

## LAB 10

### Front-End Development

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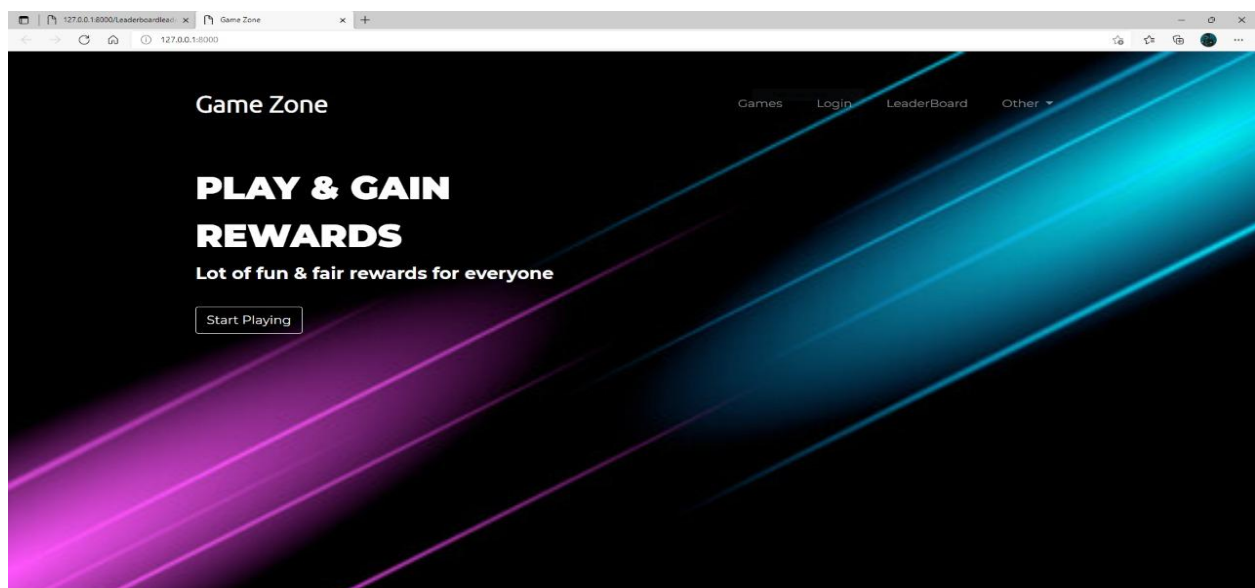
Makwana Jigar (201901428)

Prajapati Parth (201901429)

Gohil Arpit (201901471)

