React JS Project Setup Instructions – FinalYearProjectsHub

# Introduction

This guide explains how to set up and run any React JS project downloaded from FinalYearProjectsHub. It is common for all frontend projects using React JS, including single-page applications (SPA), admin dashboards, and interactive web apps.  
Note: All projects are provided for educational purposes only. Commercial use or resale is strictly prohibited.

# Step 1: Prerequisites

- Node.js (version 14 or above) and npm installed  
- Code Editor (VS Code, WebStorm, Sublime Text)  
- Web Browser (Chrome, Firefox, Edge, Safari)  
- Basic knowledge of JavaScript, HTML, and CSS  
- Optional: Live Server Extension for VS Code (to preview changes in real-time)

# Step 2: Download and Extract Project

1. Download the project ZIP file from FinalYearProjectsHub.  
2. Extract it to a preferred folder on your system (e.g., C:\ReactJS\_Projects\YourProjectName).  
3. Open the project folder in your code editor.

# Step 3: Install Project Dependencies

Open terminal/command prompt in the project folder and run:  
npm install

# Step 4: Run the React Project

Start the development server with:  
npm start  
This will launch the project in your default browser at http://localhost:3000/

# Step 5: Project Structure

- src/: Contains all React components, pages, and app logic  
- public/: Contains index.html and static assets  
- package.json: Contains project metadata and dependencies  
- node\_modules/: Installed packages and libraries  
  
Ensure all dependencies are installed correctly to avoid errors.

# Step 6: Optional Deployment

- GitHub Pages – For static React apps  
- Netlify – For easy React app deployment  
- Vercel – Free deployment for React applications  
- Other hosting providers like Firebase Hosting or AWS Amplify

# Additional Tips

- Always check the console for errors and warnings (F12 → Developer Tools)  
- Keep your project structure organized for components, assets, and styles  
- Use React Developer Tools browser extension for debugging  
- Update dependencies regularly to avoid compatibility issues

# Footer Note

All React JS projects on FinalYearProjectsHub are intended for learning and academic purposes only.  
Students are encouraged to study, practice, and customize the projects, not for commercial resale.