

Quizzer App

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Quizzer App Description

Quizzer is a quiz app that allows users to test their knowledge in various areas such as science, entertainment, general knowledge, etc.

The app offers the possibility to play alone or in multiplayer mode, so that two players can compete against each other. In multiplayer mode, all players receive the same questions and scores are updated simultaneously. This makes for a fair and interactive gaming experience.

Players can choose the category and difficulty level of the quiz, which makes the game more individual. The question type is also flexible: there is the option of answering multiple choice or true/false questions, which offers a varied and challenging gaming experience.

The feedback is immediate, so the player knows immediately after answering whether the answer was right or wrong. The score is displayed in real time and the player can track their performance as they work through the questions.

Not only is this app fun, but the multiplayer mode allows for a competitive experience where friends can compete against each other, see their scores as they play and track each other's progress in real time.

[Features]

1. Question category registration

1. List of available categories (e.g. general knowledge, entertainment, science, etc.).
2. Possibility to select the category for the quiz.

2. Selection of the level of difficulty

1. Difficulty : Easy, medium and hard.
2. Allows the user to choose the level of difficulty of the questions.

3. Selection of question type

1. Multiple choice questions.
2. True or false questions.
3. Or a combination of both.

4. User-defined number of questions

1. The user can choose how many questions he wants to answer (e.g. 10, 20, 30).

5. Instant feedback for answers

1. Shows whether the answer was correct or incorrect immediately after the selection
2. . Final results screen

6. 5. Integration with Trivia API (Open Trivia Database - OTDB)

1. Request questions directly from a free API.
2. Dynamic and randomized answers based on the chosen parameters (category, difficulty, etc.).

7. Multiplayer mode with Firebase

1. Implementation of Firebase to enable multiplayer games in real time. - Synchronization of answers and scores between players.
2. Real-time scoring and ranking
3. Displays players' scores as they answer
4. Updates the score in real time without having to reload the screen.

8. Displays the total score, time taken and other statistics after the quiz has been completed.

[Data Model]

Missing

[Mock-up of the App]





