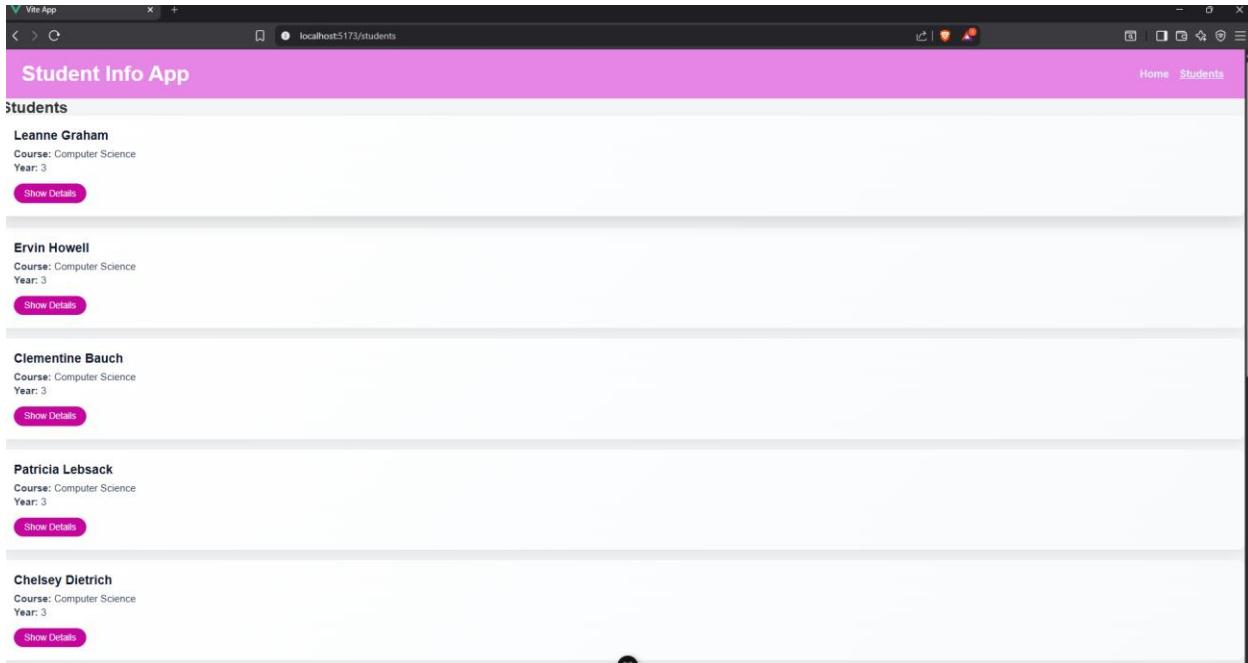
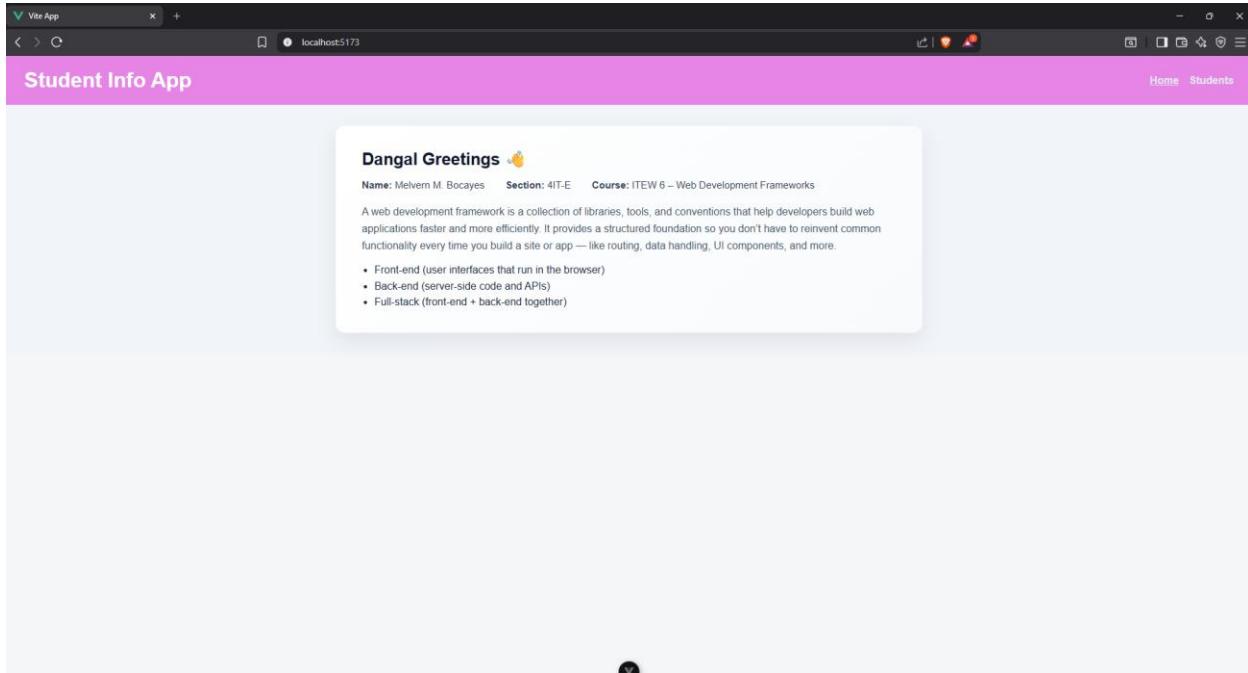


