

Project Proposal

- **Overview**

A typing speed web application that let computer science student unleash

Their typing skills on the computer, the goal of this web application to help writing code faster to finish tasks early.

- **PROJECT TITLE**

- A speed typing web app for UOT - CS department.

- **Current System**

- A typing speed on computer.

- **The problem in the Current System**

- The average of CS students typing speed are low and it effects in computer coding consuming time in coding and making the programmer bored because of the time consumed and feeling unsatisfied.

- **New System**

- The new system is speed typing web application that assists typing speed Of the CS students it assists typing without looking to the keyboard to earn more time to writing more words and train their muscle memory to locate letters key in the keyboard without looking at it in interesting and fun way.

- **Features:**

- Register users. To allow the users to register to the system .
- Login to allow only registered users to use the system.
- Test mode to calculate your average typing speed.
- Calculating the accuracy to know percentage you write correctly.
- Multiplayer mode to compete another users in the class.
- Search users to see their typing speed stats.
- Leaderboard to show best users in writing faster.
- Update user profile.
- Forms. To interact users between each other and discuss typing tricks etc...
- So on...

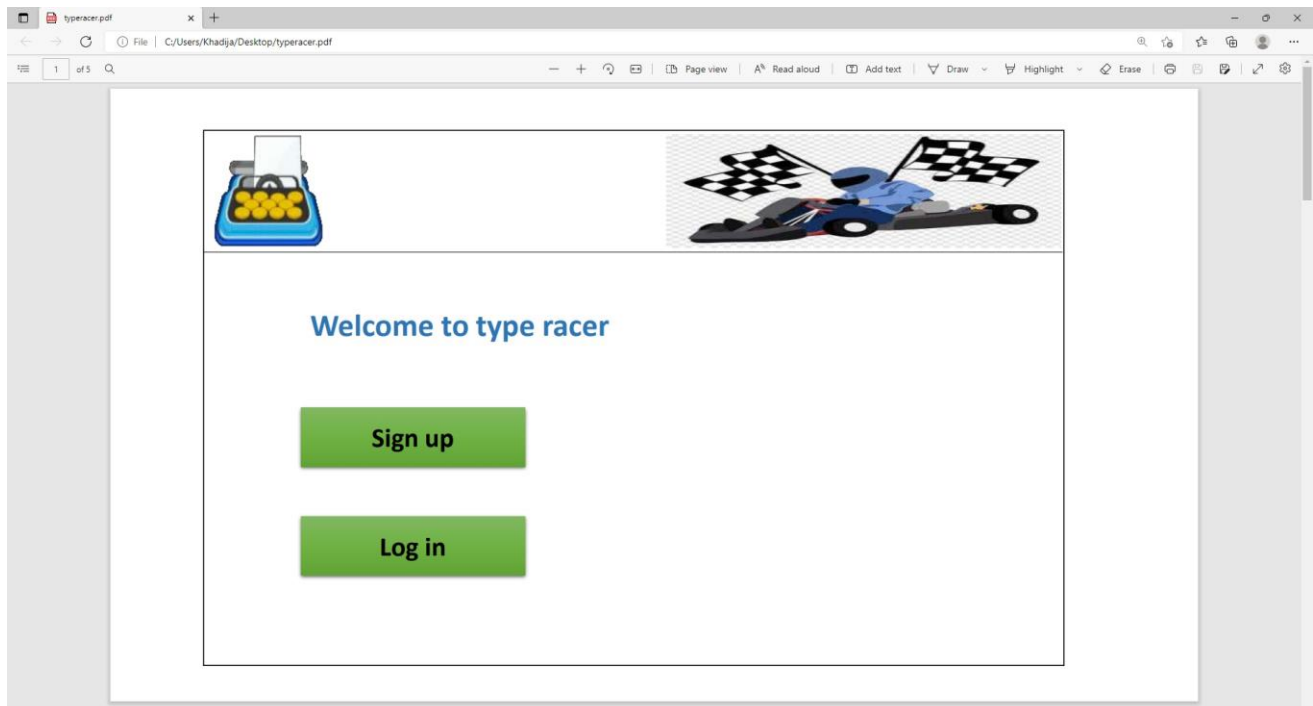
- **References**

- www.typeracer.com

- **Risk**

- Data corruption: we use SSD storage unit to prevent physical damage on the storage unit because of the SSD technology is safe.
- Electricity: We develop the project on laptop computers so is the power cut off the data will not be lost because we can save it anytime we want as long as the battery is not empty and also we use version control system “git”.
- Exams: We have a lot of exams in this semester but we work as a teamwork to manage projects work on scheduled time as possible as we can.

