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**PROJECT REPORT**

**CookBook: Your Virtual Kitchen Assistant**

YEAR : **2024 – 2025**

COLLEGE NAME : **K.C.S KASI NADAR COLLEGE OF ARTS & SCIENCE**

CODE : UNM203

DEPARTMENT : **COMPUTER SCIENCE**

PROGRAM : **B.Sc Computer Science**

SEMESTER : **VI**

PROJECT SUBMITTED TO: UNIVERSITY OF MADRAS / NAAN MUDALVAN

Course Name : **Front End Development and Database Administration**

**TEAM LEADER:**

BHARATH C

**MEMBERS:**

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2.CHANDRU A

3.DHANUSH D

4.ZAHEER AHAMED Z

**GUIDED BY: Dr. S.KALAISELVI**

**SPOC NAME: Dr.K. LALITHAKAMESWARI**

**Receipe.css:**

.Recipie-page{

    padding-top: 12vh;

    min-height: 60vh;

}

.recipie-img{

    width: 100%;

    padding-top: 2vh;

}

.recipie-img img{

    width: 98%;

    margin-left: 1%;

    height: 85vh;

    border-radius: 0.7rem;

}

.recipie-data-container{

    display: grid;

    grid-template-columns: 65% 25%;

    justify-content: space-evenly;

}

.recipie-data{

    box-shadow: rgba(0, 0, 0, 0.2) 0px 18px 50px -10px;

    position: relative;

    top: -15vh;

    background-color: #fff;

    padding: 4vh 2vw;

    border-radius: 0.6rem;

}

.recipie-header{

}

.recipie-header h4{

    margin: 0;

    font-size: 1.5rem;

    font-weight: 500;

}

.recipie-header .recipie-specials{

    display: flex;

    gap: 10px;

}

.recipie-header .recipie-specials p{

    border: 1px solid rgb(209, 35, 73);

    color: rgb(209, 35, 73);

    padding: 5px 20px;

    border-radius: 2rem;

    font-size: 0.7rem;

}

.recipie-data .procedure{

}

.recipie-data .procedure h5{

    font-size: 1.3rem;

    font-weight: 500;

    margin: 0;

    padding-top: 3vh;

}

.recipie-data .procedure p{

    margin: 0;

    font-size: 0.9rem;

}

.youtube-video-container{

}

.youtube-video-container h5{

    font-size: 1.3rem;

    font-weight: 500;

    margin: 0;

    padding-top: 3vh;

}

.ingredients-container{

    box-shadow: rgba(0, 0, 0, 0.2) 0px 18px 50px -10px;

    position: relative;

    top: -15vh;

    background-color: #fff;

    padding: 4vh 2vw;

    border-radius: 0.6rem;

    height: fit-content;

}

.ingredients-container h3{

    margin: 0;

    padding-bottom: 1vh;

    font-size: 1.3rem;

    font-weight: 500;

    color: rgb(209, 35, 73);

}

.ingredients{

    display: flex;

    flex-direction: column;

    gap: 10px;

    padding: 0;

}

.ingredient{

    display: flex;

    align-items: center;

    justify-content: space-between;

}

.ingredient h5{

    font-size: 1rem;

    margin: 0;

    font-weight: 400;

    max-width: 50%;

}

.ingredient p{

    margin: 0;

    font-size: 0.8rem;

    max-width: 40%;

}

**Newletter.css:**

.newsletter-container{

    height: 60vh;

    display: flex;

    align-items: center;

}

.newsletter-body{

    width: 70%;

    margin-left: 10%;

    padding: 8vh 5vw;

    box-shadow: rgba(17, 17, 26, 0.05) 0px 4px 16px, rgba(17, 17, 26, 0.05) 0px 8px 32px;

    display: flex;

    border-radius: 0.6rem;

}

.newsletter-text{

    display: flex;

    align-items: start;

    gap: 15px;

    width: 50%;

}

.newsletter-text .food-icon{

    font-size: 3.5rem;

    color: rgb(209, 35, 73);

}

.newsletter-text span{

    width: 80%;

    text-align: left;

