

THE HINDU SENIOR SECONDARY
SCHOOL
TRIPLICANE , CHENNAI-600005.



COMPUTER SCIENCE PROJECT.
2022-2023.

TOPIC :-QUIZ CORNER

NAME :-

ROLL NO:-

BONAFIDE CERTIFICATE .

REGISTER NUMBER:

*Certified to be the Bonafide for the project
Work done by Master/Miss _____ of
class XII in THE HINDU SENIOR SECONDARY
SCHOOL, CHENNAI during the year 2022-2023.*

Dated: / /

*Signature of the teacher
(P.G.T in Computer Science)*

School Seal

*Submitted for All India Senior Secondary Practical
Examination held _____*

At _____ Chennai

Dated: / /

*Signature of External Examiner
External Examiner number*

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Quiz corner

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Quiz corner

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INTRODUCTION

What's our project about :

We are all very much known about our knowledge. Some people have good knowledge about science, maths or languages. But we are not utilizing it. So to test and use our knowledge we need some test. To clear this we introduced a new guy which is helpful to test and also helpful for gain knowledge. We are wasting time by playing games or watching social media in free time. We can use this for better knowledge.

Gather the data of various quizzes :

- For this we used API from <https://quizizz.com>
- Which will provide the required data in json format

SPECIALITY OF OUR GAME :-

- ✚ There are three mode of difficulty, anyone of which can be choosed by the player
- ✚ A random of 10 questions out of 20 questions are shown in random order in any of the three levels
- ✚ Scoreboard is seen in the end of game which contain best of three players with their score

SYSTEM REQUIRMENT

It us used to improve our General knowledge. We can also spend tie useful

- Python
- Mysql
- files

Python libraries used are mentioned below.

Python libraries used:

- A. Tkinter
- B. Mysql-connector
- C. Pickle
- D. Random

Hardware requirements:

- x86 64-bit CPU (Intel / AMD architecture)
- 4 GB RAM (minimum)
- 5 GB free space

Software requirements:

