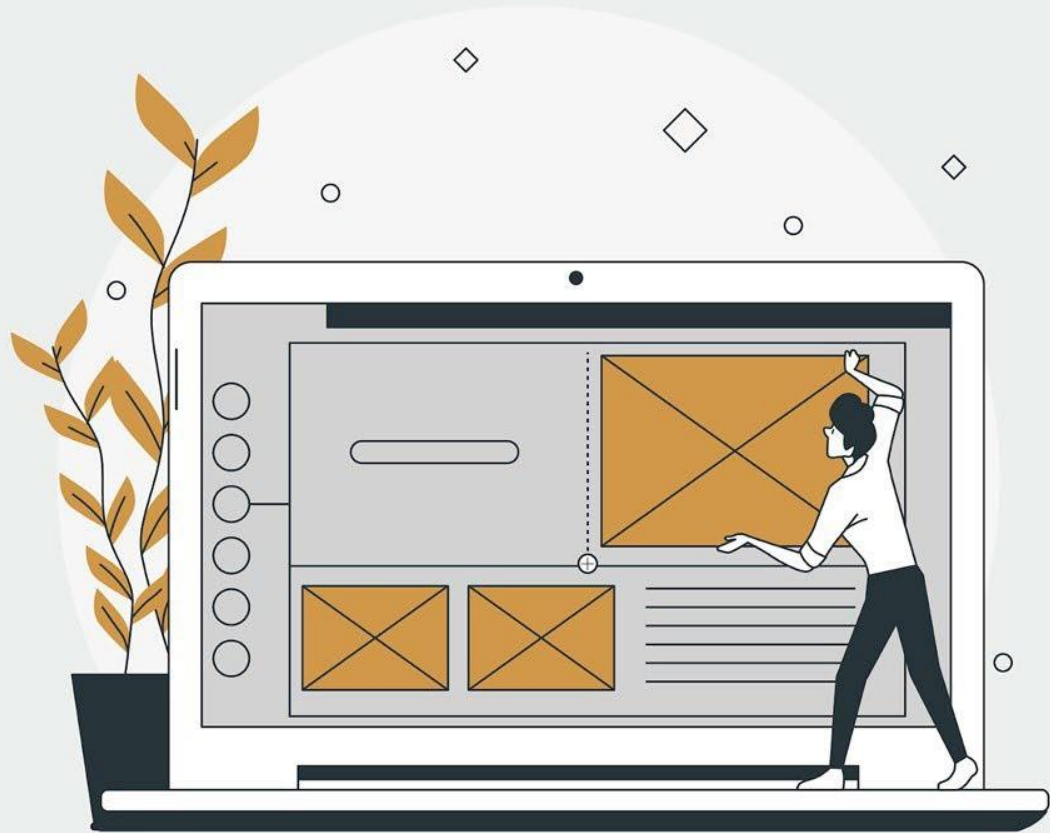




Front End

Task - 2



Calculator and Text Editor

LMS Username	Name	Batch
2113a53227	DHIVYADHARSHINI P	A53
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Task - 2

Create various Front End Programs

- Draw and design a uniform front end code for calculator
- Draw and design a interactive front end code for text-editor

Evaluation Metric:

- 100% Completion of the above tasks

Learning Outcome

- Get to know about concepts of project bucketing
- Knowing about various frontend development framework like angular, vue,react
- Know about various react topics like components, props, state, life cycle etc.

HTML Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Food Delivery App</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
<header>
<nav>
<ul>
<li><a href="#">Home</a></li>
<li><a href="#">Menu</a></li>
<li><a href="#">Order Now</a></li>
<li><a href="#">Contact Us</a></li>
</ul>
</nav>
</header>
<main>
<section class="hero">
<h1>Delivering Delicious Food to Your Doorstep</h1>
<form>
<label for="location">Enter your location</label>
<input type="text" id="location" placeholder="Your delivery address...">
<button type="submit">Find Food</button>
```

```
</form>
</section>
<section class="categories">
  <h2>Popular Categories</h2>
  <ul>
    <li>
      <a href="#">
        
        <h3>Pizza</h3>
      </a>
    </li>
    <li>
      <a href="#">
        
        <h3>Burgers</h3>
      </a>
    </li>
    <li>
      <a href="#">
        
        <h3>Sushi</h3>
      </a>
    </li>
    <li>
      <a href="#">
        
```

```
<h3>Tacos</h3>
  </a>
</li>
</ul>
</section>
<section class="featured">
  <h2>Featured Restaurants</h2>
  <ul>
    <li>
      <a href="#">
        
        <h3>Restaurant 1</h3>
        <p>Italian cuisine</p>
        <p>4.5<span class="star">&#9733;</span></p>
        <p>30-40 min</p>
      </a>
    </li>
    <li>
      <a href="#">
        