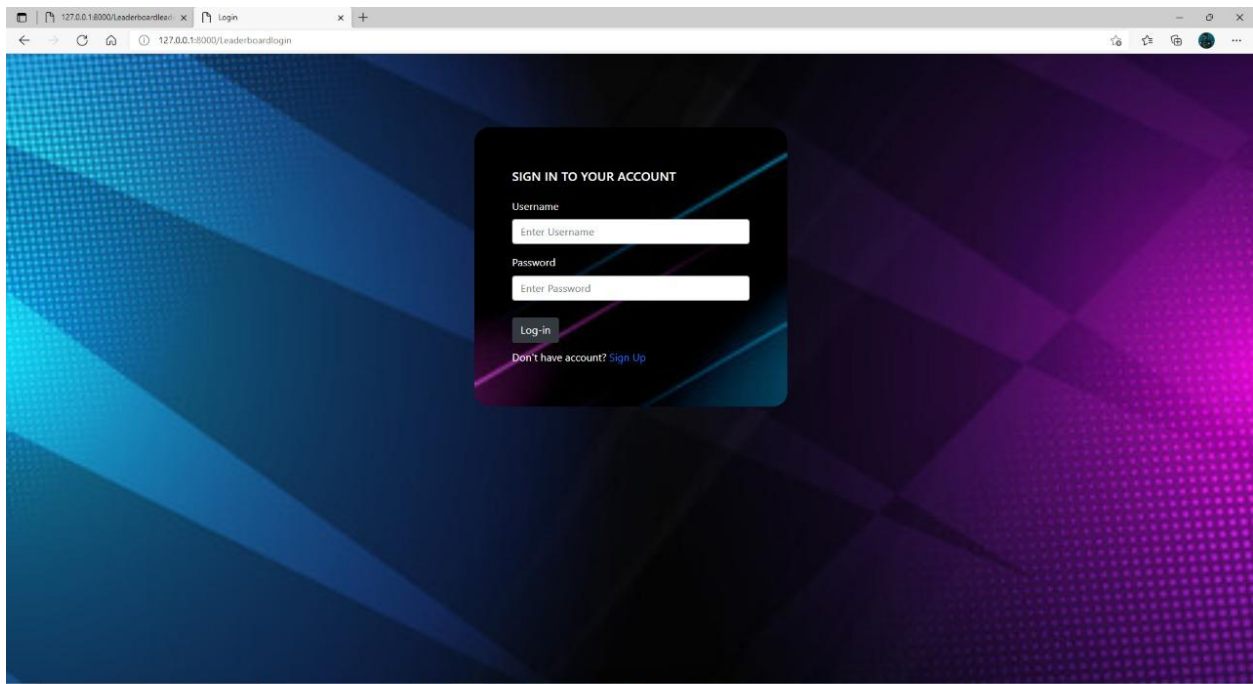
For Front-End Development, we have used the **Django framework**. Django is a high-level Python web framework, it's a collection of python libraries which allow us to create quick, efficient and a quality web application that is suitable for both frontend and backend. To connect the postgresql database to the Django framework we have used the **'psycopg2'** library, which is the most popular PostgreSQL database adapter for the Python programming language. For now, We have created some web pages and implemented some features and SQL queries. We have put screenshots of web-pages and output of queries below.

#### **HOMEPAGE:**

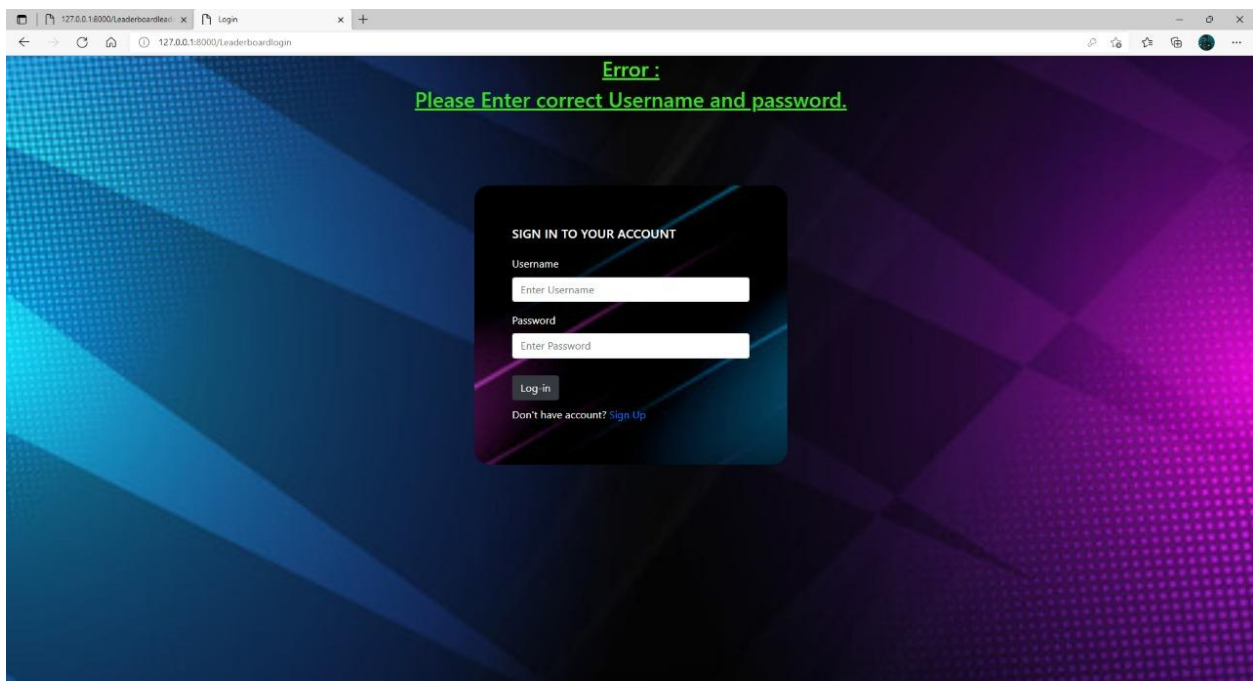


## LOGIN-PAGE:

After clicking on “Login” in “homepage”, we can move to the login page.