}

.newsletter-text span h4{

    margin: 0;

    font-size: 1.1rem;

}

.newsletter-text span p{

    margin: 0;

    font-size: 0.55rem;

}

.newsletter-input-body{

    margin-left: 5%;

}

.newsletter-input{

    display: flex;

    align-items: center;

    width: 100%;

    border: 1px solid #000;

    padding: 3px 3px 3px 5px;

    border-radius: 0.2rem;

}

.newsletter-input span{

    width: 75%;

    display: flex;

    align-items: center;

    gap: 10px;

}

.newsletter-input span .mail-icon{

    color:rgb(209, 35, 73);

}

.newsletter-input span input{

    height: 8vh;

    border: none;

    width: 90%;

}

.newsletter-input span input:focus{

    outline: none;

}

.newsletter-input button{

    width: 25%;

    height: 8vh;

    background-color: #000;

    border: 2px solid #000;

    color: aliceblue;

    border-radius: 0.2rem;

    cursor: pointer;

}

.newsletter-input-body p{

    font-size: 0.8rem;

    display: flex;

    align-items: start;

    gap: 5px;

    color: #8f8f8f;

}

.newsletter-input-body p .tick-icon{

    font-size: 1.2rem;

    color: rgb(209, 35, 73);

}

**Navbar.css:**

.Navbar{

    display: flex;

    align-items: center;

    height: 12vh;

    justify-content: space-between;

    width: 100%;

    position: fixed;

    z-index: 100;

    background-color: #fff;

    box-shadow: rgba(0, 0, 0, 0.1) 0px 4px 12px;

}

.Navbar h3{

    padding-left: 4vw;

    font-family: 'Whisper', cursive;

    font-size: 2.3rem;

    color: rgb(209, 35, 73);

    cursor: pointer;

}

.Navbar .nav-options{

    display: flex;

    align-items: center;

    padding-right: 3vw;

    gap: 30px;

}

.Navbar ul{

    display: flex;

    gap: 30px;

}

.Navbar a{

    text-decoration: none;

}

.Navbar ul li{

    list-style: none;

    cursor: pointer;

    color: #807e7e;

}

.Navbar ul li:hover{

    color: #000;

}

.Navbar ul Link{

    list-style: none;

    cursor: pointer;

    color: #807e7e;

}

.Navbar ul Link:hover{

    color: #000;

}

.nav-search{

    display: flex;

    align-items: center;

    border: 1px solid #3f3f3faf;

    padding: 3px;

    border-radius: 2rem;

}

.nav-search span{

    display: flex;

    align-items: center;

}

.nav-search-icon{

    color: #807e7e;

    padding-left: 5px;

}

.nav-search span input{

    border: none;

}

.nav-search span input:focus{

    outline: none;

}

.nav-search button{

    border-radius: 2rem;

    padding: 0 10px;

    border: none;

    background-color: rgb(102, 110, 102);

    color: aliceblue;

    height: 4vh;

    cursor: pointer;

}

**Home.css:**

.homepage{

    padding-top: 12vh;

}

**Hero.css:**

.hero-container{

    display: grid;

    grid-template-columns: 50% 50%;

}

.hero-text{

    display: flex;

    flex-direction: column;

    padding-top: 25vh;

    padding-left: 4vw;

}

.hero-text .hero-line{

    height: 3px;

    width: 10vw;

    background-color: rgb(209, 35, 73);;

}

.hero-text h1{

    margin: 0;

    font-size: 2.8rem;

    font-weight: 500;

    line-height: 1.2;

}

.hero-text p{

    margin: 0;

}

.hero-text button{

    width: 15vw;

    height: 8vh;

    background: linear-gradient(90deg, rgb(0, 0, 0) 0%,  rgb(255, 255, 255) 100%);

    background-size: 200% 120%;

    background-position: 100% 0;

    transition: background-position 0.5s ease-in-out;

    transition: color 0.8s ease;

    cursor: pointer;

    border-radius: 0.3rem;

    border: 1.5px solid #908f8f;

    font-weight: 600;

    font-size: 0.9rem;

    margin-top: 3vh;