        <h3>Restaurant 2</h3>
        <p>Chinese cuisine</p>
        <p>4.3<span class="star">&#9733;</span></p>
        <p>25-35 min</p>
      </a>
    </li>
  </ul>
</section>
```

```
<li>
  <a href="#">
    
    <h3>Restaurant 3</h3>
    <p>Mexican cuisine</p>
    <p>4.2<span class="star">&#9733;</span></p>
    <p>20-30 min</p>
  </a>
</li>
</ul>
</section>
</main>
<footer>
  <p>&copy; 2023 Food Delivery App</p>
</footer>
</body>
</html>
```

CSS Code:

```
/* Global styles */
body
{
font-family: Arial, sans-serif;
font-size: 16px;
margin: 0;
}
ul {
list-style: none;
padding: 0;
margin: 0;
}
a {
text-decoration: none;
color: inherit;
}
/* Header styles */
header {
background-color: #f8f8f8;
padding: 20px;
}
nav {
display: flex;
```



```
    justify-content: space-between;
  }
  nav ul {
    display: flex;
  }
  nav li {
    margin-right: 20px;
  }
  nav a:hover {
    color: #ff7f50;
  }
  /* Hero section styles */
  .hero {
    background-image: url('hero-bg.jpg');
    background-size: cover;
    background-position: center;
    height: 500px;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    color: #fff;
  }
  .hero h1 {
    font-size: 48px;
    text-align: center;
```

```
margin-bottom: 30px;
}
.hero form {
display: flex;
justify-content: center;
align-items: center;
}
.hero form label {
font-size: 24px;
margin-right: 10px;
}
.hero form input[type="text"] {
width: 300px;
height: 40px;
padding: 10px;
border-radius: 5px;
border: none;
margin-right: 10px;
}
.hero form button[type="submit"] {
height: 40px;
padding: 0 20px;
border: none;
border-radius: 5px;
background-color: #ff7f50;
color: #fff;
```

```
font-size: 18px;
cursor: pointer;
}
.hero form button[type="submit"]:hover {
  background-color: #ff6347;
}
/* Categories section styles */
.categories {
  padding: 50px 20px;
}
.categories h2 {
  font-size: 36px;
  text-align: center;
  margin-bottom: 30px;
}
.categories ul {
  display: flex;
  justify-content: center;
  align-items: center;
}
.categories li {
  margin-right: 20px;
  text-align: center;
}
.categories a img {
  width: 200px;
```

```
height: 200px;
object-fit: cover;
border-radius: 5px;
}
.categories h3 {
font-size: 24px;
margin-top: 10px;
}
/* Featured section styles */
.featured {
padding: 50px 20px;
background-color: #f8f8f8;
}
.featured h2 {
font-size: 36px;
text-align: center;
margin-bottom: 30px;
}
.featured ul {
display: flex;
justify-content: center;
align-items: center;
}
.featured li {
margin-right: 20px;
text-align: center;
}
```

```
.featured a img {  
  width: 300px;  
  height: 200px;  
  object-fit: cover;  
  border-radius: 5px;  
  margin-bottom: 10px;  
}  
.featured h3 {  
  font-size: 24px;  
  margin-top: 10px;  
}  
.featured p {  
  margin-top: 5px;  
  font-size: 18px;  
}  
.featured .star {  
  color: #
```

JS Code

```
// Define variables
const searchForm = document.querySelector('#search-form');
const searchInput = document.querySelector('#search-input');
const categoriesList = document.querySelector('#categories-list');
const featuredList = document.querySelector('#featured-list');