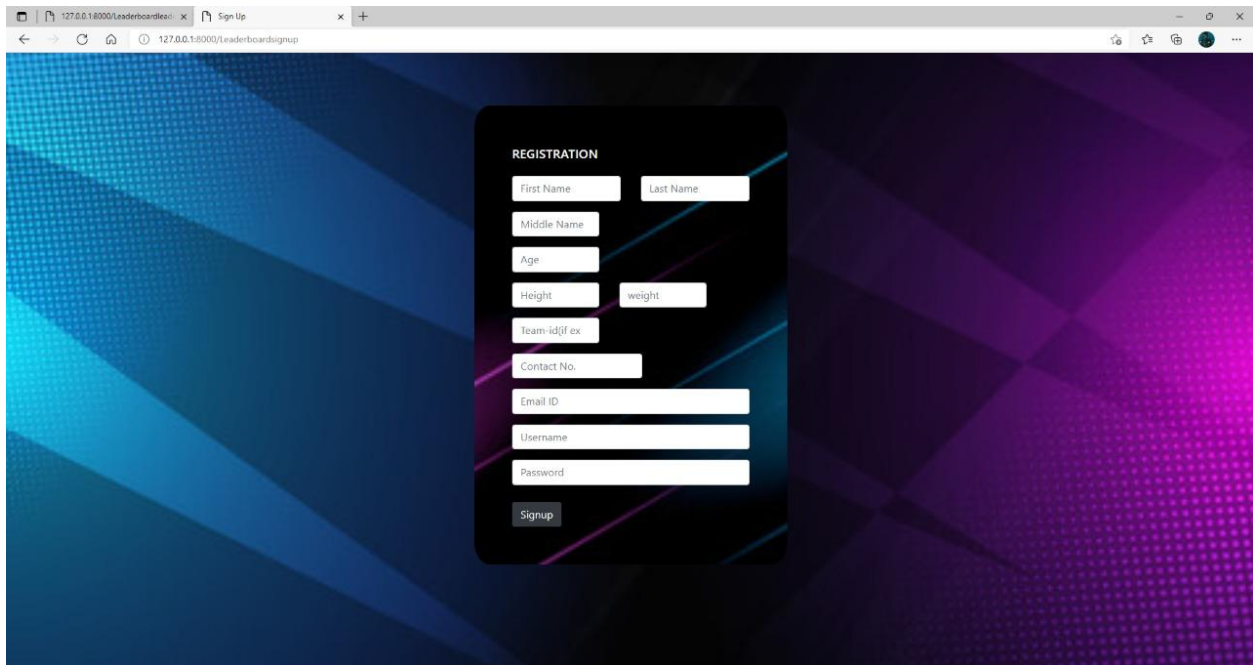


If we enter the wrong “username” or “Password”, the page shows the error message.