- Windows 7 +
- Mysql 5.7 (minimum), Mysql 8.0 (maximum)
- Python 3.10.4

Front-End: Tkinter

We have used Python Tkinter Module to **create** GUI & Python

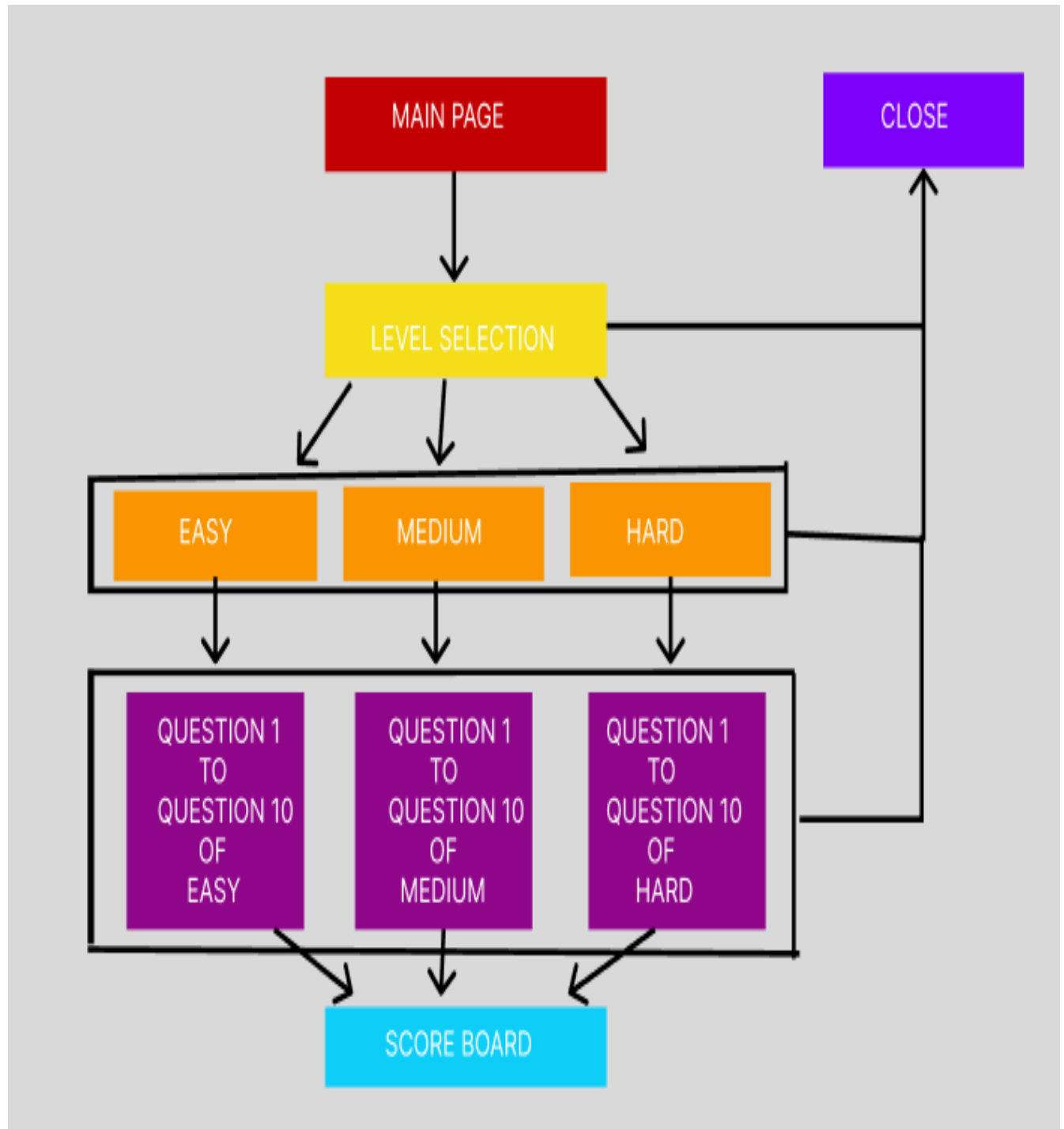
has a lot of GUI frameworks, but Tkinter is the only framework that's built into the Python standard library. Tkinter has several strengths. It's cross-platform, so the same code works on Windows, macOS, and Linux. Visual elements are rendered using native operating system elements, so applications built with Tkinter look like they belong on the platform where they're run.

Tkinter is lightweight and relatively painless to use compared to other frameworks. This makes it a compelling choice for building GUI applications in Python, especially for applications where a modern sheen is unnecessary, and the top priority is to build something that's functional and cross-platform quickly.

Back-End: MYSQL

It is open source, Non pirated, reliable, compatible with all major hosting providers, cost-effective, and easy to manage. Many organizations are leveraging the data security and strong transactional support offered by MySQL to secure online transactions and enhance customer interactions.

Flow Chart:-



Data In Files(sample):-

File For EASY questions

quizeasy.txt - Notepad

File Edit Format View Help

potato

banana

potato

mango

coconut

which one of this is a good source of fiber?

-

snake

tiger

snail

monkey

snake

which one of these have overlapping scales which protect them, and help them move and climb trees

-

india

india

russia

china

canada

which one of these counties shares border with seven countries

File For MEDIUM type of Questions



quizmed.txt - Notepad

File Edit Format View Help

The Falklands War

The Irish War

The Vietnam War

The Gibraltar War

The Falklands War

Which War Involving The UK Began In 1982?

-

Charlie

Charlie

Catalog

Criminal

Cart

What word is used in the NATO Phonetic Alphabet for the letter C?

-

Black

Two

White

Black

Nine

What does the word 'noir' mean in French?

File For HARD type of Questions

quizhard.txt - Notepad

File Edit Format View Help

rembrandt van rijn

Cassius Marcellus Coolidge

rembrandt van rijn

raphael

Paul Cezanne

Which artist painted the Night Watch?

-

Bratislava

Conakry

Prague

Zagreb

Bratislava

What is the capital city of Slovakia?

-

Leo Tolstoy

Leo Tolstoy

Ivan Turgenev

Henryk Sienkiewicz

Alphonse Daudet

Which author wrote 'The Death of Ivan Ilyich'?