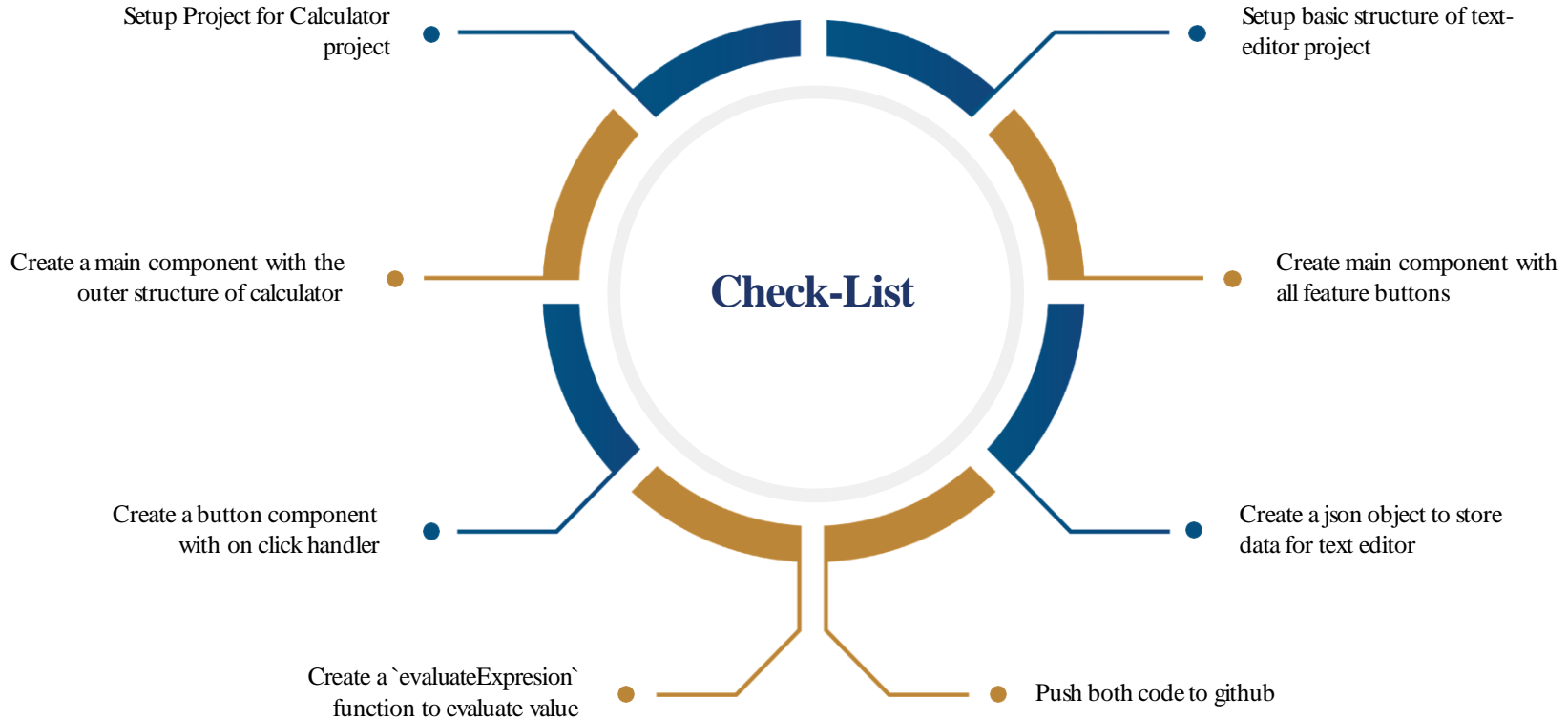
// Define functions
function searchFood(event) {
  event.preventDefault();
  // Get search query and clear input field
  const searchQuery = searchInput.value.trim();
  searchInput.value = '';
  // Redirect to search results page with search query as parameter
  window.location.href = `search.html?q=${searchQuery}`;
}

function displayCategories(categories) {
  // Loop through categories and create HTML elements
  categories.forEach((category) => {
    const categoryItem = document.createElement('li');
    const categoryLink = document.createElement('a');
    const categoryImage = document.createElement('img');
    const categoryTitle = document.createElement('h3');
    // Set attributes and text content for HTML elements
    categoryLink.setAttribute('href', `category.html?id=${category.id}`);
```

```
categoryImage.setAttribute('src', category.image);
categoryImage.setAttribute('alt', category.title);
categoryTitle.textContent = category.title;
// Append HTML elements to categories list
categoryLink.appendChild(categoryImage);
categoryLink.appendChild(categoryTitle);
categoryItem.appendChild(categoryLink);
categoriesList.appendChild(categoryItem);
});
}
function displayFeaturedItems(featuredItems) {
  // Loop through featured items and create HTML elements
  featuredItems.forEach((item) => {
    const itemCard = document.createElement('div');
    const itemImage = document.createElement('img');
    const itemTitle = document.createElement('h3');
    const itemDescription = document.createElement('p');
    const itemPrice = document.createElement('p');
    const itemButton = document.createElement('button');
    // Set attributes and text content for HTML elements
    itemCard.setAttribute('class', 'card');
    itemImage.setAttribute('src', item.image);
    itemImage.setAttribute('alt', item.title);
    itemTitle.textContent = item.title;
    itemDescription.textContent = item.description;
    itemPrice.textContent = `$$${item.price.toFixed(2)}`;
```

```
itemButton.textContent = 'Add to cart';
// Append HTML elements to featured items list
itemCard.appendChild(itemImage);
itemCard.appendChild(itemTitle);
itemCard.appendChild(itemDescription);
itemCard.appendChild(itemPrice);
itemCard.appendChild(itemButton);
featuredList.appendChild(itemCard);
});
}
// Attach event listeners
searchForm.addEventListener('submit', searchFood);
// Load data and display categories and featured items
fetch('categories.json')
  .then((response) => response.json())
  .then((data) => displayCategories(data));
fetch('featured-items.json')
  .then((response) => response.json())
  .then((data) => displayFeaturedItems(data));
```


Assessment Parameter



Submission Github



https://github.com/DeepakKumar-15/Group_A53_02

Thank you!

