

## Project Progress Report (Day 2 – Day 7)

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### **Day 2 – Project Setup & Planning**

- Finalized project idea and requirements.
  - Set up development environment (VS Code, Node.js, GitHub repository).
  - Installed necessary dependencies (React, Tailwind CSS, or other libraries as required).
  - Defined project structure and folder organization.
  - Created wireframes and initial design mockups.
  - Assigned roles/tasks (if working in a team).
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### **Day 3 – Build Components**

- Started building reusable UI components (e.g., Navbar, Footer, Cards, Buttons).
  - Implemented project layout using React component structure.
  - Ensured modularity and clean code for reusability.
  - Pushed progress updates to GitHub repository.
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### **Day 4 – Add Styling & Responsiveness**

- Integrated **Tailwind CSS / CSS Modules** for styling.
  - Ensured responsive design using Flexbox/Grid and media queries.
  - Applied consistent theme (colors, typography, spacing).
  - Tested across multiple screen sizes (desktop, tablet, mobile).
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### **Day 5 – Add JavaScript / React Functionality**

- Implemented interactivity using **React states and props**.
- Added dynamic rendering of data.
- Integrated any required APIs (if applicable).


- Implemented event handling (buttons, forms, etc.).
  - Ensured smooth component communication and functionality.
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#### **Day 6 – Test & Debug**

- Conducted functional testing for all components.
  - Debugged layout issues and JavaScript errors.
  - Fixed bugs related to responsiveness and interactivity.
  - Optimized performance (cleaned unused code, reduced re-renders).
  - Validated forms and ensured proper error handling.
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#### **Day 7 – Deployment & Showcase**

- Deployed project using **Netlify / Vercel / GitHub Pages**.
  - Verified deployment functionality and responsiveness.
  - Updated project README on GitHub with:
    - Project description
    - Setup instructions
    - Screenshots/demo link
  - Shared project on GitHub/portfolio for showcasing.
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 **Outcome:** By Day 7, the project was fully built, styled, responsive, tested, debugged, and successfully deployed online.