**Phase 2: Requirement Gathering and Analysis**

**Project Title:** *Flavour Finds – A Recipe Sharing Platform*  
**Team Size:** 3 Members  
**Technologies Used:** HTML, CSS  
**Phase Objective:** Identify, gather, and analyze both functional and non-functional requirements necessary for building the website.

**How Requirements Were Collected:**

* Conducted **team meetings** to brainstorm and discuss possible features.
* Studied **existing recipe websites** (e.g., AllRecipes, Tasty, Food Network) to understand common design patterns and features.
* Considered feedback from peers and potential users (informal surveys).
* Kept feasibility in mind since the platform was limited to front-end technologies.

**Functional Requirements (What the Website Should Do):**

These are the core features the website needed to support:

1. **Homepage**
   * Displays a banner or hero section.
   * Shows featured or popular recipes in a grid layout.
   * Includes navigation links to different sections/categories.
2. **Recipe Categories**
   * Static navigation or category sections like Breakfast, Lunch, Dinner, Snacks, Desserts.
   * Clicking a category shows a list of relevant recipes.
3. **Recipe Detail Pages**
   * Each recipe opens a new page with:
     + Title of the recipe
     + Image
     + List of ingredients
     + Step-by-step preparation method
4. **Navigation Bar**
   * Sticky or top-positioned navigation bar with links to all major sections.
5. **Basic Search UI (Non-functional)**
   * A visual search bar to mimic search functionality (front-end only, no actual filtering).
6. **Footer Section**
   * Includes links, credits, and contact information.

**Non-Functional Requirements (How the Website Should Behave):**

1. **Responsiveness**
   * The website should adjust its layout smoothly across different screen sizes (mobile, tablet, desktop).
2. **User-Friendly Interface**
   * Clean layout, readable fonts, intuitive navigation.
3. **Performance**
   * Fast loading speed with optimized code and image sizes.
4. **Aesthetic Appeal**
   * Visually pleasing color palette and consistent styling.
5. **Maintainability**
   * Clean, commented code structure for easy updates and team collaboration.

**Analysis & Feasibility:**

* All the listed features were **analyzed for feasibility** within a front-end only setup.
* We chose to **simulate certain functionalities** like search and filters visually without any backend support.
* Features requiring real-time updates or user login were **intentionally excluded** to stay within scope.
* We identified which tasks would be **shared or assigned** and ensured each team member understood how their work connected with others'.

**Outcome of Requirement Phase:**

* A complete **requirements document** was prepared and agreed upon.
* Ensured all design and development decisions aligned with the gathered requirements.
* Established a **solid foundation** for the next phase (Design).