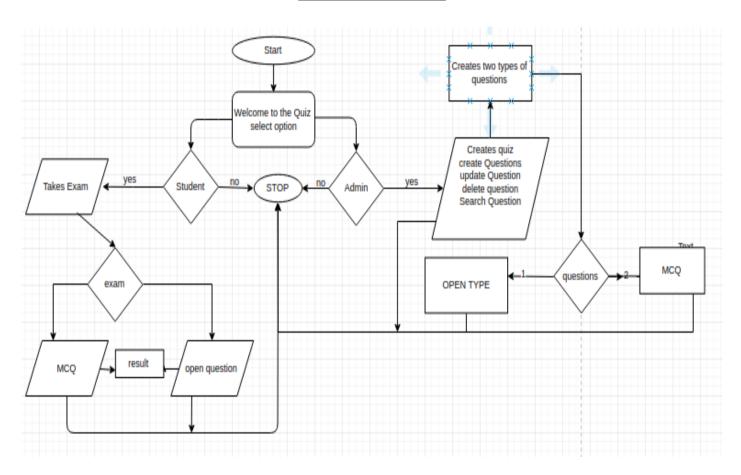
## Fundamental Java Project: Quiz Manager

**Project Title: QUIZ MAKERS AND TAKERS** 

#### **Contents:**

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- 2) How to open project
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## **FLOW CHART**



### Fundamental Java Project: Quiz Manager

#### **Project Title: QUIZ MAKERS AND TAKERS**

Please follow the below steps to execute the application and review its functionalities in Eclipse IDE.

**Step 1:** Open Eclipse IDE software in your laptop/ system

**Step 2:** Open the java project Quiz\_Manager\_Final in Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access

      III Package Explorer ☑ Ju JUnit
      ☐ ☐ Answer.java
      ☑ Admin.java
      ☑ Launcher.java
      ☑ Quiz.java
      ☑ Student.java
      ☑ Quiz.JDBCDAO.jav

                                                                                                                                                                              private static Scanner sc;
private static int opt;
 ▼ 🕞 > QuizManager-epita [QuizManager-epita m
                                                                                                                                                   15
160/**
17 * Main method starts from the execution will start
18 * @param args
19 * @throws CreateFailedException
20 */
Comparison of the execution argument of the execution will start a second or execution argument of the execution will start a second or execution argument of the execution will start a second or execution argument of the execution will start a second or execution argument of the execution will start a second or execution argument of the execution will start a second or execution argument of the execution argument
      ▶ @lib
       ▶ @sql
       ▼ @=> SCC
              ▼@fr
                                                                                                                                                                              public static void main(String[] args) throws CreateFailedException {
    System.out.print("Welcome to the epita Quiz\n");
    System.out.print("Please select the option\n");
    System.out.print("1.Admin\n2.Student\n");
    sc = new Scanner(System.in);
    opt = Integer.parseInt(sc.nextLine());
    if(opt==1) {
        System.out.println("You Are Admin");
        Admin adm=new Admin();
        adm.myAdmin();
    }
}
                    ▼ 🕞 epita
                            ▼ 🔓 quiz
                                   Answer.class
                                               Answer.java
                                              Difficulty.class
                                               Difficulty.java
                                              Ouestion.class
                                                                                                                                                                             }
else if(opt==2) {
    System.out.println("You Are A Student");
    Student sdnt=new Student();
    sdnt.myStudent();
                                              Question.java
                                              Ouiz.class
                                             Quiz.java
                                   exception
                                                                                                                                                                                            }
else
{
                                 ▶ € launcher
                                  System.out.println("Entered Wrong Answer"):
              Quiz_result.txt
              README.md
```

Please search and right click on the file name **Launcher.java** using the below path,

Quiz\_Manager\_Final >> src >> fr.epita.quiz.launcher >> Launcher.java

Run the class as java Project

## Module 1

#### Admin Module

The console will display the page as below,

```
Launcher [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (Jul 4, 2019, 4:02:45 PM)

Welcome to the epita Quiz
Please select the option
1. Admin
2. Student
1
You Are Admin
Please enter your login :

mahesh
Please enter your password :

M@hesh1992
```

Now, in the main menu, please enter the option '1' to access the **admin/menu**, and give user name and password then the following page will be displayed. Then enter the input as '1' again to **Create Quiz**, and follow the steps displayed in the below image to successfully create the question.