}

.hero-text button:hover{

    background-position: 0 0;

    color: aliceblue;

    transition: color 0.8s ease;

    transition: background-position 0.5s ease-in-out;

}

.hero-images{

    display: flex;

    width: 100%;

    gap: 5vh;

    justify-content: center;

}

.hero-images .span1{

    display: flex;

    flex-direction: column;

    gap: 5vh;

    padding-top: 5vh;

}

.hero-images .span2{

    display: flex;

    flex-direction: column;

    gap: 5vh;

    padding-top: 15vh;

}

.hero-images img{

    width: 20vw;

    border-radius: 0.7rem;

    box-shadow: rgba(99, 99, 99, 0.2) 0px 2px 8px 0px;

}

.hero-images img:hover{

    transform: scale(1.1);

    transition: 0.5s ease-in-out;

}

**Footer.css:**

.footer{

    background-color: rgb(255, 57, 100);

    padding: 5vh 2vw 0 2vw;

}

.footer h3{

    font-family: 'Whisper', cursive;

    color: aliceblue;

    font-size: 2.3rem;

    margin: 0;

    padding-left: 2vw;

}

.footer hr{

}

.footer-options {

    display: flex;

    justify-content: space-between;

    padding: 0 5vw;

    align-items: center;

    gap: 30px;

}

.footer-options ul{

        display: flex;

        flex-direction: column;

        gap: 10px;

}

.footer-options ul li{

    list-style: none;

    cursor: pointer;

    color: rgb(229, 230, 231);

    font-size: 0.8rem;

}

.footer-options ul li:hover{

    color: #ffffff;

}

.footer p{

    margin: 0;

    text-align: center;

    padding: 2vh 0;

    color: rgb(182, 182, 182);

}

**Categorypage.css:**

.category-page{

    padding-top: 14vh;

    padding-bottom: 8vh;

    min-height: 50vh;

}

.categorypage-head{

    display: flex;

    justify-content: space-between;

    align-items: center;

}

.categorypage-head h2{

    padding-left: 2vw;

    font-weight: 500;

}

.categorypage-head-options{

    padding-right: 3vw;

}

.categorypage-head-options p{

    margin: 0;

    font-size: 0.8rem;

}

.categorypage-head-options span{

    display: flex;

    gap: 10px;

    align-items: center;

    margin-top: 5px;

}

.categorypage-head-options span button{

    width: 70px;

    font-size: 0.7rem;

    height: 6vh;

    border: 1.5px solid #000;

    border-radius: 0.3rem;

    color: #000;

    font-weight: 600;

    background-color: rgba(240, 248, 255, 0);

    cursor: pointer;

}

.categorypage-head-options span button:hover{

    background-color: #000;

    color: rgb(251, 7, 15);

}

.categorypage-body{

}

.food-items{

    width: 96%;

    margin-left: 2%;

    margin-top: 3vh;

    display: grid;

    grid-template-columns: 23% 23% 23% 23%;

    justify-content: space-between;

    row-gap: 5vh;

}

.food-items .food-item{

    box-shadow: rgba(0, 0, 0, 0.09) 0px 3px 12px;

    padding: 10px;

    border-radius: 0.7rem;

    cursor: pointer;

}

.food-items .food-item:hover{

    box-shadow: rgba(0, 0, 0, 0.09) 0px 3px 12px;

    transform: translateY(-8px);

    transition: 0.3s;

}

.food-items .food-item img{

    width: 100%;

    height: 35vh;

    border-radius: 0.7rem;

}

.food-items .food-item h4{

    margin: 0;

    font-weight: 400;

    color: rgb(209, 35, 73);

}

**Categoryhome.css:**

.home-categories-container{

    padding-top: 10vh;

}

.popular-categories-body{

    background-color: rgba(236, 255, 228, 0.199);

    padding: 5vh 0;

}

.popular-categories-body h3{

    text-align: center;

    margin: 0;

    font-size: 1.6rem;

    font-weight: 500;

    color: rgb(209, 35, 73);

}

.popular-categories-body p{

    text-align: center;

    margin: 0 0 5vh 0;

    width: 40%;

    margin-left: 30%;

    color: rgb(135, 135, 135);

