QUIZ APPLICATION

PYTHON MINI PROJECT

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PROBLEM STATEMENT

- For this mini-project, we aim to develop a ***Quiz Application*** wherein the candidate will be allowed to play a quiz game for a particular set of questions and will be marked based upon the correct answer. This data will be stored in the database and, if in case the same candidate is playing the game again, then only the new high score will be updated so that memory is used feasibly. The quiz will be a multiple-choice question with four options.

ABSTRACT

- This project is based on the concept of making a ***Quiz Application*** using Python. With the help of python's in-built packages, we were able to portray this project in a Graphical User Interface format, wherein the user has to fill in the required details, play quiz with a timer functionality and, in the end, the score will be displayed. There is also a function to add a question in the database.
- Candidate details, questions added (if any) and scores are stored in the database and can be fetched from the server. If the candidate is already registered in the database, then only the score will be updated rest all the data is kept constant. So, there won't be any ambiguity. The system carries out the examination and auto-grading for multiple choice questions which is fed into the system.

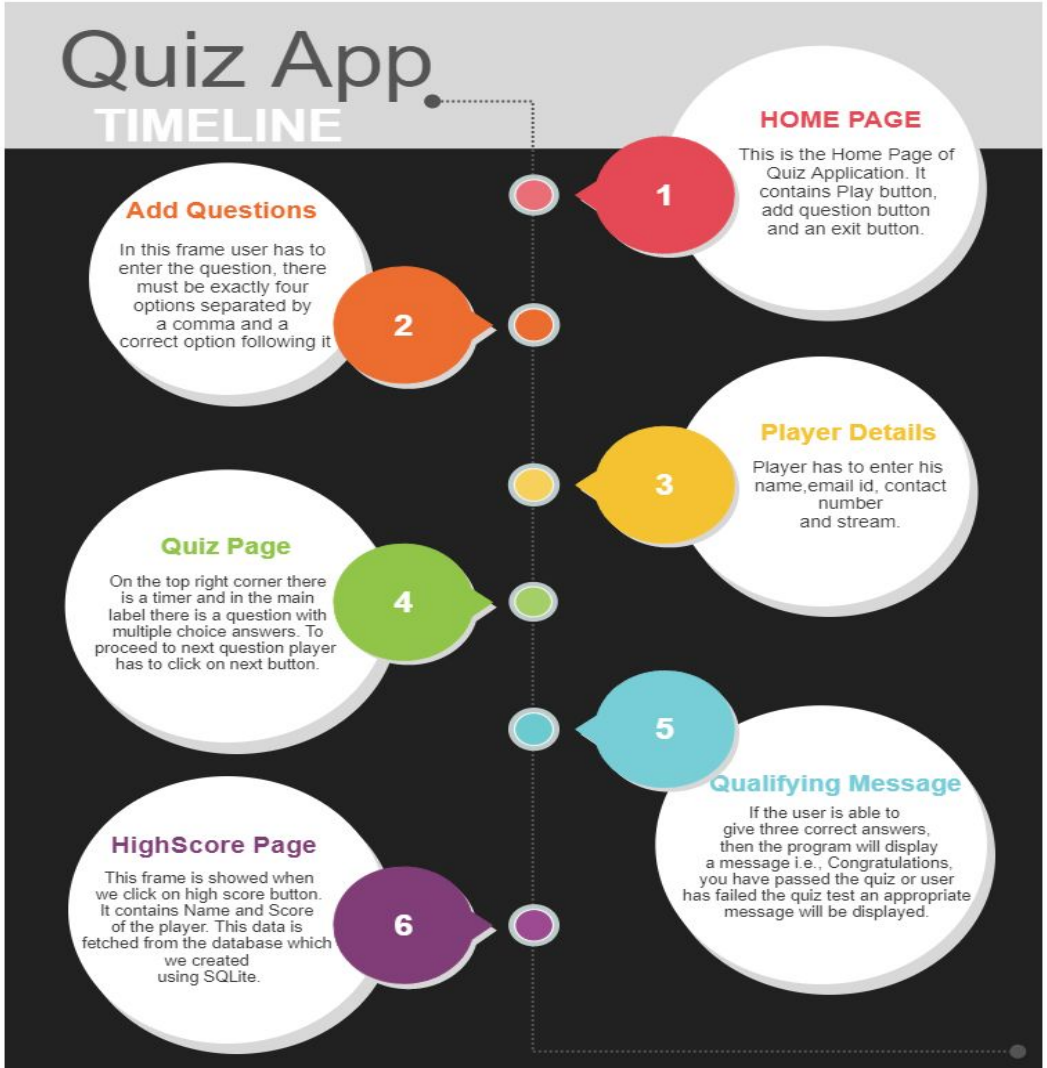
INTRODUCTION

- For this mini-project, we aim to develop a ***Quiz Application*** wherein the candidate will be allowed to play a quiz game for a particular set of questions and will be marked based upon the correct answer. This data will be stored in the database and, if in case the same candidate is playing the game again, then only the new high score will be updated so that memory is used feasibly. The quiz will be a multiple-choice question with four options.

