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Subject & Section: CTINASSL – COM231

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Lab Activity #1: Node Installation and Act 1

Screenshots of Overall WebApp React:

1. VS Code IDE with node version, npm version and folder structure:

The screenshot shows the VS Code interface with the following details:

- File Explorer:** Shows the project structure under "MyBlog-main".
- Code Editor:** Displays the content of `App.js`, which defines a `PrivateRoute` and an `App` component.
- Terminal:** Shows three terminal tabs:
 - Top tab: `flexycode` at `Desktop` with command `npm start`. Output: "You can now view myblog2 in the browser.", "Local: http://localhost:3001", and "On Your Network: http://192.168.50.104:3001". Note: "Note that the development build is not optimized. To create a production build, use `npm run build`".
 - Middle tab: `flexycode` at `Desktop` with command `node -v`. Output: `v22.14.0`.
 - Bottom tab: `flexycode` at `Desktop` with command `npm -v`. Output: `10.9.2`.
- Output:** Shows the results of the `node` and `npm` commands.
- File List:** Shows the contents of the `myblog2` directory, including `backend`, `node_modules`, `public`, and `src` folders.

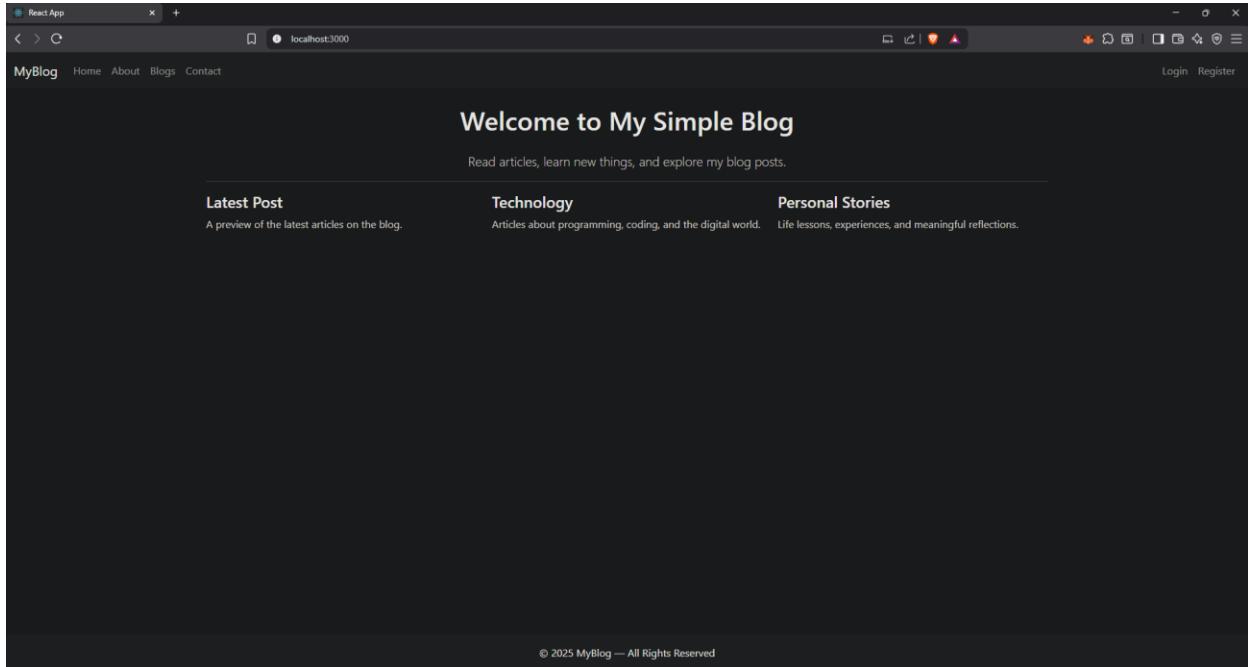
```

myBlog2 > src > App.js
1 import React, { useState, useEffect } from 'react';
2 import { Router, Routes, Route, Navigate, useNavigate } from 'react-router-dom';
3 import HomePage from './components/homePage.js';
4 import About from './components/about';
5 import Services from './components/services';
6 import Contact from './components/contact';
7 import Login from './components/login';
8 import Register from './components/register';
9 import Dashboard from './components/dashboard';
10 import Footer from './components/footer';
11 // SESSION FUNCTIONS
12 function getSessionUser() {
13   return sessionStorage.getItem("user");
14 }
15 function clearSessionUser() {
16   sessionStorage.removeItem("user");
17 }
18 // LOGOUT COMPONENT
19 function Logout({ onLogout }) {
20   useEffect(() => {
21     clearSessionUser();
22     if (onLogout) onLogout();
23     navigate('/login');
24   }, [navigate, onLogout]);
25   return null;
26 }
27 // PROTECTED ROUTE WRAPPER
28 function PrivateRoute({ children }) {
29   const user = getSessionUser();
30   if (!user) {
31     return null;
32   }
33   return children;
34 }

```

Flexcode @ Desktop @ myBlog2 | Refactor | npm start
You can now view myBlog in the browser.
Local: http://localhost:3000
On Your Network: http://192.168.50.104:3000
Note that the development build is not optimized.
To create a production build, use `npm run build`.
webpack compiled successfully

2. React App in local host: <http://localhost:3000>



React App

localhost:3000/login

MyBlog Home About Blogs Contact Login Register

User Login

Email

Enter your email

Password

Enter your password

Log In

Don't have an account? [Register here](#)

