

**WEB PROGRAMMING LAB**

**BCSE203E**

**SLOT: L11 + L12 + L19 + L20**

LAB MANUAL

Exercise 9

Date: 01-04-2025

**GITHUB REPO LINK:**

<https://github.com/divyanshupatel17/23BAI1214_WEB_LAB>

**WEB PROG LAB PORTFOLIO:**

[**https://23bai1214-divyanshu-web-v0.netlify.app/**](https://23bai1214-divyanshu-web-v0.netlify.app/)

**SUBMITTED TO:**

**PROF. DR. ASHOKA RAJAN R**

**SUBMITTED BY:**

**DIVYANSHU PATEL  
23BAI1214**

**School of Computer Science and Engineering**

Vellore Institute of Technology, Chennai

Chennai 600127, Tamil Nadu

1. **Profile Card**

[**https://23bai1214-divyanshu-exercise-9-t-1.netlify.app/**](https://23bai1214-divyanshu-exercise-9-t-1.netlify.app/)

========== index.html ==========

<!doctype html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <link rel="icon" type="image/svg+xml" href="/vite.svg" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <title>Profile Card Project</title>

  </head>

  <body>

    <div id="root"></div>

    <script type="module" src="/src/main.jsx"></script>

  </body>

</html>

========== src/main.jsx ==========

import { StrictMode } from 'react'

import { createRoot } from 'react-dom/client'

import './index.css'

import App from './App.jsx'

createRoot(document.getElementById('root')).render(

  <StrictMode>

    <App />

  </StrictMode>,

)

========== src/App.jsx ==========

import React from 'react'

import './App.css'

import ProfileCard from './components/ProfileCard'

import profilesData from './data/profileData'

function App() {

  return (

    <div className="app-container">

      <div className="cards-grid">

        {profilesData.map((profile, index) => (

          <ProfileCard key={index} profileData={profile} />

        ))}

      </div>

    </div>

  )

}

export default App

========== src/App.css ==========

#root {

  width: 100%;

  margin: 0 auto;

  padding: 2rem;

  text-align: center;

}

.app-container {

  display: flex;

  justify-content: center;

  align-items: center;

  min-height: 100vh;

  background-color: #f8f8f8;

  width: 100%;

}

.cards-grid {

  display: flex;

  flex-wrap: wrap;

  justify-content: center;

  width: 100%;

  max-width: 1200px;

  margin: 0 auto;

}

@media (max-width: 1200px) {

  .cards-grid {

    max-width: 960px;

  }

}

@media (max-width: 980px) {

  .cards-grid {

    max-width: 720px;

  }

  .profile-card {

    flex: 0 0 calc(33.333% - 1.5rem) !important;

  }

}

@media (max-width: 768px) {

  #root {

    padding: 1rem;

  }

  .cards-grid {

    max-width: 540px;

  }

  .profile-card {

    flex: 0 0 calc(50% - 1.5rem) !important;

  }

}

@media (max-width: 576px) {

  .cards-grid {

    max-width: 100%;

  }

  .profile-card {

    flex: 0 0 calc(100% - 1.5rem) !important;

    max-width: 300px;

  }

}

========== src/index.css ==========

:root {

  font-family: system-ui, Avenir, Helvetica, Arial, sans-serif;

  line-height: 1.5;

  font-weight: 400;

  color: #213547;

  background-color: #ffffff;

}

\* {

  margin: 0;

  padding: 0;

  box-sizing: border-box;

}

body {

  margin: 0;

  padding: 0;

  min-width: 320px;

  min-height: 100vh;

}

========== src/components/ProfileCard.jsx ==========

import React from 'react';

import './ProfileCard.css';

const ProfileCard = ({ profileData }) => {

  const { name, designation, about, imageUrl } = profileData;

  return (

    <div className="profile-card">

      <img

        src={imageUrl}

        alt={`${name}'s profile`}

        className="profile-image"

      />

      <h2 className="profile-name">{name}</h2>

      <p className="profile-designation">{designation}</p>

      <p className="profile-about">{about}</p>

    </div>

  );

};

export default ProfileCard;

========== src/components/ProfileCard.css ==========

.profile-card {

  width: 100%;

  max-width: 250px;

  padding: 1.5rem;

  background-color: rgb(177, 120, 246);

  border-radius: 12px;

  box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);

  text-align: center;

  margin: 0.75rem;

  display: flex;

  flex-direction: column;

  align-items: center;

  flex: 0 0 calc(25% - 1.5rem);

  box-sizing: border-box;

}

.profile-image {

  width: 100px;

  height: 100px;

  border-radius: 50%;

  margin: 0 auto 1rem;

  object-fit: cover;

  display: block;

}

.profile-name {

  font-size: 1.3rem;

  font-weight: 600;

  margin-bottom: 0.25rem;

  color: #333;

}

.profile-designation {

  font-size: 0.9rem;

  color: #666;

  margin-bottom: 1rem;

}

.profile-about {

  font-size: 0.85rem;

  line-height: 1.5;

  color: #555;

  margin-bottom: 0.5rem;

}

@media (max-width: 480px) {

  .profile-card {

    padding: 1rem;

    max-width: 200px;

    margin: 0.5rem;

  }

  .profile-image {

    width: 80px;

    height: 80px;

  }

  .profile-name {

    font-size: 1.1rem;

  }

}

========== src/data/profileData.js ==========

import meImage from '../assets/me.jpg';

// Single profile data to be used for all cards

const profileData = {

  name: "Divyannshu Patel",

  designation: "Web Developer",

  about: "Passionate about creating beautiful and functional web applications with React.",

  imageUrl: meImage

};

// Create an array of 8 identical profiles

const profilesData = Array(8).fill(profileData);

export default profilesData;

========== package.json ==========

{

  "name": "vite-react-app",

  "private": true,

  "version": "0.0.0",

  "type": "module",

  "scripts": {

    "dev": "vite",

    "build": "vite build",

    "lint": "eslint .",

    "preview": "vite preview"

  },

  "dependencies": {

    "react": "^19.0.0",

    "react-dom": "^19.0.0"

  },

  "devDependencies": {

    "@eslint/js": "^9.21.0",

    "@types/react": "^19.0.10",

    "@types/react-dom": "^19.0.4",

    "@vitejs/plugin-react": "^4.3.4",

    "eslint": "^9.21.0",

    "eslint-plugin-react-hooks": "^5.1.0",

    "eslint-plugin-react-refresh": "^0.4.19",

    "globals": "^15.15.0",

    "vite": "^6.2.0"

  }

}

========== vite.config.js ==========

import { defineConfig } from 'vite'

import react from '@vitejs/plugin-react'

// https://vitejs.dev/config/

export default defineConfig({

  plugins: [react()],

})

OUTPUT:

