Teams.





THANK YOU