## SIGN\_UP PAGE:

New user can sign up using below page



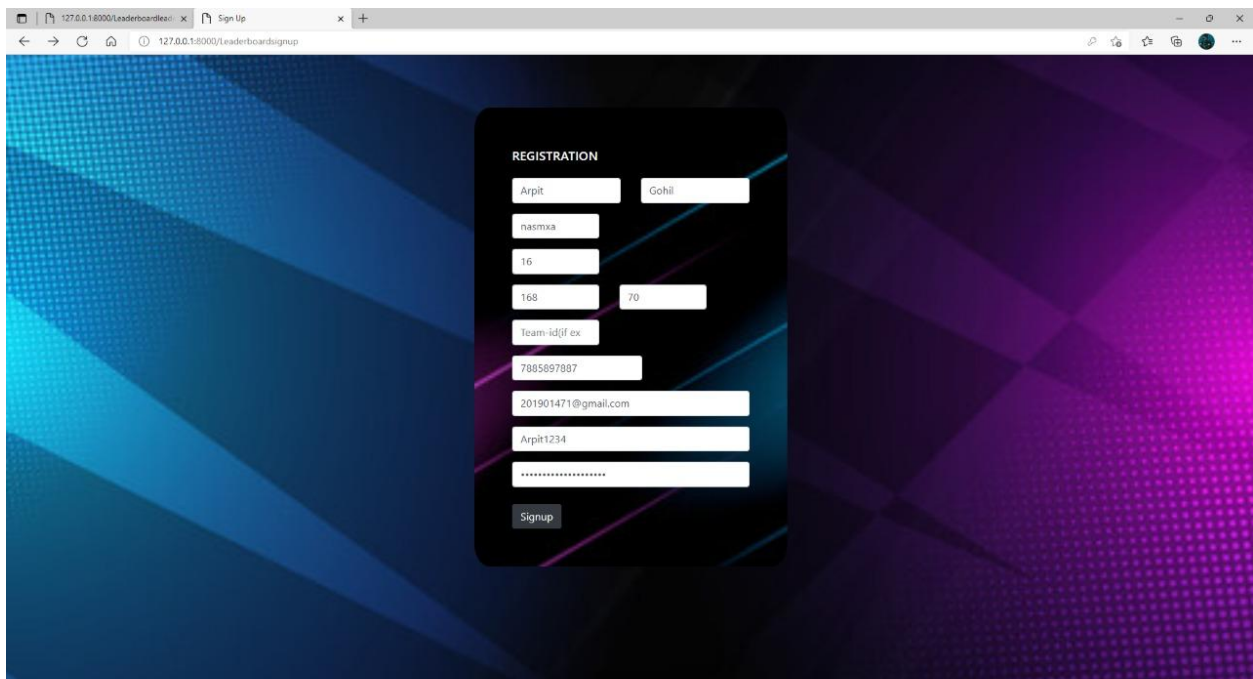
The screenshot shows a web browser window with the URL `127.0.0.1:8000/Leaderboard/signup`. The page features a dark background with a blue and purple geometric pattern. In the center, there is a black rectangular box titled "REGISTRATION" containing a form with the following fields:

- First Name
- Last Name
- Middle Name
- Age
- Height
- Weight
- Team-id (if ex)
- Contact No.
- Email ID
- Username
- Password

A "Signup" button is located at the bottom of the form.

## Example Demo:

New user has filled the above details and sign up.



The screenshot shows the same web browser window as before, but the registration form is now filled with example data:

- First Name: Arpit
- Last Name: Gohil
- Middle Name: nasmxa
- Age: 16
- Height: 168
- Weight: 70
- Team-id (if ex): 7885897887
- Contact No.: 201901471@gmail.com
- Email ID: Arpit1234
- Username: \*\*\*\*\*

The "Signup" button remains at the bottom of the form.

Now you can see the details of “new user” added in the DATABASE.