Melvern M. Bocayes  
4IT- E

February 09, 2026  
Dr. Luvim M. Eusebio



## Source Code

```
<template>
<header class="header">
  <h1>Student Info App</h1>
  <nav>
    <RouterLink to="/">Home</RouterLink>
    <RouterLink to="/students">Students</RouterLink>
  </nav>
</header>
</template>

<script setup>
</script>

<style scoped>
.header {
  background-color: #e685e6;
  color: white;
  padding: 1.2rem 2rem;
  display: flex;
  justify-content: space-between;
  align-items: center;
}

nav a {
  margin-left: 1rem;
  color: #e685e6;
  font-weight: bold;
}

nav a.router-link-active {
  text-decoration: underline;
}
</style>
```

### Components: HeaderComponents.vue

```
<template>
<header class="header">
  <h1>Student Info App</h1>
  <nav>
    <RouterLink to="/">Home</RouterLink>
    <RouterLink to="/students">Students</RouterLink>
  </nav>
</header>
</template>
```

```
<script setup>
</script>
```

```
<style scoped>
.header {
  background-color: #e685e6;
  color: white;
  padding: 1.2rem 2rem;
  display: flex;
  justify-content: space-between;
}
```

```
    align-items: center;
}

nav a {
  margin-left: 1rem;
  color: #e2e8f0;
  font-weight: bold;
}

nav a.router-link-active {
  text-decoration: underline;
}
</style>
```

### **StudentComponents.vue**

```
<template>
<div class="card">
  <h3>{{ name }}</h3>
  <p><strong>Course:</strong> {{ course }}</p>
  <p><strong>Year:</strong> {{ year }}</p>

  <button @click="toggleDetails">
    {{ showDetails ? 'Hide' : 'Show' }} Details
  </button>

  <p v-if="showDetails" class="details">
    Student is currently enrolled.
  </p>
</div>
</template>

<script setup>
import { ref } from 'vue'

defineProps({
  name: String,
  course: String,
  year: Number
```

```
})

const showDetails = ref(false)

function toggleDetails() {
  showDetails.value = !showDetails.value
}

</script>

<style scoped>
.card {
  background: linear-gradient(135deg, #ffffff, #f8fafc);
  border-radius: 10px;
  padding: 1.25rem;
  margin-bottom: 1rem;
  box-shadow: 0 6px 16px rgba(0, 0, 0, 0.08);
  transition: transform 0.2s ease, box-shadow 0.2s ease;
}

.card:hover {
  transform: translateY(-2px);
  box-shadow: 0 10px 22px rgba(0, 0, 0, 0.12);
}

h3 {
  margin-bottom: 0.5rem;
  font-size: 1.2rem;
  color: #0f172a;
}

p {
  margin: 0.25rem 0;
  color: #334155;
  font-size: 0.95rem;
}

button {
  margin-top: 0.75rem;
```

```
padding: 0.45rem 1rem;
border: none;
background-color: #c5069c;
color: rgb(255, 255, 255);
border-radius: 999px;
font-size: 0.85rem;
font-weight: 500;
cursor: pointer;
transition: background-color 0.2s ease, transform 0.1s ease;
}

button:hover {
  background-color: #ee11b7;
}

button:active {
  transform: scale(0.96);
}

.details {
  margin-top: 0.6rem;
  padding-top: 0.5rem;
  border-top: 1px solid #5471ac;
  font-size: 0.85rem;
  color: #475569;
  animation: fadeIn 0.25s ease;
}

@keyframes fadeIn {
  from {
    opacity: 0;
    transform: translateY(-4px);
  }
  to {
    opacity: 1;
    transform: translateY(0);
  }
}
```

```
</style>
```