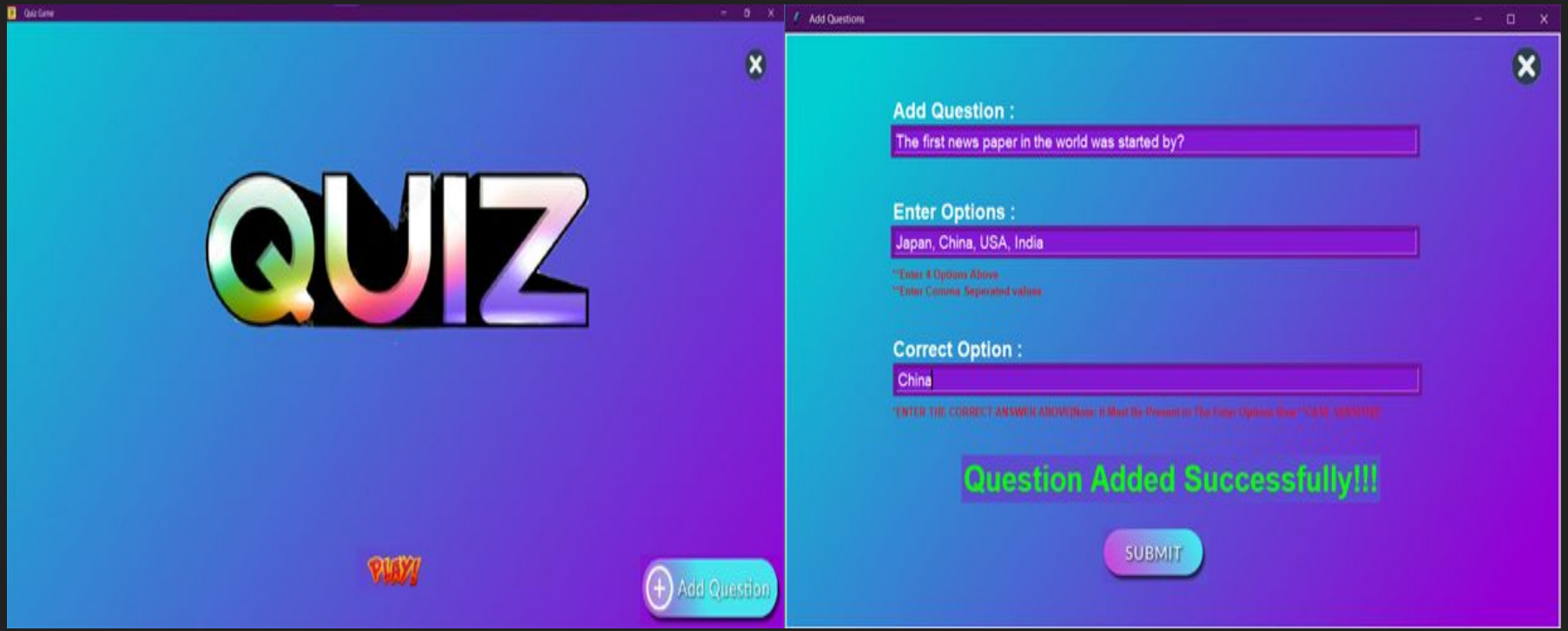
MODULES USED

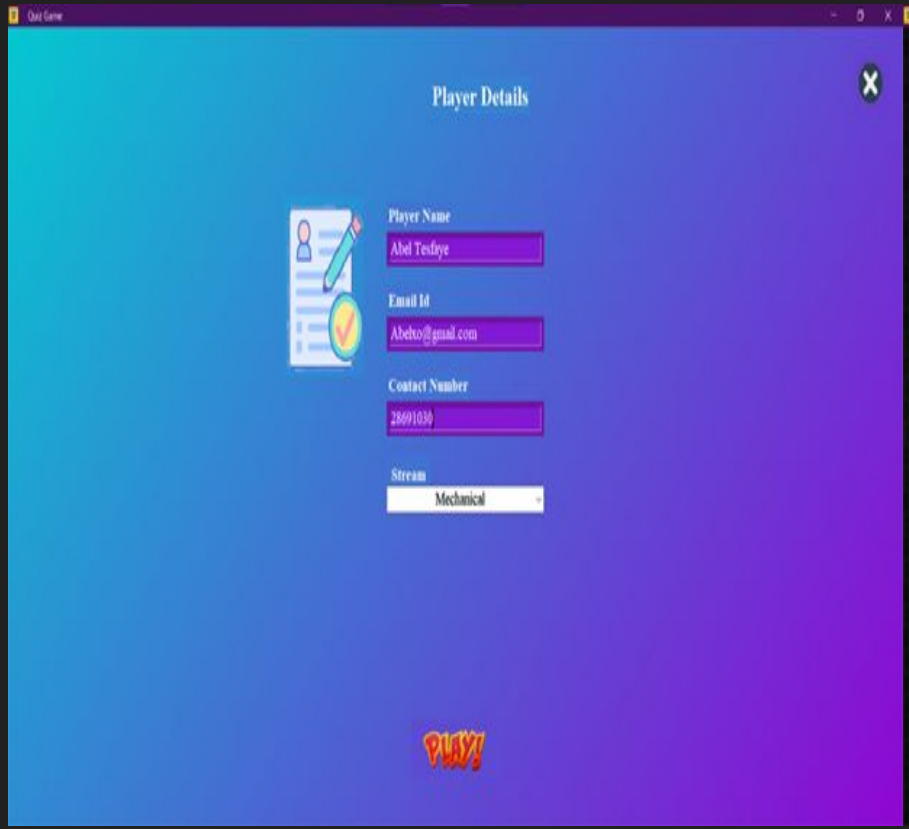
Quiz App

TIMELINE

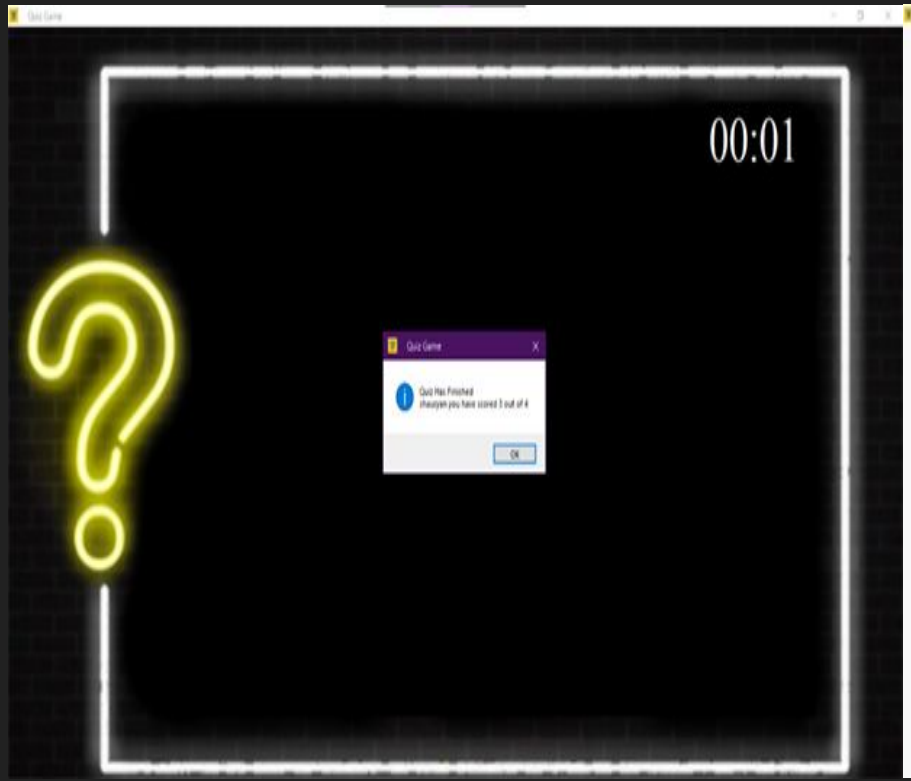


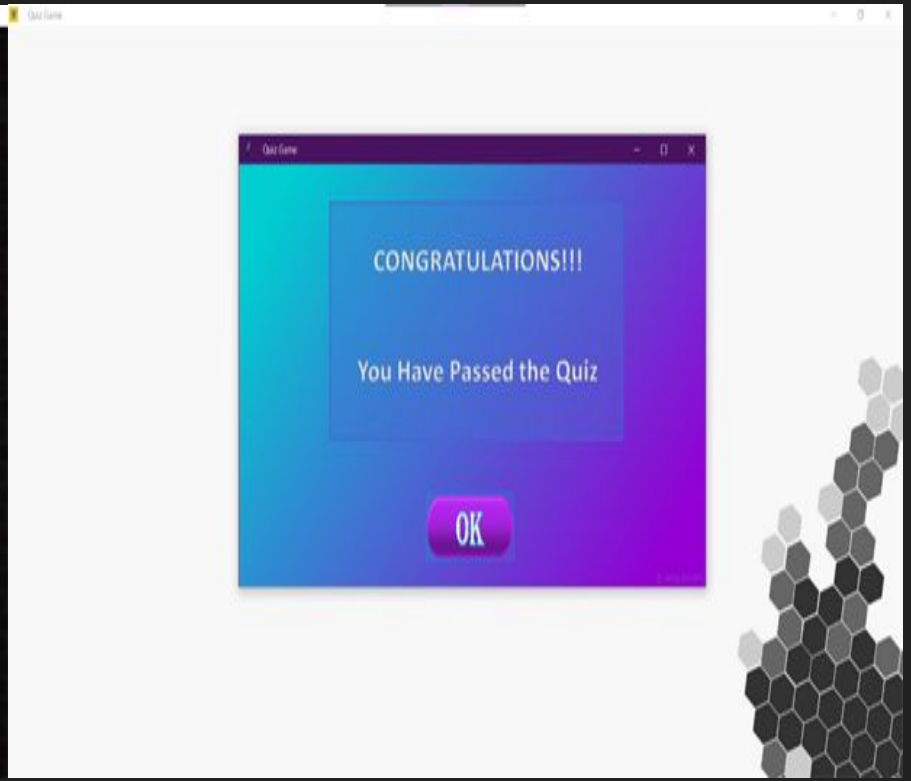
OUTPUT

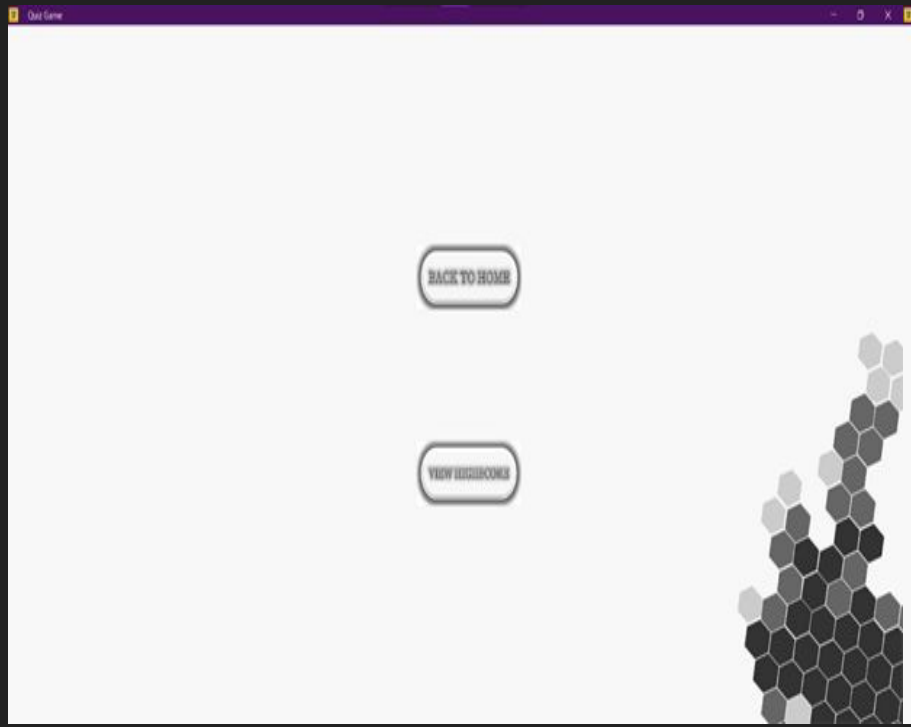

Quiz Game
QUIZ
PLAY!
Add Question
Add Questions
Add Question :