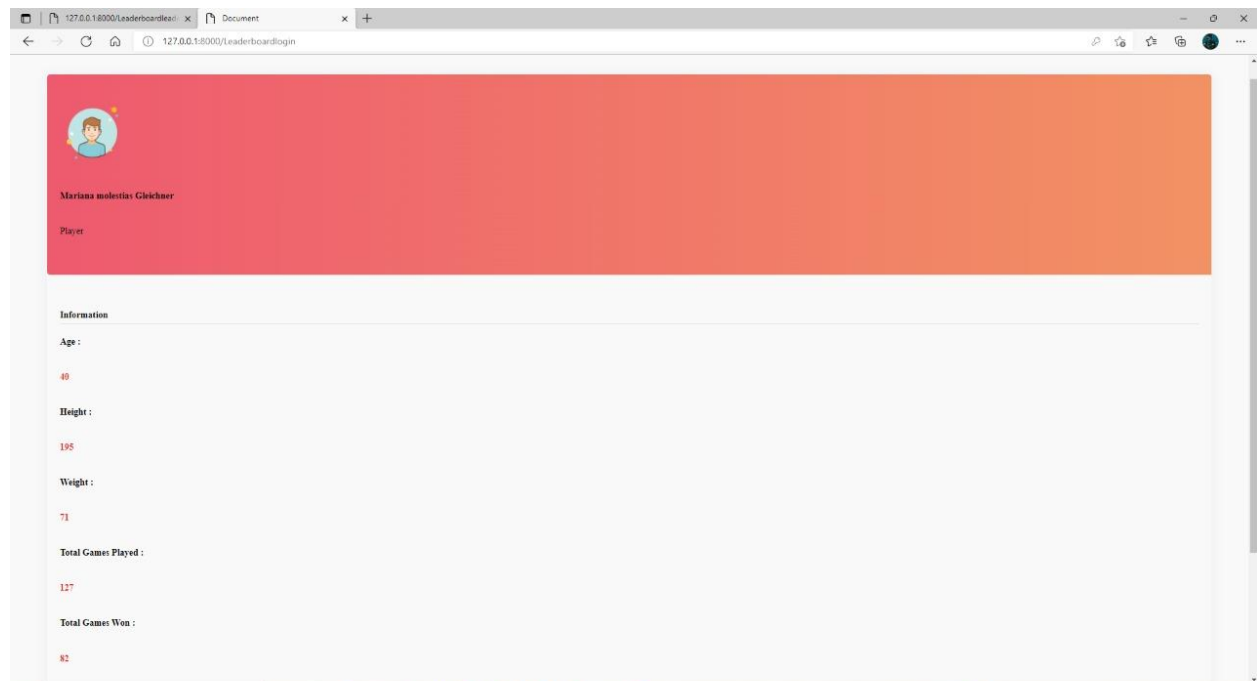
ns	144	144	Alysha	eaque	Abernathy	55	7026244981	johann.kuvalis@examp	worker	udicki
aints	145	145	Tony	dolores	Hamill	38	4288727961	zulauf.syble@example	player	jakubowski.orie
s	146	146	Clifton	fugit	Armstrong	16	6111599467	borer.lorine@example	player	amira.simonis
ilicies	147	147	Annabel	qui	Dickens	18	7331599618	maureen98@example.or	player	nitzsche.vicente
's	148	148	Karl	recusandae	Dibbert	51	7954227133	uhahn@example.com	worker	ohara.devante
lory	149	149	Tate	et	Murray	34	9659913187	funk.lowell@example.	player	hahn.elta
ords	150	150	Dayna	non	Cruickshank	58	9454941289	zboncak.wyman@exampl	worker	larue43
	151	151	Parth	Dilipkumar	Prajapati	20	7990024073	201901429@gmail.com	player	parth1234
	152	152	Arpit	nasir	Gohil	16	7885897887	201901471@gmail.com	player	Arpit1234
ory										

[Messages](#) [Notifications](#) [Explain](#)

