

USER GUIDE - Quiz Manager

In this project, command line execution approach is implemented. Following are steps for execution of Quiz Manager

1. Run the '**Quiz Main**' class to execute the main method. System will ask you to enter your 'username' and 'password'.
2. System will authenticate the user as per User Type (i.e Student or Teacher) and will redirect the user to the Student/Teacher functionalities of the Quiz.

1. Teacher approach:

```
What do you want to do ?  
1 -> Create/Update/Delete/Search question  
2 -> Generate quiz question based on topic
```

1

Teacher will be able to perform 2 operations:

1. Create/Update/Delete/Search question:
 - a. Create Question: In this functionality, user will create both MCQ and Open questions
 - MCQ Question
Enter the question, difficulty and topic of the question. User needs to enter 4 options along with the flag 'T' against the correct answer.
 - Open Questions
Enter the question, difficulty and topic of the question. Next step is to provide the String answer for the open question.
 - b. Update Question: User first needs to enter the Topic. Then, the list of questions will be displayed as per selected topic. In next step, user will select the question which has to be updated based on question Id. The question along with difficulty will be updated by the user.

```
ID: 5 Question: 2*3
Difficulty: 1
Answer: 4
```

```
ID: 6 Question: 6*5
Difficulty: 1
1: 6
2: 30 (Correct Answer)
3: 54
4: 85
```

Please input the ID of question you want to edit

5

Write new question to replace old one, example: What 2*2?

2*2

What is the new difficulty level from 1 to 5?

1|

c. Delete Question: User will enter the Topic. Then, the list of questions will be displayed as per selected topic. In next step, user will select the question which has to be deleted based on question Id.

```
ID: 5 Question: 2*3
Difficulty: 1
Answer: 4
```

```
ID: 6 Question: 6*5
Difficulty: 1
1: 6
2: 30 (Correct Answer)
3: 54
4: 85
```

Please input the ID of question you want to Delete

5

DELETE SUCCESSFUL

Do you want to delete another Question? : Enter Y/N

d. Search Question: Questions are searched based on 'Topic'. User will enter the Topic. Then, the list of questions will be displayed based on selected topic.

2. Generate quiz question based on topic

In this method, the User has to enter 'Topic' based on which all the questions listed in that topic will be displayed and in next step user needs to enter the 'Title of the Quiz'. Once the Quiz is created, the system will ask user to save the created quiz as '.txt' file in 'D:\\' folder.

Lets find the questions you want to update in the Quiz
Provide the topic for Question search, eaxmple: Java,Math

Math

ID: 2 Question: Quest ce-que tu as mangee samedi matin?
Difficulty: 3
Answer: Samedi Soir, J'ai mangee au riz avec au poulet.

ID: 3 Question: 5×9
Difficulty: 2
1: 45 (Correct Answer)
2: 50
3: 87
4: 96

ID: 4 Question: $9 - 8$
Difficulty: 1
1: 1 (Correct Answer)
2: 5
3: 9
4: 7

ID: 6 Question: 6×5
Difficulty: 1
1: 6
2: 30 (Correct Answer)
3: 54
4: 85

Enter the Title of the Quiz

Math Quiz 1

2. Student Approach

In Student login, the user will be prompted with list of quiz available along with their Quiz Ids.
User will select the quiz based on Quiz ids which will then redirect the user to Quiz page.

Do you want to take quiz? Enter : Y/N

Y

We have following different quiz

Quiz ID: 1 Quiz Title : Math- Level 3
Quiz ID: 2 Quiz Title : Combined Test

Provide the quiz ID you want to take?

1

Once the quiz is submitted, the score is calculated and displayed on the output screen.

2
Q5 9*9

1: 45

2: 81

3: 87

4: 35

Your Answer:

2
Q6 Comment Ca Va?

Your Answer:

Ca va.
Q7 Comment tu t'appelle?

Your Answer:

Je m'appelle Saurabh
Q8 Quel age as tu ?

Your Answer:

J'ai 23 ans.

Quiz completed. Your score is 5 out of 8