

Typing Tutor



Developed by
MD. PARVEJ MIA
ROLL: 1807081

Developed At
NetBeans IDE

Project Guide
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Objectives:

To develop an interactive Java application which provides:-

- A platform where users can measure their typing speed.
- They can measure their typing speed with an attractive user interface which allows users to see their real time typing speed.
- Users can individually compete with the other users to judge them.
- Finally users can see the leader board to see their ranking among the users.

Introduction:

This is a Java application, which mainly focus on the practice of a user. This application has a great interface and platform where a user can register himself easily and also sign them in very quickly to start practicing. This application has an attractive keyboard layout which helps the user to focus on their practice greatly. This application mainly uses the database and manipulates to achieve the purpose of this application. Here MySQL database is used. MySQL database allows us to locally store our data. Later we can use those data for our purpose.

Implementation:

Description:

I used NetBeans IDE to implement my java codes and used **Java Swing** to build the user interface of the project. A lot of java components were used in this project.

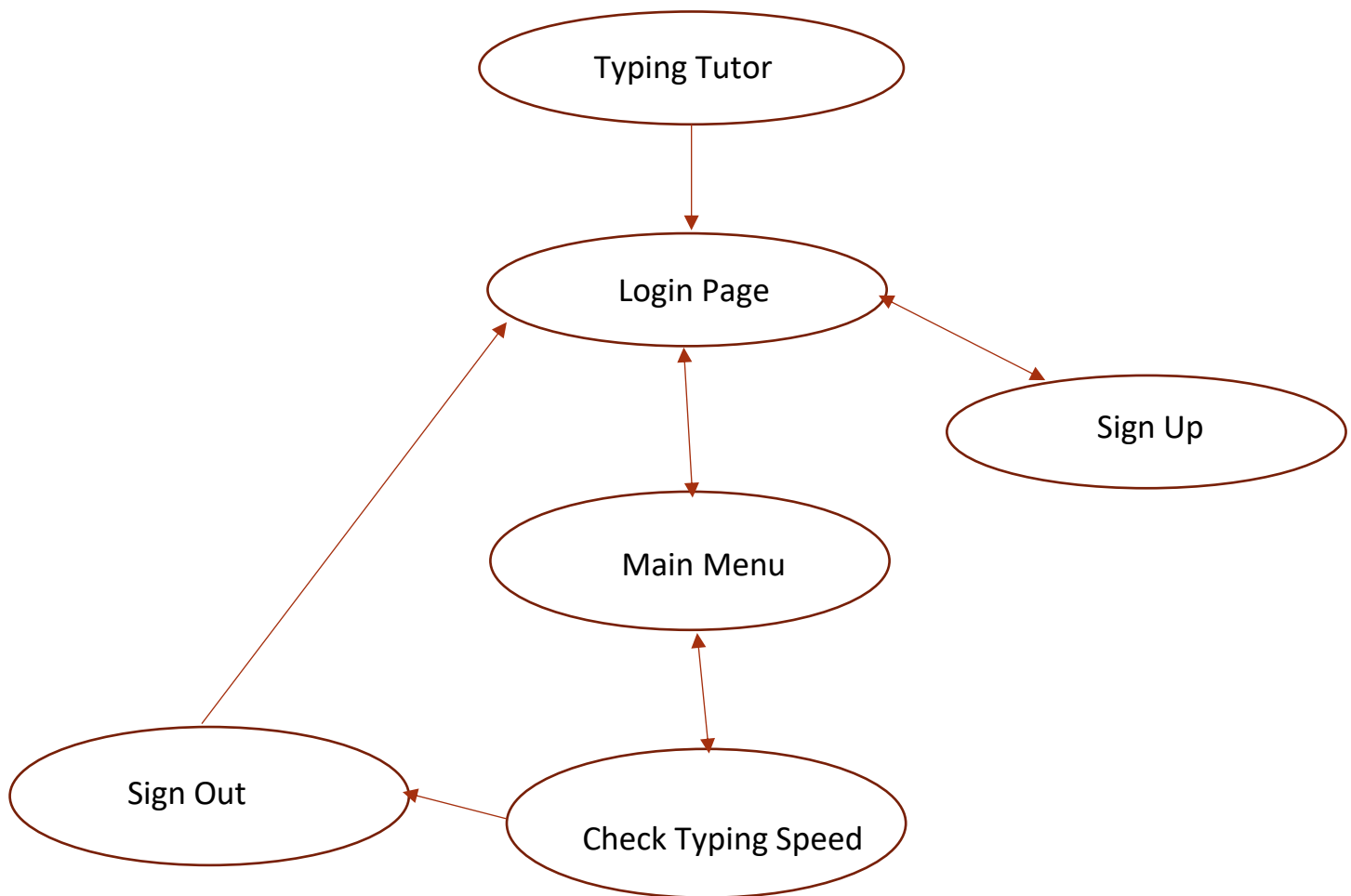
Some of them are:

- JFrame
- JPanel
- JButton
- JLabel
- JOptionPane
- JTextView

- JTextArea

Then the components were connected to each other by the java codes.

❖ **Block diagram:**





❖ Sequence Diagram:


Login page:

Wellcome to Typing Tutor

Typing Tutor








☐ Show Password

Sign In

Reset

Sign Up

 Sign Up

User Name

Password

☐ Show Password

Register

Already have a account?

Login

Sign UP Page

Welcome to Typing Test!

Check Your Typing Speed

All right reserved by Typing Test

Hall Of Fame!

#	User	Typing Speed
1	parvej	35.73
2	parvej2	34.60
3	c	33.99
4	b	30.27
5	a	00.00

Sign Out

Main Menu

Type the below text as fast as possible. ^_~

Back

The average typing speed of a computer typist is just 36wpm.

Your Personal Best is : 35.73 wpm

Speed : 0.00 wpm



Check Typing Speed

Your Personal Best is : 35.73 wpm

Previous personal Best

Speed: 41.53 wpm

Real Time typing speed

Target Vs Actual Accomplishment:

My goal was to build an application that will provide:-

- Users a platform where they can practice typing
- Measure their typing speed
- To compete individually
- To compete with other users
- To see their rankings on the leaderboard

I finally managed to implement all the feature except **the compete with other users** feature.

Risk and Issues:

This is a very much user friendly application. There is a very rare chance that the app will malfunction. But if the database doesn't work the app may start malfunctioning.

Discussion and Conclusion:

After completing the project work, successfully able to build a Java application. It is a very user friendly and flexible application. Throughout the process, I enjoyed all the project works that was a great experience for me. I tried to implement all the idea that our teacher's taught us in theoretically and practically. With due respect and sincere gratitude to my teachers who were mentor through the whole project. I learnt a lot developing this project. I learnt many things other than pure programming. This is my first GUI app. So, while working on it I found everything so attractive. This experience will help me in the future to build more applications.

References:

1. [Java GUI ☕ \(**Free**\) - YouTube](#)
2. [Tutorials List - Javatpoint](#)
3. [Stack Overflow - Where Developers Learn, Share, & Build Careers](#)