IT5039

Client-side Development

**Project**

Project Documentation

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**Task 1. Planning**

**System Design Document**

The responsive website I have created is about the multicultural restaurant named **Divine Restaurant**. I have tried to make my website pretty much simple and easy to use for the users. I have used HTML, CSS, JavaScript for this website to make it more beautiful and responsible. I have used various sites to learn various things and W3School is the most useful one while making this website.

For the **Main page/Home page**, I have included just some important points on my navigation bar so that the beginner of the computer users can also understand and use it. Then on the main body I have simply mentioned the concept of the restaurant with a background image. Slightly scrolling down, I have put on another division explaining the restaurant innovations and have added a video too. Also, this division starts with a component created using react JavaScript on a button About us so when hover in this button it shows the message “Know us more”. At the end have added simple footer.

While going inside the **Gallery page**, users will be able to see the pictures of beautiful meals with their names. Users can slide the pictures right and left with the arrow buttons. The concept is very decent and simple with the images in the middle and background with a sea green colour. I have attached an event that do DOM manipulation.

When we are in the **Reservation page**, Users will be able to make a booking through filling up a reservation form which includes name, email, phone number, number of people and date for the booking. Below it has a small message for the users. Used DOM event for this form as well and while finishing up filling the form, clicking Submit button will displays the Thank you for registering message.

When entering the last page **Contact page**, there will be the information of about what restaurant do, location, career opportunities, address, phone number and social media where users can find the restaurant.

**Task 2. Implementation and Testing**

The responsive webpage that I have created is using HTML, CSS, and JavaScript. I made four responsive pages using HTML5 structure and other elements. I made it simple for the user including list, accessible texts and paragraph and included relevant and accessible multimedia contents which loads correctly in all the browsers. I have used different browsers to check either the website is working or not. I have also included some navigation links to go to another page from one page. Had included elements that have events which do DOM manipulation. Also added react JavaScript. Provided a web form that uses JavaScript to validate user entries and goes to Thank you page. Finally, tested in latest versions of Chrome and Firefox which are working perfectly.

**UI Design Document**

Diagram

Description automatically generated

Figure: Sitemap of website

**Multi-device wireframes**

**For Desktop (1680\*1050)**

Graphical user interface, text, application, email

Description automatically generated

Diagram

Description automatically generated

A picture containing diagram

Description automatically generated

Timeline

Description automatically generated

**For Tablet (1024\*768)**

Graphical user interface, text, application, email

Description automatically generated

Diagram

Description automatically generated

A picture containing diagram

Description automatically generated

Timeline

Description automatically generated

**For Mobile Device (360\*740)**

A picture containing diagram

Description automatically generated

Letter

Description automatically generated with low confidence

A picture containing graphical user interface

Description automatically generated

Table

Description automatically generated

**Multi-device mock-up**

**For Desktop (1680\*1050)**

Graphical user interface, application

Description automatically generated

**For Tablet (1024\*768)**

Graphical user interface, website

Description automatically generated

**For Mobile Phone (360\*740)**

Graphical user interface, website

Description automatically generated