Member 2 — Styling & Responsive CSS

Objective: Convert the HTML structure into a visually appealing and responsive interface.

Role and Importance: Member 2 ensures the app is **user-friendly, intuitive, and visually engaging**. Styling affects usability and perception, making this role essential for end-user satisfaction.

Detailed Responsibilities: - Style search bar, weather info sections, icons, loading, and error messages. - Differentiate weather conditions visually (backgrounds, icons). - Ensure responsiveness across mobile, tablet, and desktop. - Apply consistent typography, spacing, and color schemes. - Provide dynamic styling hooks for other members to utilize.

Weekly Objectives & Milestones: - **Week 1:** Style search bar and basic layout using placeholders. - **Week 2:** Implement weather card styling and dynamic backgrounds. - **Week 3:** Finalize responsiveness and accessibility adjustments.

Goal: Deliver a **fully styled, responsive interface** that is professional, accessible, and ready for dynamic updates.

Parallel Work & Dependency Management

Principles: - Define **module ownership** and **clear interfaces** for each member. - Use **skeleton HTML, placeholders, and mock data** to allow parallel work. - Maintain **weekly objectives** to track progress. - Integrate modules periodically to avoid conflicts. - Communicate daily to confirm status and resolve issues.

Result: Each member works independently, minimizes idle time, and contributes to incremental progress, ensuring smooth final integration.

Summary Table of Member Contributions

Member	Role Focus	Key Objective	Importance
1	Structure	Build HTML foundation	Allows styling and interactivity to work effectively
2	Visual Design	Style & make responsive	Ensures user-friendly, professional interface
3	Data	Fetch & provide weather data	Enables dynamic, real-time content
4	UI Updates	Display data dynamically	Translates raw data into visible, understandable info
5	Interaction	Connect input → data → UI	Makes app interactive and functional

This document can be split into five individual sections, each detailed enough to serve as a standalone guide for one member, including objectives, responsibilities, weekly goals, and integration strategies.