## Pages: Home.vue

```
<template>
  <div class="page">
    <div class="wide-card">
      <h2>Dangal Greetings 🙌 </h2>

      <div class="info">
        <span><strong>Name:</strong> Melvern M. Bocayes</span>
        <span><strong>Section:</strong> 4IT-E</span>
        <span><strong>Course:</strong> ITEW 6 – Web Development Frameworks</span>
      </div>

      <p class="description">
        A web development framework is a collection of libraries, tools, and
        conventions that help developers build web applications faster and more
        efficiently. It provides a structured foundation so you don't have to
        reinvent common functionality every time you build a site or app — like
        routing, data handling, UI components, and more.
      </p>

      <ul>
        <li>Front-end (user interfaces that run in the browser)</li>
        <li>Back-end (server-side code and APIs)</li>
        <li>Full-stack (front-end + back-end together)</li>
      </ul>
    </div>
  </div>
</template>
<style scoped>
.page {
  display: flex;
  justify-content: center;
  padding: 2rem;
  background-color: #f1f5f9;
}
```

```
.wide-card {  
    max-width: 900px;  
    width: 100%;  
    background: linear-gradient(135deg, #ffffff, #f8fafc);  
    border-radius: 14px;  
    padding: 2rem 2.5rem;  
    box-shadow: 0 12px 30px rgba(0, 0, 0, 0.08);  
}
```

```
h2 {  
    font-size: 1.6rem;  
    color: #0f172a;  
    margin-bottom: 1rem;  
}
```

```
.info {  
    display: flex;  
    flex-wrap: wrap;  
    gap: 1rem 2rem;  
    margin-bottom: 1.25rem;  
    font-size: 0.95rem;  
    color: #334155;  
}
```

```
.description {  
    line-height: 1.6;  
    color: #475569;  
    margin-bottom: 1rem;  
}
```

```
ul {  
    padding-left: 1.2rem;  
    color: #1e293b;  
}
```

```
li {  
    margin-bottom: 0.4rem;
```

```
}
```

```
</style>
```

**Student.vue:**

```
<template>
<div>
<h2>Students</h2>

<p v-if="loading">Loading students...</p>
<p v-if="error" style="color:red">{{ error }}</p>

<StudentComponent
  v-for="student in students"
  :key="student.id"
  :name="student.name"
  course="Computer Science"
  :year="3"
/>
</div>
</template>

<script setup>
import { ref, onMounted } from 'vue'
import StudentComponent from '../components/StudentComponent.vue'

const students = ref([])
const loading = ref(true)
const error = ref(null)

onMounted(async () => {
  try {
    const response = await fetch('https://jsonplaceholder.typicode.com/users')
    if (!response.ok) throw new Error('API request failed')
    students.value = await response.json()
  } catch (err) {
    error.value = err.message
  } finally {

```

```
    loading.value = false
  }
})
</script>
```

#### **Router: Index.js**

```
import { createRouter, createWebHistory } from 'vue-router'
import Home from '../pages/Home.vue'
import Students from '../pages/Students.vue'
```

```
const routes = [
  { path: '/', component: Home },
  { path: '/students', component: Students }
]
```

```
const router = createRouter({
  history: createWebHistory(),
  routes
})
```

```
export default router
```

#### **Assets: Main.css**

```
* {
  box-sizing: border-box;
  margin: 0;
  padding: 0;
}
```

```
body {
  font-family: Arial, Helvetica, sans-serif;
  background-color: #f4f6f8;
  color: #333;
}
```

```
a {
  text-decoration: none;
  color: inherit;
```

```
}
```

```
.container {  
    max-width: 900px;  
    margin: 2rem auto;  
    padding: 1rem;  
}
```