Successfully run. Total query runtime: 161 msec.  
152 rows affected

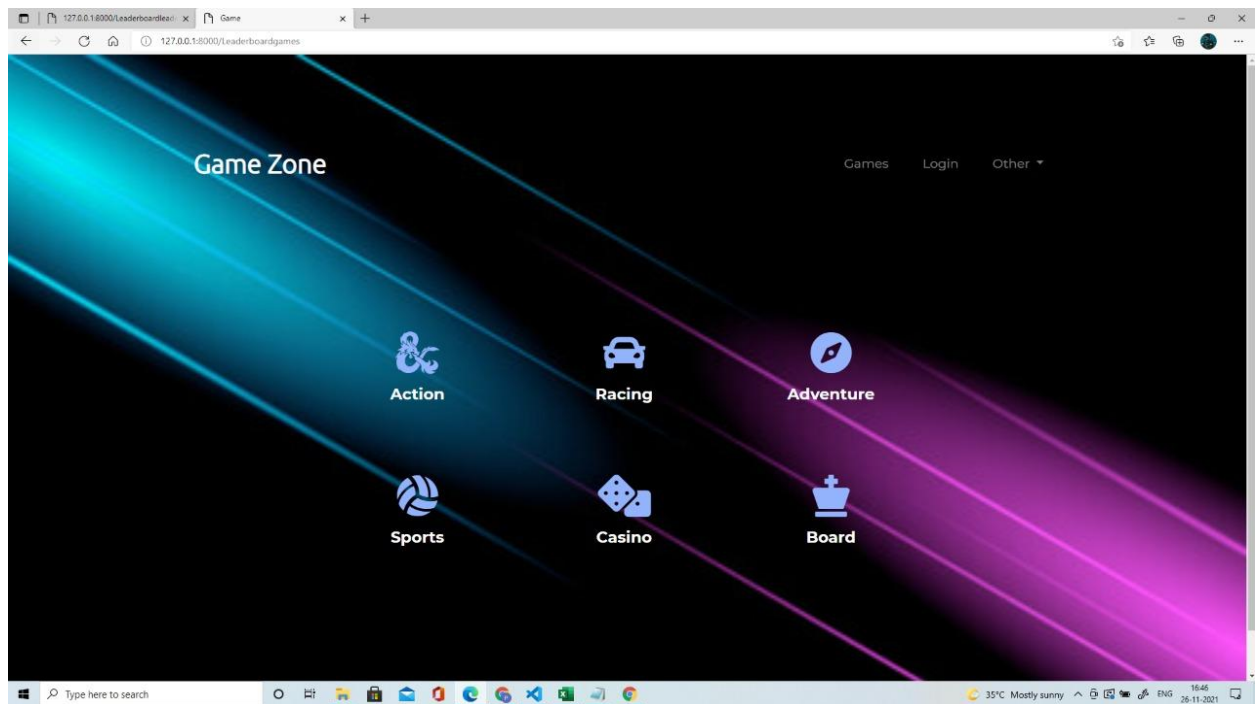
## PROFILE PAGE:

After login, users can see their profile.

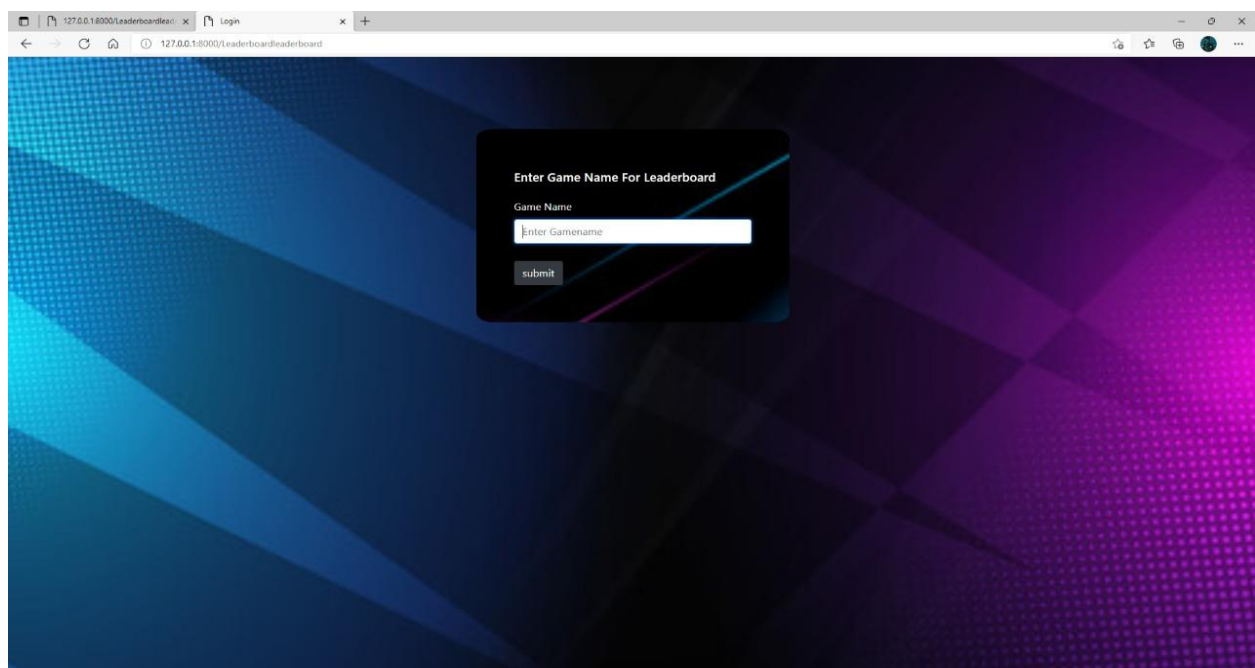


## Games

After clicking on “Games” in “Homepage” the user can see the page below.