}

.popular-categories{

    display: grid;

    grid-template-columns: 33% 33% 33%;

    justify-content: space-between;

    gap: 3vh;

    row-gap: 5vh;

    width: 80%;

    margin-left: 10%;

    margin-bottom: 8vh;

}

.popular-category{

    width: 100%;

    height: 30vh;

    cursor: pointer;

}

.popular-category:hover{

    transform: scale(1.05);

    transition: 0.5s ease-in-out;

}

.popular-category img{

    width: 100%;

    height: 30vh;

    border-radius: 0.7rem;

}

.popular-category span{

    position: relative;

    top: -6vh;

    left: 2vw;

}

.popular-category span h4{

    margin: 0;

    color: rgb(5, 21, 1);

    font-weight: 500;

}

.popular-category span p{

    margin: 0;

    color: rgb(90, 88, 88);

    font-size: 0.8rem;

    text-align: left;

}

.popular-category:hover .popular-category span{

}

.popular-dishes-body{

    padding: 5vh 0 10vh 0;

    background-color: rgba(253, 244, 246, 0.845);

}

.popular-dishes-body h3{

    text-align: center;

    margin: 0;

    font-size: 1.6rem;

    font-weight: 500;

    color: rgb(209, 35, 73);

}

.popular-dishes{

    width: 70%;

    margin-left: 15%;

    margin-top: 5vh;

    display: flex;

    flex-direction: column;

    gap: 3vh;

    row-gap: 3vh;

}

.popular-dishes .dishes-big{

    display: grid;

    grid-template-columns: 49% 49%;

    width: 100%;

    justify-content: space-between;

    height: 50vh;

}

.popular-dishes .dishes-small{

    display: grid;

    grid-template-columns: 32% 32% 32%;

    justify-content: space-between;

    height: 30vh;

}

.popular-dishes .popular-dish{

    width: 100%;

    cursor: pointer;

}

.popular-dishes .popular-dish:hover{

    transform: scale(1.05);

    transition: 0.5s ease-in-out;

}

.popular-dishes .dishes-big img{

    width: 100%;

    height: 50vh;

    border-radius: 0.5rem;

}

.popular-dishes .dishes-small img{

    width: 100%;

    height: 30vh;

    border-radius: 0.5rem;

}

.popular-dishes .popular-dish p{

    margin: 0;

    position: relative;

    top: -20%;

    left: 5%;

    color: rgb(209, 35, 73);

    background-color:rgb(253, 237, 241);

    width: fit-content;

    padding: 5px 10px;

    border-radius: 0.5rem;

}

.popular-dishes-body button{

    width: 12%;

    margin-left: 44%;

    margin-top: 5vh;

    padding: 1vh 0;

    border: none;

    border-radius: 0.5rem;

    background-color: rgb(209, 35, 73) ;

    color: white;

    font-size: 1rem;

    font-weight: 500;

    cursor: pointer;

    height: 8vh;

}

**Newsletter.jsx:**

import React from 'react'

import { IoFastFoodOutline, IoMailOutline } from "react-icons/io5";

import { FaRegCheckCircle } from "react-icons/fa";

import '../styles/NewsLetter.css'

const NewsLetter = () => {

const [subscribe, setSubscribe] = React.useState(false);

const [email, setEmail] = React.useState('');

const handleSubscribe = () => {

setEmail('');

setSubscribe(true);

setTimeout(() => {

setSubscribe(false);

}, 5000);

}

return (

<div className='newsletter-container'>

<div className="newsletter-body">

<div className="newsletter-text">

<IoFastFoodOutline className='food-icon' />

<span>

<h4>Unlock exclusive recipes, and foodie delights straight to your inbox.</h4>

<p>Get weekly meal inspiration, cooking tips, and expert advice delivered directly to you. Subscribe to our newsletter and level up your culinary skills</p>

</span>

</div>

<div className="newsletter-input-body">

<div className="newsletter-input">

<span>

<IoMailOutline className='mail-icon' />

<input type="text" placeholder='Your email address' onChange={(e)=> setEmail(e.target.value)} value={email} />

</span>

<button onClick={handleSubscribe}>Subscribe</button>

</div>

{subscribe &&

<p>Thanks for subscribing!!</p>

}

<p>

<FaRegCheckCircle className='tick-icon' />

We promise no spam, just yummy inspiration! Sign up now!

