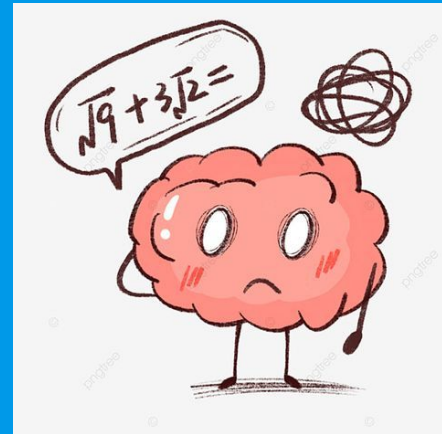

Quiz Lark

A fun and interactive quiz game.

A guide by Wonuola, Marvelous and Daniel

The problem!

Traditional learning methods often fail to engage and motivate individuals, leading to a lack of interest and participation in educational activities. This results in missed opportunities for personal growth and development.





Purpose of the app

Let's cut the chase.

Learning is boring!

- **Our goal**
To make learning an enjoyable and rewarding experience.
- **What we made**
A fun, interactive, and engaging way for users to test their knowledge.
- **Target audience**
Students, professionals, and casual learners.

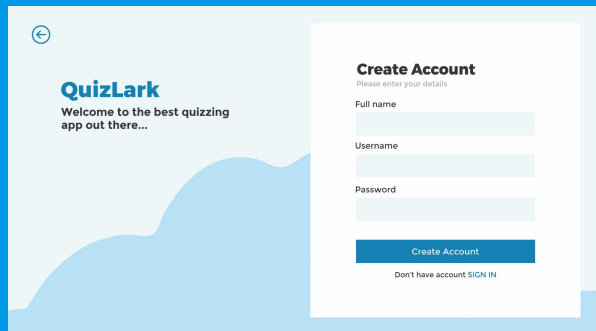


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How many quiz apps are have you tried that have really made it fun?



Just one Quiz Lark.





How it works

Users select a category and difficulty level.



Difficulty

Users select a category and difficulty level. The app generates a set number of questions.



Game play

Users answer within a set time. Scores are calculated based on accuracy and speed.



Stats

Performance stats and feedback are provided.

Our minimal user signup page

- Input fields
- CTA button

Concepts Applied

- String manipulation
- File handling
- Form validation

Technologies

- Python
- Corel Draw.

Create Account

Please enter your details

Full name

Username

Password

Create Account

Don't have account [SIGN IN](#)

QuizLark

PLAY

CATEGORY

STATS

QUIT

Our minimal main menu page

Here users have options to navigate through the app

Features

- CTA buttons

Concepts Applied

- File handling
- Modules

Technologies

- Python
- Corel Draw.

Our main game page

Features

- Buttons
- Question section
- Pause button
- Timer (lives section)

Concepts Applied

- File handling
- Loop control
- Functions management
- Tkinter message box
- Modules management

Technologies

- Python (tkinter)
- Corel Draw.



QuizLark

GameOver

Question 6

Lorem ipsum dolor sit amet. Vel labore amet. Erat ei
Et duo dolores. Et accusam et nonumy lobortis illum

Revive

Give Up

A Germany

C Luxembourg

B Belgium

D Denmark

The Statistics Score tracking and performance analysis page

Here users have options to:

- Can track their progress using a smart pie chart getting the user's data from the database

Features

- A descriptive pie chart representing the user's data.

Concepts Applied

- Data visualisation using matplotlib
- File handling

Technologies

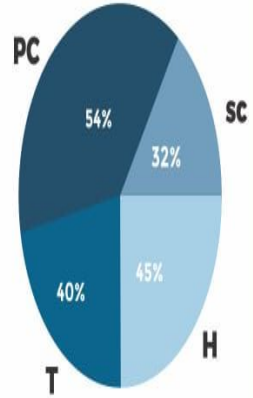
- Python (tkinter)
- Corel Draw.

STATISTICS

Questions answered	0
Correct answers	0
Wrong answers	0
Games played	0
Games Won	0
Money	0
XP (Experience Points)	0

Leaderboards

	username	xp	Money	Name
1	danielUde	500000	2500	Ude Daniel
2	Mickey	100000	1500	Sano manjiro
2	CherryBlossoms	20000	12000	Yamauchi Sakura



PC - Pop Culture
T - Tech
SC - Science
H - History

Top Categories

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Main technologies used:

- Python(Tkinter)
- Corel Draw
- Github for collaborations



Future Plans

- AI-powered question generation.
- Voice recognition for answering questions.
- Offline mode.
- Multi-player mode for live competitions.



Sidebar

Wouldn't it be nice if all learning apps could just be easily simplified? Well, Quiz lark is here for you.



Crossroads

While building this master piece, we faced some major crossroads.

→ File handling

There were many bugs when trying to manipulate the users data from the Excel sheet to our file and vice versa.

→ Manipulating tkinter

Tkinter is a really rigid framework, so a lot of the widgets were difficult to manipulate to fit our desired UI.

→ Electricity issues

What can we say? University of Ibadan played it's best game

→ Algorithm loop sort

Python wasn't responsive, many errors were thrown when trying to use algorithm loop sort

Questions?

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Thank you for listening!