React App

localhost:3000/register

MyBlog Home About Blogs Contact Login Register

Register Account

Username

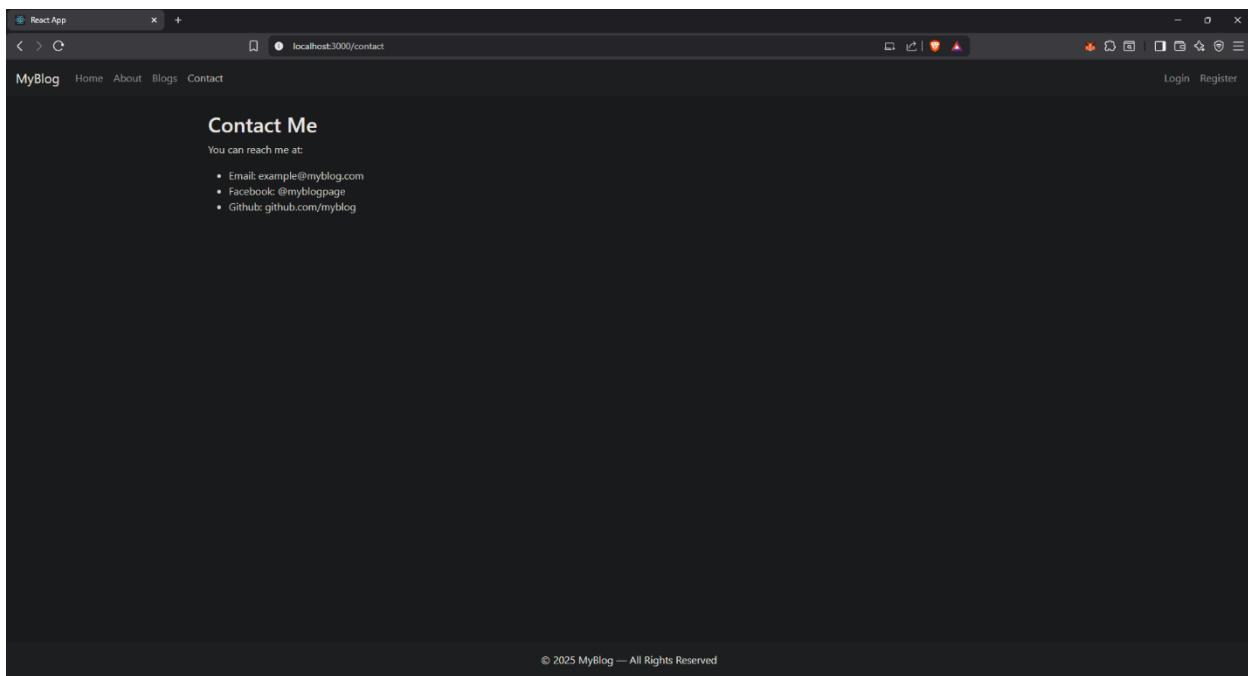
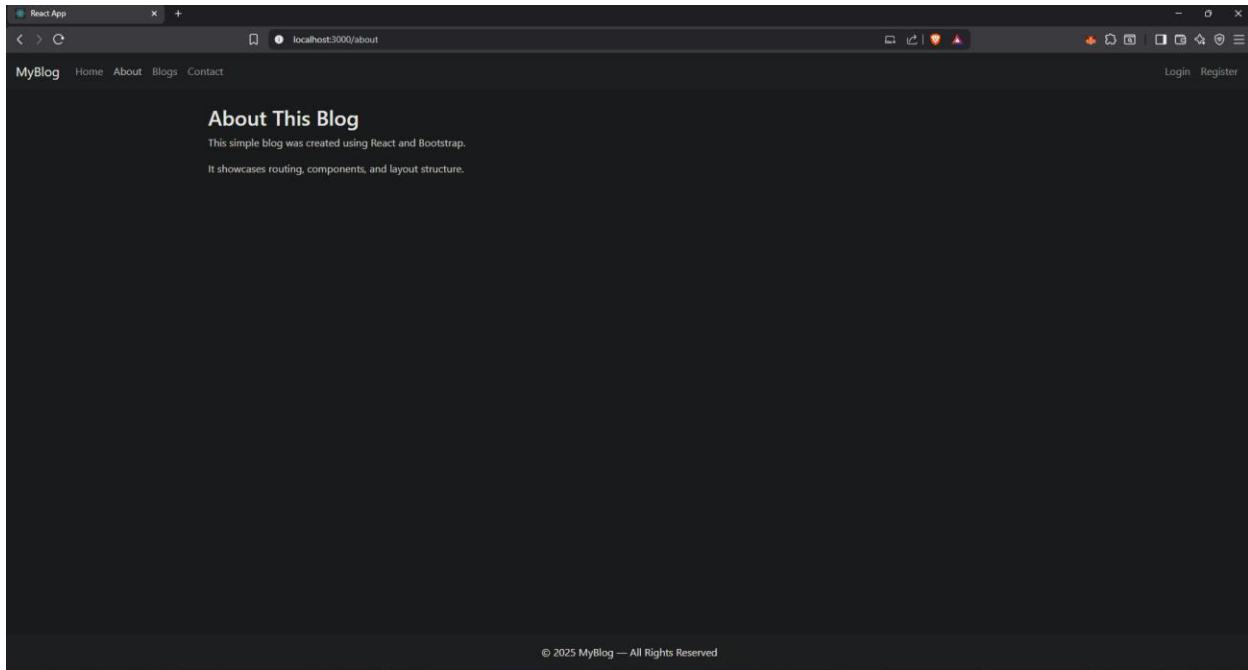
Your username

Email

user@example.com

Password

Register



3. GitHub link for the repository setup and documentation:

<https://github.com/xandercastillo0305-dev/MyBLog/tree/main/myblog2>