**Quizzy Application User Guide**

**Introduction**

Welcome to Quizzy - the application for testing your knowledge! This user guide provides comprehensive instructions on how to navigate and use Quizzy effectively.

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**1. Getting Started**

**1.0 Extract and launch version.**

* Extract the Quizzy.zip to C:\Quizzy
* Launch the Quizzy.exe
* If you want to modify the code, use the installation version.

**1.1 Installation version to modify the code.**

* Ensure that you have Python installed on your system.
* Download the Quizzy application source code.
* Run the application using the command: **python quizzy.py**.

**1.2 Splash Screen**

Upon launching Quizzy, a splash screen will appear for a few seconds. This screen showcases the application's logo and sets the tone for your quiz experience.

**2. Quiz Configuration**

**2.1 Set Number of Questions**

Before starting the quiz, you have the option to set the number of questions you want to answer.

* Click the "Set Number of Questions" button.
* Enter the desired number of questions in the prompt.
* Confirm your selection, this will auto start the quiz.

**2.2 Start Quiz**

To initiate the quiz:

* Click the "Start Quiz" button.
* Enter the starting question number 1 or higher up to the total number of questions available in the C:\Quizzy\Answers\Answers.csv.
* The quiz will begin, presenting questions one by one.

**3. Taking the Quiz**

**3.1 Answering Questions**

* For each question, input your answers in the provided entry boxes.
* Click the "Check Answer" button to verify your responses.
* Entry boxes are created from the Answers.csv file in the Correct Answer Column. When multiple answers are required, you separate them by a comma. Example: A. Snowman, B. Elf

**3.2 Skipping Questions**

* If you wish to skip a question, use the "Skip Question" button.

**3.3 Progress Tracking**

* The progress bar indicates your advancement through the quiz.
* The "Correct Answers" display shows your current score.

**4. Reviewing Missed Questions**

**4.1 Reviewing Missed Questions**

* After completing the quiz, click the "Review Missed Questions" button.
* Quizzy will display the questions you answered incorrectly along with the correct answers.

**5. Changing Background**

**5.1 Customize Background**

* Enhance your quiz experience by changing the background.
* Click the "Change Background" button to cycle through different background images.
* The image size I used is “1366 X 768”.

**6. Additional Features**

**6.1 Simulations**

* Access educational simulations by clicking the "Simulations" button.

**6.2 Help**

* Seek assistance by clicking the "Help" button to open a help PDF.

**6.3 Edit Answers**

* Modify quiz answers by clicking the "Edit Answers" button.

**6.4 Randomize Questions**

* Shuffle the order of quiz questions using the "Randomize Questions" button, for deeper learning.

**7. Troubleshooting**

* If you encounter issues, check the console for error messages.
* Ensure that the required dependencies are installed.
* Input Validation checks the following:
  + Do you have a starting question?
  + Does your Starting question start within the range of available questions?
  + Check answer makes sure you have answered all question choices.
  + Review Missed Questions Tells you when there are no more missed questions.

**8. Exiting the Application**

* + To exit Quizzy, click the "Exit" button, or click the X in the top right corner.