

# **Rapid Application Development [SCS2208]**

## **Typr – The Type Racing Platform**

### **Component - Realtime Racing Component**

***R.S. Wickramasuriya***

***17001935***

“Typr” is a type racing platform, where people can compete with each other by typing.

I have developed a sample CRUD web application with HTML, PHP & Bootstrap for the Realtime Racing Component.

#### **Overview**

In this application we can add new users to the database to a race with their Username and Speed. This automatically creates a User ID for each user.

We also can edit User details (Username and Speed). To do that we can simply click the Edit button of the specific user. Then we can Type the new details and click Save User to update the database with the new details.

Then there is an option to delete any user. There is a Delete button beside the Edit button for each user. When we click it will erase the details of that user from the database.

In the bottom of the page there is a table containing all the details of all Users (User ID, Username, Speed) by their order of the Speed with the options to Edit or Delete Users.

## **Assumptions**

Because of this is supposed to be a real-time component there are some adjustments to apply the CRUD operations.

- The User Speed is supposed to automatically calculated and changed by time. In this application I have implemented Speed to be added when we create a User and it can also update.
- User name basically couldn't change during a race. In this application it has developed as it can be edited.