```
Option not recognized, please enter an other option
Welcome to Admininstrator Console
1. Create Quiz

    Create Question
    Update Question

4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :
Please Enter Your Topic
JAVASCRIPT
Question and Answers are created Successfully.
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :
```

Then, enter the input as '2' again to **Create Question**, and follow the steps displayed in the below image to successfully create the question.

```
Option not recognized, please enter an other option
Welcome to Admininstrator Console
1. Create Quiz
Create Ouestion
3. Update Question
4. Delete Ouestion
5. Search Question
q. Quit
What is your choice ? (1|2|q) :
2
1 JAVA
2 python
3 DATABASE
4 Perl
5 science
6 JAVASCRIPT
7 DataScience
Select Quiz Title ? :
Select the type of question 1.0pen Question
Multiple Answer
```

now select 1 the options to create open question or multiple choice questions, Selected 1 to create open questions

```
6 JAVASCRIPT
7 DataScience
Select Quiz Title ? :
7

Select the type of question 1.0pen Question
2.Multiple Answer
1
Welcome to create a Open Question
Enter Question:
what is datascience ?
Enter Topic:
programing
Enter Difficulty:
3
Enter Hint:
datasciene
Enter Actual right Answer:
datascience
```

Now select option to create multiple questions

```
Select the type of question 1.0pen Question
2.Multiple Answer
Welcome to create a Multiple Question
Enter Question:
what is java main function?
Enter Topic:
programing
Enter Difficulty:
Enter Option A:
systemindependent
Enter Option B:
dependent
Enter Option C:
nota
Enter Option D:
allttheabove
Enter Actual right Answer:
systemindependent
Ouestion and Answers are created Successfully.
 Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :
```

#### Admin can update the question based on topic and difficulty as follows

```
Question and Answers are created Successfully.
 Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
Search Question
What is your choice ? (1|2|q) :
Welcome to Update a Question
Enter Topic
programing
Enter Difficulty
Enter Old Question
what is datascience ?
Enter New Question
what is the solution for recent data related issues?
```

#### Admin can delete question based on topic

```
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q):

4
Welcome to Delete a Question
Enter Topic to Delete
programing
Enter Question to delete:
what is java main function?
Question deleted Successfully.
```

#### Admin can search questions based on topic

```
Question deleted Successfully.
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :

5
Welcome to Search a Question
Enter Topic to Search
programing
Questions retreveid basede on Topics are given below::
what is datascience language ?
```

#### Admin can Quit from the application by giving q

```
what is datascience language?
Welcome to Administrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :

q
Good bye!
```

## Module 2 STUDENT MODULE

#### Student taking test

```
Welcome to the epita Quiz
Please select the option
1.Admin
2.Student
You Are A Student
Welcome TO THE Quiz
Please Select TOPIC From Below Options
1 -- JAVA
2 -- python
3 -- DATABASE
4 -- Perl
5 -- science
6 -- JAVASCRIPT
7 -- DataScience
8 -- R
9 -- Documnetum
```

Student selects 2 to take the test

After entering as a student student should select the the option to select the subject, Then user should select the type of quiz

Multiple choice is as below

```
Select the type of question
1.0pen Questions
2.Multiple Questions :
Question : In which year java is created?
Opti-on A :1992
Option B :1993
Option C :1994
Option D :1991
Enter Your Choice:
Question :what is first java program?
Opti-on A :helloworld
Option B :hiworls
Option C :myworld
Option D :yourworld
Enter Your Choice:
helloworld
Question :what is the common factor in c++ and java?
Opti-on A :opps
Option B :caps
Option C :maps
Option D :locks
Enter Your Choice:
opps
Your Score is :::2
You can check the score with correct answers in text file
```

User can select open questions as follows

```
Select the type of question
1.0pen Questions
2.Multiple Questions :
Question :what is java ?
Hint :program
Enter Your Answer:
programinglanguage
Question : In which year java is created?
Hint :1991
Enter Your Answer:
1991
Question :what is first java program?
Hint :yourworld
Enter Your Answer:
helloworld
Question :what is the common factor in c++ and java?
Hint :locks
Enter Your Answer:
opps
Your Score is :::1
You can check the score with correct answers in text file
```

The user should give the answer based on hint.

The final result will be saved in textfile as follows

```
1
2 Question is :what is java ?
3 Correct Anser is :programing
4 Question is :In which year java is created?
5 Correct Anser is :1991
6 Question is :what is first java program?
7 Correct Anser is :helloworld
8 Question is :what is the common factor in c++ and java?
9 Correct Anser is :oops
10 Total Marks you socred in this Quiz is :1
```

# Result: All the requirments are satisfied.