**Web Application Development 1 - Final Project**

**Team Name** :- **JS Warriors**

**Team members:**

* Daniel Nigussie
* Temesgen Assefa
* Amelework Cheklie

**Project Description**: Our Project is about restaurant, structure based on user and admin interaction,

**Admin able to**

* delete menu from the list
* update/add new menu to list
* Sign in (including Authentication)

**user able to see**

* menu list
* menu details
* can write review(comment) and
* can give rating

**Technologies that we have been used**

* we have used MongoDB as a persistent data storage (it has user and menu schema in the model)
* our project UI Built by React,

**the React UI part used**

**-lifecycle hooks** , so that we call **componentDidMount** when we create our state. And **componentUpdate** when we update the state we also use the event handlers (onClick, onChang)

- our restaurant app has been used **BrowserRouter** from React-router-dom(package)

-also use **Axios** (3rd party) to send http request to our MongoDB server, so that we abele to do **GET, POST, PUT, DELETE** methods

We have used **forms** for log in, register and add menu components

**Member one about ADMIN**

**Explain your tasks clearly**

* create the git repository
* built mongoDB server
* follow up the team members
* built admin component
* manage the project , submit, deployed

**Explain your components clearly**

* Admin has the Authorization to access & control the **server (**main data storage).
* When Admin logged in and once he get Authorization the page redirected him to the admin component
* In Admin component admin could update and delete menu from the list.

**Member Two about USER**

**Explain your tasks clearly**

* Built forms (register and log in component)
* Contribute on the server-side building process

**Explain your components clearly**

Register form,

Anyone can fill out register form then after he/she can log in (GET & POST METHOD)

Login form

For the user component, we have login form, the form use event handler (onClick)

Once user can click to the login button (POST METHOD) and get the approval it can take him to the menu list display.

User can be select the menu from the list to see the details.

User also write the comment, give rating, and submit it

**Member Three about MENU**

**Explain your tasks clearly**

* Built Menu components
* Contribute on the server-side building process

Explain your components clearly

When the user selects “MENU” from navbar and click on it, user can see the menu lists

Menu component can fetch (POST METHOD) all the menu and display

Problems that we face

* connecting server to the react during fetch
* when I built component sometimes I missed some basic

Explain your tasks clearly

Explain your components clearly

How much of them have you completed

Missing parts

What you learn