</p>

</div>

</div>

</div>

)

}

export default NewsLetter

**navbar.jsx:**

import React from 'react'

import '../styles/Navbar.css'

import { IoSearch } from "react-icons/io5";

import { Link, useNavigate } from 'react-router-dom'

import axios from 'axios';

const Navbar = () => {

const navigate = useNavigate()

const [search, setSearch] = React.useState('');

const handleSearch = async () => {

await axios.get(`https://www.themealdb.com/api/json/v1/1/search.php?s=${search}`)

.then(response => {

// console.log(response.data.meals[0].idMeal)

setSearch('');

navigate(`/recipie/${response.data.meals[0].idMeal}`)

})

.catch(error => {

navigate('/')

setSearch('');

alert('No such recipe found!!')

}

);

}

return (

<div className='Navbar'>

<h3 onClick={()=>navigate('/')}>pappa e ciccia</h3>

<div className='nav-options'>

<ul>

<li onClick={()=>navigate('/')}>Home</li>

{(window.location.href === "http://localhost:3000/" || window.location.href === "http://localhost:3000/#popular") ?

<a href="#popular"><li>Popular</li></a>

:

<Link to='/#popular'><li>Popular</li></Link>

}

</ul>

<div className="nav-search">

<span>

<IoSearch className='nav-search-icon' />

<input type="text" placeholder="Type something.." onChange={(e)=>setSearch(e.target.value)} value={search} />

</span>

<button onClick={handleSearch} >Search</button>

</div>

</div>

</div>

)

}

export default Navbar

**hero.jsx:**

import React from 'react'

import '../styles/Hero.css'

import heroImg1 from '../images/hero-img1.png'

import heroImg2 from '../images/hero-img2.png'

import heroImg3 from '../images/hero-img3.png'

import heroImg4 from '../images/hero-img4.png'

const Hero = () => {

return (

<div className='hero-container'>

<div className="hero-text">

<div className="hero-line" />

<h1>Discover delicious recipes for every occasion..</h1>

<p>Ready to tantalize your taste buds? Dive into our endless recipe library and find your next food adventure.</p>

<a href="#recipies"><button>Recipies</button></a>

</div>

<div className="hero-images">

<span className='span1'>

<img src={heroImg2} alt="" />

<img src={heroImg4} alt="" />

</span>

<span className='span2'>

<img src={heroImg3} alt="" />

<img src={heroImg1} alt="" />

</span>

</div>

</div>

)

}

export default Hero

**footer.jsx:**

import React from 'react'

import '../styles/Footer.css'

import { useNavigate } from 'react-router-dom'

const Footer = () => {

const navigate = useNavigate()

return (

<div className='footer'>

<h3>pappa e ciccia</h3>

<div className="footer-options">

<ul>

<li onClick={()=>navigate(`/`)}>Home</li>

<li onClick={()=>navigate(`/category/Chicken`)}>Chicken</li>

<li onClick={()=>navigate(`/category/Breakfast`)}>Breakfast</li>

</ul>

<ul>

<li onClick={()=>navigate(`/category/Dessert`)}>Dessert</li>

<li onClick={()=>navigate(`/category/Goat`)}>Goat</li>

<li onClick={()=>navigate(`/category/Lamb`)}>Lamb</li>

</ul>

<ul>

<li onClick={()=>navigate(`/category/Pasta`)}>Pasta</li>

<li onClick={()=>navigate(`/category/Seafood`)}>Seafood</li>

<li onClick={()=>navigate(`/category/Starter`)}>Starter</li>

</ul>

<ul>

<li onClick={()=>navigate(`/category/Vegan`)}>Vegan</li>

<li onClick={()=>navigate(`/category/Side`)}>Side</li>

<li onClick={()=>navigate(`/category/Miscellaneous`)}>Miscellaneous</li>

</ul>

</div>

<hr />

<p>pappa e ciccia - &copy; 2025 - All Rights Reserved</p>

</div>

)

