Interactive Quiz Game

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1 Introduction

This is an Interactive Quiz Game for enhancement of knowledge. Users will be able to test themselves on a wide range of topics by participating in various activities. A user can compare himself with others by viewing the leaderboard.

2 Approach

We start by creating a database of questions along with their correct answers. These questions could be Multiple Choice Questions, Audio/Video Questions, True or False, Fill in the blanks, etc...

Login authentications will be of 2 types, for users and adminstrators. Users can create their profiles, participate in quizzes and view their positions in the leaderboard. Whereas, Admins can modify/add new questions/topics for quizzes, they can also manage users' profile data.

We can create a database where scores of each user will be stored and we can generate a leaderboard (with rankings) based on above data.

3 Functionalities

Admin Functionalities:

- Can add/modify questions

- Can add/modify topics

- Can change questions from one topic to another

- Can manage user data

User Functionalities:

- Can create his own profile with personal data (nickname, nationality, email id, etc...)

- A user will be able to login to website to see his scores.

- A user can choose from the given topics.

- Can also choose an inter-topic quiz.

- Can access the leaderboard to compare with others.