TRIVIA

This is a quiz game made in java with object oriented approach. This game was developed by Rupinder Pal Singh in about 1 week for a College Project.

# ANALYSING THE PROBLEM

* So this app will have a Player and a Manager to work with.
* Since there will be just one manager so the manager can not register himself.
* The users need to be saved after every registration just for the runtime.
* Each username to login must be unique.
* Manager should just have an access code.
* Manager can edit the game.
* User can just Play the game.
* Each category consists of 10 question.
* Manager should be able to edit the question or add categories.
* Use files to store all the data. So that it is easy to manage.

# LOGIN

## PLAYER

* The Player and the Manager both can login.
* Player can try logging in with the username and password.
* If not registered yet you won’t be able to login.
* To register the Player needs to enter Name, Username, Password and Email.
* Players are not allowed to register with usernames that already exist.

### MANAGER

* Manager needs the special code to login to the game. For the first time the code is set to be ‘1234’.
* Manager cannot register because there is always just one Manager.
* Manager cannot edit his profile.
* Manager can change the special code.

# WORKING

## PLAYER

* The player has to register before beginning the game.
* If the player tries to login without registering; the game will prompt the player to register.
* After logging in the Player gets to select the categories.
* The Quiz begins according to the category selected.
* Each question has four options. Player gets to enter the correct number of the option.
* After answering the Player gets to know if he/she has answered correctly or not.
* In the end the game displays the total score out of 100 as the percentage.

## MANAGER

* The manager has the power to edit the questions of the Game, add new Categories.
* The manager enters the access code to access the game.
* The manager gets the option to edit questions of the Game, add new Category or change the special code.
* To edit the questions the manager needs to select the category.
* All the questions in the category are displayed Manager can select the question which he wants to edit.
* Then enter the new question and press Enter.
* Then the Manager is asked to enter the Answer for the new question.
* Press Enter to save.
* If manager selects to add new category then the app asks for the category name.
* After that the program keeps on asking the user to enter 10 questions one by one with their answers.

## GAMEPLAY

* So the game works with a text file that consists of all the questions and answers and another text file that contains all the category names.
* When the Manager wants to change a question the program compares the question selected with the String in the text file and just replace it.
* Adding a new category works by just appending the text file with the questions and answers and the category text file with the name of the new category.
* When the Manager updates a question or adds a new category. It updates all the data and when the user logs in again to play the game. User will be able to see the new Category with the new questions.

THANKS

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