- **Diagrams**



typeracer.pdf x +

File C:/Users/Khadja/Desktop/typeracer.pdf

2 of 5

Page view Read aloud Add text Draw Highlight Erase

SING UP

User-Name

Email

Password

Confirm-Password

Sign up

typeracer.pdf x +

File C:/Users/Khadja/Desktop/typeracer.pdf

3 of 5

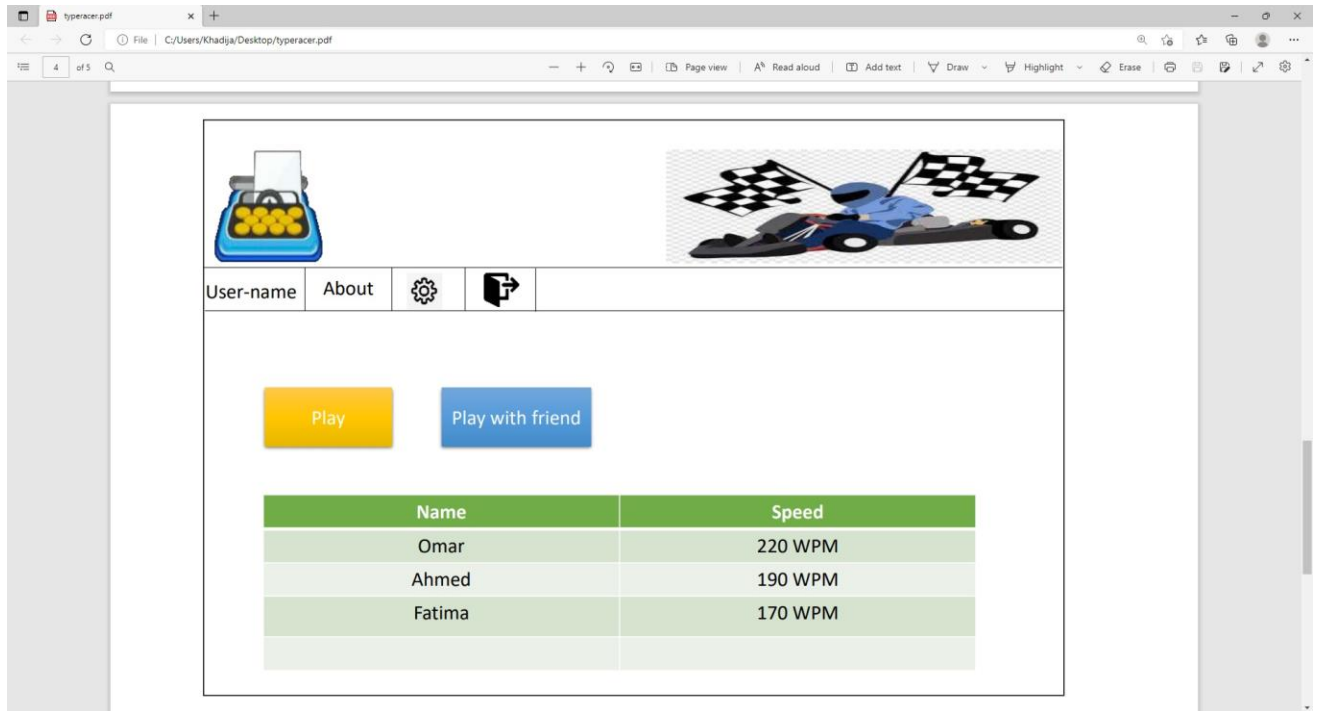
Page view Read aloud Add text Draw Highlight Erase

LOG IN

Email

Password

Log in



USER STATS TABLE

USER NAME	POINTS	RACES	AVERAGE WPM	ACCURCY	RANK	WINS
-----------	--------	-------	-------------	---------	------	------

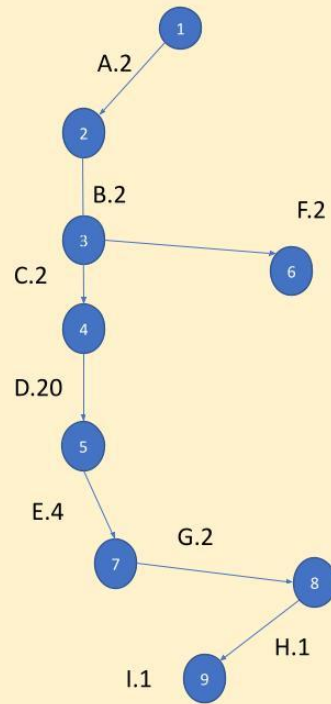
USER PROFILE TABLE

USER NAME	ID	PASSWORD	NAME
-----------	----	----------	------

LEADERBOARD TABLE

USERNAME	WPM	ACCURCY
----------	-----	---------

- Time table



PERT CHART FOR TIME TABLE •

الرمز	نشاطات مرحلة التحليل	النشاط الذي يسبق هذا النشاط	الفترة الزمنية بالايام
A	واجهة الاستقبال	-	2
B	واجهة تسجيل الدخول وانشاء احساب	A	2
C	الصفحة الرئيسية	B	2
D	نمط الاختبار وحساب WPM و الدقة في الكتابة	C	20
E	ربط احصائيات كل حساب في DB	D	4
F	اعدادات المستخدم	C	2
G	Leaderboard	D	2
H	اختبار النظام الالكتروني	D	1
I	اطلاق الموقع	H	1