The first news paper in the world was started by?
Enter Options :
Japan, China, USA, India
Correct Option :
China
Question Added Successfully!!!
SUBMIT

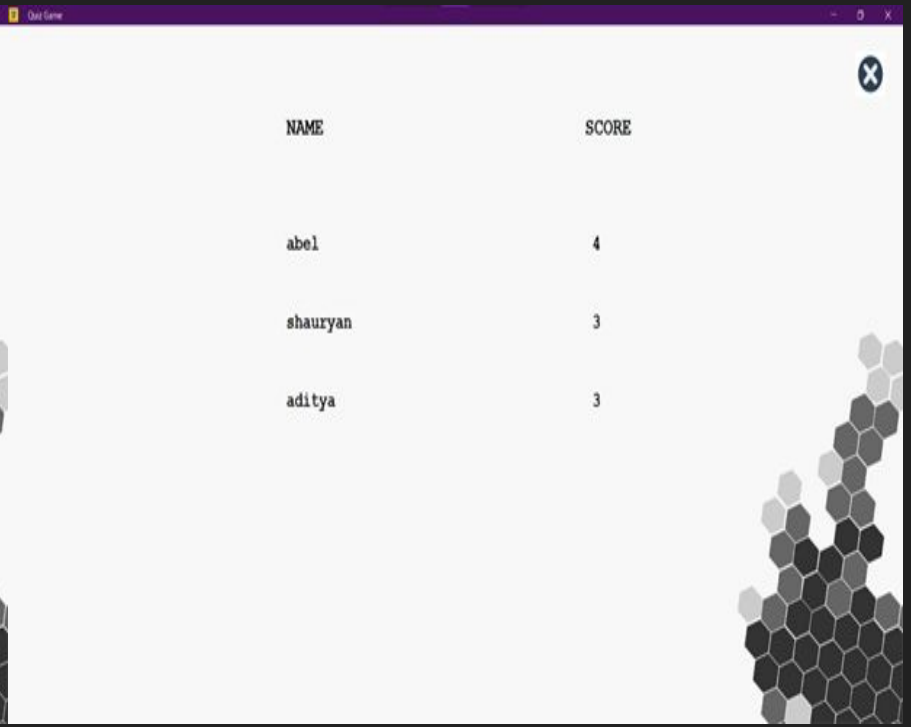

Quiz Game
Player Details
Player Name
Abel Tesfaye
Email Id
Abeltx@gmail.com
Contact Number
28691036
Stream
Mechanical
PLAY!


Quiz Game
00:17
The last Mahakumbh of the 20th century was held at
Allahabad
Ujjain
Haridwar
Nasik
NEXT


00:01
Quiz Game
OK


Quiz Game
CONGRATULATIONS!!!
You Have Passed the Quiz
OK


Quiz Game
BACK TO HOME
VIEW HIGHSCORE


Quiz Game
NAME
SCORE
abel
4
shauryan
3
aditya
3

CONCLUSION

- Thus, large number of participants are able to play the game, with instant results. We were successfully able to randomize the questions and set a timer. All the player data’s such as Player name and their respective scores are stored in the database. Thus, we conclude that we have successfully studied and applied the knowledge of Python GUI using Tkinter in our project.