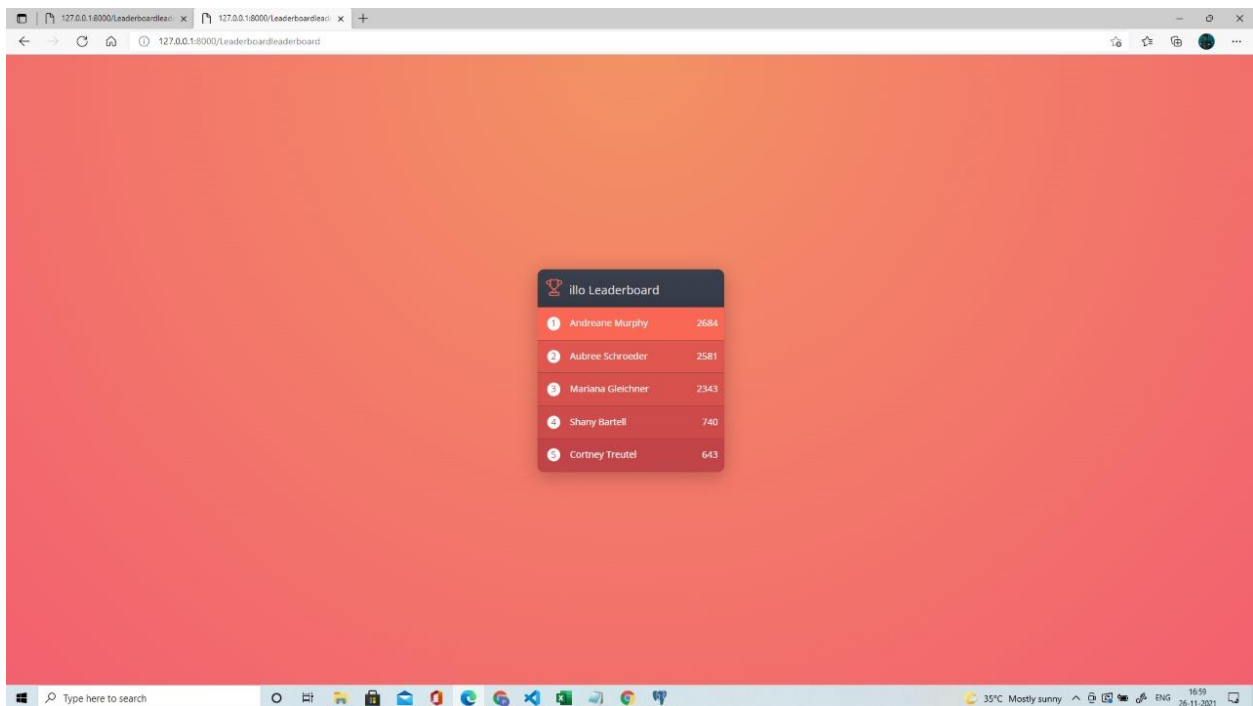
Now user can see the each type of game by clicking on the “Action”, “Racing”, “Adventure”, “Sports”, “Casino”, and “Board”. Players can see the leaderboard of each game by entering the “Game Name”.





## LeaderBoard:

Player entered the “illo” game and you can see the leaderboard below



Code Link:

[https://drive.google.com/drive/folders/1vgTo\\_5TaNccgsxewNv5uPXFHMXXJdxYH?usp=sharing](https://drive.google.com/drive/folders/1vgTo_5TaNccgsxewNv5uPXFHMXXJdxYH?usp=sharing)

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