

# User Manual for Quiz manager

This document is the user guide intended to provide the instruction to the user for smooth operation. We implemented the Quiz manager using command line execution. Please Refer to following steps for launching quiz manager.

**Step1:** Run QuizManager.java as “Java Application”

**Step2:** We support 2 type of user Student and teacher. Console will display the following, For Login as as a Student Enter “1” and For Teacher Enter “2” to the console.

## User Type: Students

Step1: After login

Step2: Enter credentials, then Press Enter

Step3: Quiz will be launched, Enter the correct answer option for MCQ questions and answer for open questions. Enter “I don’t know” if are answer is unknown

Step4: After finishing quiz, grade will be generated immediately on the console. you can take another quiz by entering “Y” into console or “N” for exit.

```
Login as:
1. Student
2. Teacher
1
Please register :
Enter your name:
Amy
0) Java & math Easy
1) Java and Math Easy
0
1) What is 2*2 ?
1) 5
2) 7
3) 3
4) 4
Enter the Answer (1, 2, 3 or 4):
4
2) What is JVM?
Enter the Answer :
java virtual machine
3) What is JDBC?
Enter the Answer :
I don't know
66.66666666666666
Your Grade is 'B'
Take another Quiz? (Y/N)
n
```

## User Type: Teacher

Step1. Please enter login & Password, Enter the corresponding number to the operation in console. Cautions only integer input are accepted, failing to provide correct input will result in error. Teacher User is able to perform 6 operations i.e create, modify, delete, search, create and export, exit.

- a. **Create:** User can create two types of questions. Select “a” for open questions and “b” for MCQ questions. User is needed to add answer, difficulty level and topic for the open questions.

- Refer the following flow for open questions.

```
Login as:
1. Student
2. Teacher
2
Please enter your login :
admin
Please enter your password :
password
You are authenticated !

Please choose one of the following options :
1.Create a Question,
2.Modify a Question,
3.Delete a Question,
4.Search a question/List of Question,
5.Create and export a Quiz,
6.Exit
1
Create :
a) Open Question
b) MCQ Question
a
Enter the Question :
What is JVM?
Enter the Difficulty (1 or 2 or 3):
1
Enter the topics in a comma(,) separated list :
java
Enter the Answer :
java virtual machine
Question Created !
```

- Flow for MCQ Questions. User is needed to add 4 options with one correct answer, topic and difficulty.

```
Please choose one of the following options :
1.Create a Question,
2.Modify a Question,
3.Delete a Question,
4.Search a question/List of Question,
5.Create and export a Quiz,
6.Exit
1
Create :
a) Open Question
b) MCQ Question
b
Enter the Question :
What is 2*2 ?
Enter the Difficulty (1 or 2 or 3):
1
Enter the topics in a comma(,) separated list :
math
Enter the Correct Choice :
4
Enter the 3 incorrect Choices :
5
7
3
Question Created !
```

- b. Update:** User can update questions based on the topic. On the console We have feature for user to update open and MCQ type question in the console. Based on the question ID user will be able to alter the difficulty of the question. Refer the following flow for reference.

```
Please choose one of the following options :
1.Create a Question,
2.Modify a Question,
3.Delete a Question,
4.Search a question/List of Question,
5.Create and export a Quiz,
6.Exit
2
Update :
a) Open Question
b) MCQ Question
a
Enter the id of the Question you wish to Update
2
Enter the new Question :
What is JDBC?
Enter the new Difficulty (1 or 2 or 3):
1
Question Updated !
```

- c. Delete:** User is provided with the option to delete the question based on the question ID. Refer to the following flow for execution of delete

```
Please choose one of the following options :
1.Create a Question,
2.Modify a Question,
3.Delete a Question,
4.Search a question/List of Question,
5.Create and export a Quiz,
6.Exit
3
Delete :
a) Open Question
b) MCQ Question
b
Enter the id of the Question you wish to Delete
1
Question Deleted !
```

- d. Search:** User can either search all the database or topic wise. Four options are provided for search operation.
- i. All open question:** displays all the open questions in database available for user.
  - ii. All MCQ questions:** displays all the MCQ questions in database available for user.

Please choose one of the following options :

- 1.Create a Question,
- 2.Modify a Question,
- 3.Delete a Question,
- 4.Search a question/List of Question,
- 5.Create and export a Quiz,
- 6.Exit

4

Get :

- a) List of all Open Questions
- b) List of all MCQ Questions
- c) Topic wise Open questions
- d)Topic wise MCQ Qusetions

b

Question [id=1, question=What is 2\*2?, topics=[math], difficulty=1]

Please choose one of the following options :

- 1.Create a Question,
- 2.Modify a Question,
- 3.Delete a Question,
- 4.Search a question/List of Question,
- 5.Create and export a Quiz,
- 6.Exit

4

Get :

- a) List of all Open Questions
- b) List of all MCQ Questions
- c) Topic wise Open questions
- d)Topic wise MCQ Qusetions

a

Question [id=1, question=What is JVM?, topics=[java], difficulty=1]

Question [id=2, question=What is DBC?, topics=[java], difficulty=1]

Question [id=3, question=What is meant by Interface?, topics=[java], difficulty=3]

- iii. Topic wise open questions:** displays all the open questions in database available for user based on topics.
- iv. Topic wise MCQ Questions:** displays all the MCQ questions in database available for user based on topics.

Please choose one of the following options :

- 1.Create a Question,
- 2.Modify a Question,
- 3.Delete a Question,
- 4.Search a question/List of Question,
- 5.Create and export a Quiz,
- 6.Exit

4

Get :

- a) List of all Open Questions
- b) List of all MCQ Questions
- c) Topic wise Open questions
- d)Topic wise MCQ Qusetions

c

Enter the topics in a comma(,) separated list :

java

Question [id=1, question=What is JVM?, topics=[java], difficulty=1]

Question [id=2, question=What is DBC?, topics=[java], difficulty=1]

Question [id=3, question=What is meant by Interface?, topics=[java], difficulty=3]

Please choose one of the following options :

- 1.Create a Question,
- 2.Modify a Question,
- 3.Delete a Question,
- 4.Search a question/List of Question,
- 5.Create and export a Quiz,
- 6.Exit

4

Get :

- a) List of all Open Questions
- b) List of all MCQ Questions
- c) Topic wise Open questions
- d)Topic wise MCQ Qusetions

d

Enter the topics in a comma(,) separated list :

math

Question [id=1, question=What is 2\*2?, topics=[math], difficulty=1]

- e. **Create and export:** User can export quiz based on the topics and difficulty. Refer to following flow for the execution of create and export.

```
Please choose one of the following options :
1.Create a Question,
2.Modify a Question,
3.Delete a Question,
4.Search a question/List of Question,
5.Create and export a Quiz,
6.Exit
5
Enter the topics for the Quiz in a comma(,) separated list :
java,math
Enter the Difficulty level for the Quiz (1 or 2 or 3):
1
Enter a Title for the quiz
(Eg: Java Quiz Easy/Medium/Hard)
Java & math Easy
Do you Want to export quiz as text file? (y/n)
y
File Created : D:\Java & math Easy.txt
Quiz Created successfully !
```

- f. **Exit:** Closes the application

```
Please choose one of the following options :
1.Create a Question,
2.Modify a Question,
3.Delete a Question,
4.Search a question/List of Question,
5.Create and export a Quiz,
6.Exit
6
You've selected to exit the application
|
```