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User Guide for Quiz Master:

1. **Welcome to Quiz Master:**

   - Upon running the application, you will be greeted with the main menu of Quiz Master.

2. **Main Menu Options:**

   - **Play Quiz (Option 1):**

     - Select this option to start playing the quiz. You will be presented with 10 random questions, and you need to choose the correct answer from the given options.

     - Your final score will be displayed at the end of the quiz.

   - **Add Quiz Questions (Option 2):**

     - Only available to users logged in as an admin.

     - Use this option to add new quiz questions to the question bank.

     - Enter the question, options, and correct answer when prompted.

   - **Create an Account (Option 3):**

     - If you're a new user, select this option to create an account.

     - Enter your desired username and password to create your account.

   - **Login Panel (Option 4):**

     - Use this option to log in to your existing account.

     - Enter your username and password to log in.

   - **Logout Panel (Option 5):**

     - Select this option to log out from your current account.

   - **See Instructions (Option 6):**

     - Provides instructions on how to play the game and navigate the application.

   - **Exit (Option 7):**

     - Select this option to exit the Quiz Master application.

   - **About Us (Option 8):**

     - Provides information about the project and its creators.

3. **Playing the Quiz:**

- Answer each question by typing the letter corresponding to your chosen option (A/B/C/D).

- Your final score will be displayed at the end of the quiz.

4. **Adding Quiz Questions:**

- Only accessible to users logged in as an admin.

- Follow the prompts to enter a new quiz question, options, and the correct answer.

5. **Creating an Account:**

- If you're a new user, select the "Create an Account" option from the main menu.

- Enter your desired username and password to create your account.

6. **Logging In:**

- Existing users can log in using their username and password.

- Select the "Login Panel" option from the main menu and enter your credentials.

7. **Logging Out:**

- Select the "Logout Panel" option from the main menu to log out from your current account.

8. **Instructions:**

- Provides detailed instructions on how to play the quiz and navigate the application.

9. **About Us:**

- Displays information about the project and its creators.

10. **Exiting the Application:**

- You can exit the Quiz Master application by selecting the "Exit" option from the main menu.

Question Bank:

- The quiz questions are stored in a JSON file named "questions.json".

- Each question in the JSON file consists of a question statement, options, and the correct answer.