

*SHRI VISHNU ENGINEERING COLLEGE
FOR WOMEN
PROJECT: TYPING SPEED TEST*

22B01A12F2 - R.K.APOORVA(Developer)
22B01A12D9 - P.SATYA PRAVALLIKA(Developer)
22B01A12E1 - P.KEERTHI(Latex)
22B01A12G1 - S.UMA(git)
22B01A12J0 - Y.JAYASREE(Latex)

March 20, 2024

PROBLEM STATEMENT

Develop a simple typing speed test application that allows users to assess their typing speed and accuracy by typing a provided sentence within a specified time frame. The application should calculate the user's typing speed in words per minute (WPM) and accuracy percentage, displaying the results upon completion of the test.

SOLUTION

- To complete your work faster it is important to develop typing skills which is the main objective of our project.
- By providing instant feedback on typing speed and accuracy, the application empowers users to identify areas for improvement and track their progress over time.
- **Advantages:**
 1. It saves time.
 2. Be More productive.
 3. It will improve your skill focus.
 4. Keyboard proficiency.



ABSTRACT

The Typing Speed Challenge is an exciting python application that helps you enhance your typing skills while having fun. With user login functionality, you can track your progress. Take timed typing tests, measure your accuracy and speed, and receive feedback to improve. The leaderboard adds a competitive element, motivating you to reach the top. Join the challenge and boost your typing skills today!

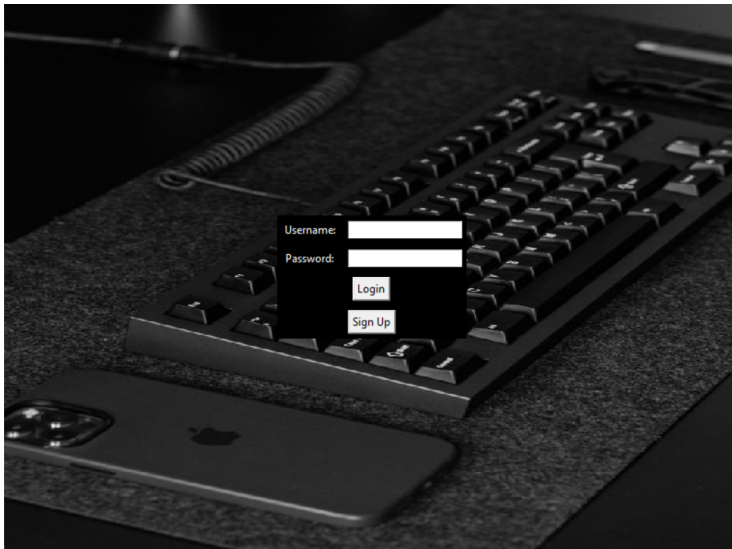
REQUIRED TABLES

- USER DETAILS
 - id
 - username
 - password
 - sentencecount

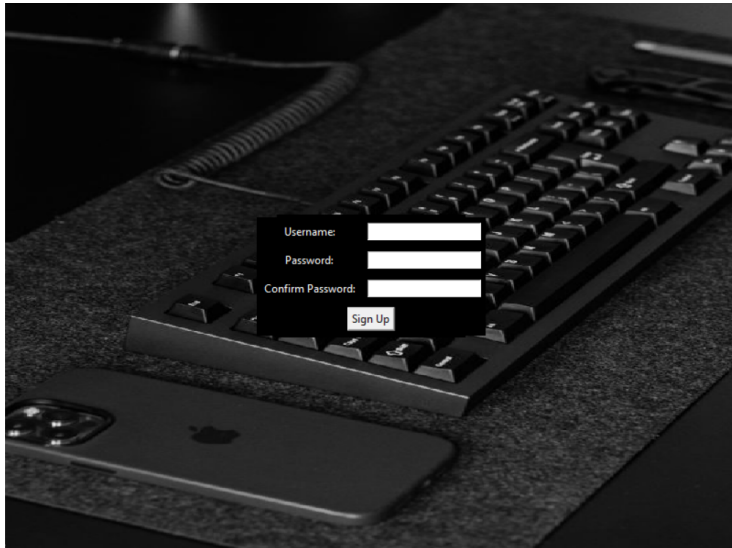
DATABASE TABLE

Result Grid				
  Filter Rows: <input type="text"/>				
	id	username	password	sentence_count
▶	1	Apoorva	1234	8
	2	Uma	uma	7
	3	Pravallika	2004	2
	4	Keerthi	2005	1
	5	Jayasree	abcd	1
⊛	NULL	NULL	NULL	NULL