}

export default Footer

**categorieshome.jsx:**

import React, { useEffect } from 'react'

import '../styles/CategoriesHome.css'

import heroImg1 from '../images/hero-img1.png'

import heroImg2 from '../images/hero-img2.png'

import heroImg3 from '../images/hero-img3.png'

import heroImg4 from '../images/hero-img4.png'

import axios from 'axios'

import { useNavigate } from 'react-router-dom'

const CategoriesHome = () => {

const navigate = useNavigate()

const [items, setItems] = React.useState([])

const [categories, setCategories] = React.useState([])

useEffect(() => {

fetchCategories()

fetchItems()

}, [])

const fetchCategories = async () => {

await axios.get('https://www.themealdb.com/api/json/v1/1/categories.php')

.then(response => {

setCategories(response.data.categories)

console.log(response.data.categories)

})

.catch(error => console.error(error));

}

const fetchItems = async () => {

await axios.get('https://www.themealdb.com/api/json/v1/1/filter.php?a=Indian')

.then(response => {

setItems(response.data.meals)

console.log(response.data.meals)

})

.catch(error => console.error(error));

}

return (

<div className='home-categories-container' id='popular'>

<div className="popular-categories-body">

<h3>Most Popular Categories</h3>

<p>Be sure not to miss out the categories of these most popular categories. Enjoy trying them out!</p>

{categories.length > 0 ?

<>

<div className="popular-categories">

{categories.map((category, index)=>{

return (

index < 9 &&

<div className="popular-category" key={index} onClick={()=>navigate(`/category/${category.strCategory}`)} >

<img src={category.strCategoryThumb} alt="" />

<span>

<h4>{category.strCategory}</h4>

<p>View All Recipies</p>

</span>

</div>

)

}

)}

</div>

</>

:"Loading"}

</div>

<div className="popular-dishes-body" id='recipies'>

<h3>Trending Dishes</h3>

{items.length > 0 ?

<div className="popular-dishes">

<span className='dishes-small'>

<div className="popular-dish" onClick={()=> navigate(`/recipie/${items[6].idMeal}`)}>

<img src={items[6].strMealThumb} alt="" />

<p>{items[6].strMeal}</p>

</div>

<div className="popular-dish" onClick={()=> navigate(`/recipie/${items[7].idMeal}`)}>

<img src={items[7].strMealThumb} alt="" />

<p>{items[7].strMeal}</p>

</div>

<div className="popular-dish" onClick={()=> navigate(`/recipie/${items[8].idMeal}`)}>

<img src={items[8].strMealThumb} alt="" />

<p>{items[8].strMeal}</p>

</div>

</span>

<span className='dishes-big'>

<div className="popular-dish" onClick={()=> navigate(`/recipie/${items[0].idMeal}`)} >

<img src={items[0].strMealThumb} alt="" />

<p>{items[0].strMeal}</p>

</div>

<div className="popular-dish" onClick={()=> navigate(`/recipie/${items[5].idMeal}`)}>

<img src={items[5].strMealThumb} alt="" />

<p>{items[5].strMeal}</p>

</div>

</span>

<span className='dishes-small'>

<div className="popular-dish" onClick={()=> navigate(`/recipie/${items[2].idMeal}`)}>

<img src={items[2].strMealThumb} alt="" />

<p>{items[2].strMeal}</p>

</div>

<div className="popular-dish" onClick={()=> navigate(`/recipie/${items[3].idMeal}`)}>

<img src={items[3].strMealThumb} alt="" />

<p>{items[3].strMeal}</p>

</div>

<div className="popular-dish" onClick={()=> navigate(`/recipie/${items[4].idMeal}`)}>

<img src={items[4].strMealThumb} alt="" />

<p>{items[4].strMeal}</p>

</div>

</span>

</div>

:""}

{/\*

<button >View more</button> \*/}

</div>

</div>

)

}

export default CategoriesHome

**about.jsx:**

import React from 'react'

const About = () => {

return (

<div>About</div>

)

}

export default About