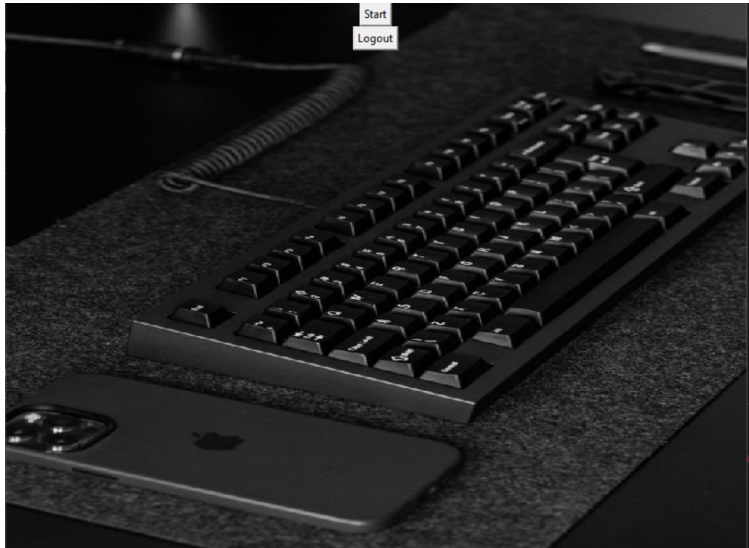
USER'S LOGIN PAGE



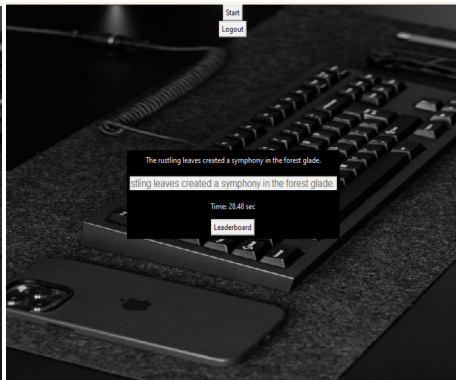
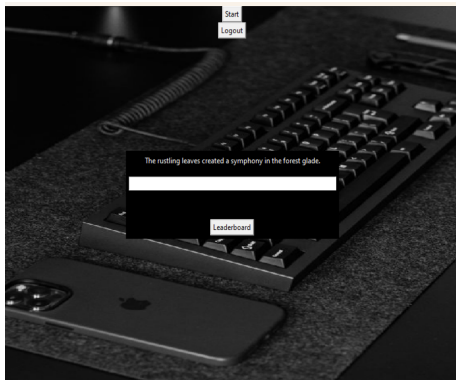
SIGNUP PAGE



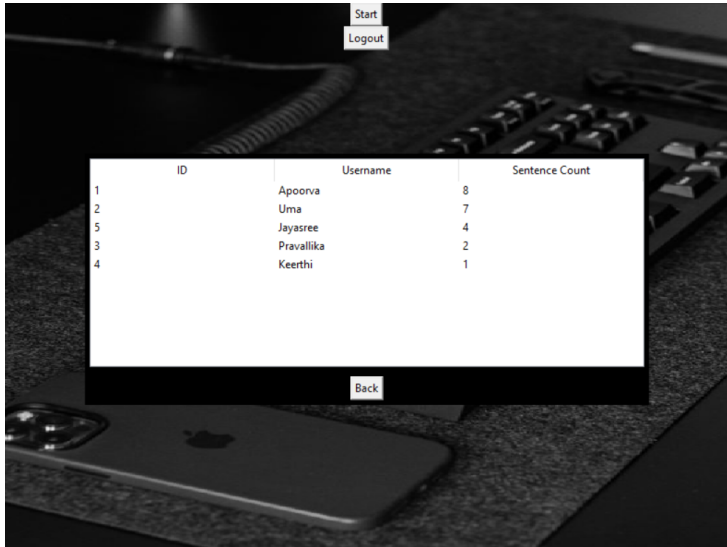
START BUTTON



TAKING TEST



LEADERBOARD



ID	Username	Sentence Count
1	Apoorva	8
2	Uma	7
5	Jayasree	4
3	Pravallika	2
4	Keerthi	1

TECHNOLOGY STACKS



Here we use Tkinter to create the interface for a desktop application, including buttons, menus, and other interactive elements.



Here we are using Structured query language (SQL) for storing and processing information in a relational database.

UNIQUE FEATURES

- **FEATURE 1**
Authentication-Verify identity with a dynamic typing challenge that adapts to user skill level.
- **FEATURE 2**
User's accuracy performance.
- **FEATURE 3**
Leaderboard- Dynamically showcases top performers.

Conclusion

- The Typing Speed Test application offers a user-friendly platform for individuals to assess and improve their typing proficiency efficiently.
- Through features like adaptive difficulty levels and a competitive leaderboard, users are motivated to continuously enhance their typing skills.
- Personalized typing profiles enable users to track their progress over time and receive tailored recommendations for improvement.
- The application fosters a sense of community and engagement, allowing users to compare their performance with others and share tips and strategies.
- With its intuitive interface and comprehensive features, this application stands as a valuable tool for individuals striving to excel in their typing abilities, ultimately enhancing productivity and efficiency in various aspects of life.

Bibliography

- We referred the python official documentation to import different packages.
- We used MySQL Workbench for the database.
- We referred Google and ChatGPT to understand the Commands and Syntaxes of MySQL Workbench.