**Phase 5: Testing**

**Project Title:** *Flavour Finds – A Recipe Sharing Platform*  
**Team Size:** 3 Members  
**Technologies Used:** HTML, CSS  
**Phase Objective:** To ensure that the website works as expected across different devices, browsers, and screen sizes while delivering a consistent and bug-free user experience.

**Purpose of Testing:**

Since the project was front-end only, the focus of testing was on:

* **Layout and design consistency**
* **Responsiveness across devices**
* **Cross-browser compatibility**
* **Functional flow of navigation**
* **UI element behavior (e.g., hover effects)**

**Testing Types Performed:**

**1. Manual Functional Testing:**

* Verified that all **navigation links** were working correctly.
* Checked if each **recipe card** led to the appropriate detail page.
* Ensured **category buttons** routed to the right sections.
* Tested image loading and formatting on all pages.

**2. Responsive Testing:**

* Used **Chrome DevTools** to simulate screen sizes (mobile, tablet, desktop).
* Tested on real devices (phones and tablets) to verify responsiveness.
* Checked that:
  + Grids reflowed properly on smaller screens.
  + Text remained readable.
  + Images resized proportionally.
  + The navigation bar collapsed or stacked neatly when needed.

**3. Cross-Browser Testing:**

* Opened and tested the website on multiple browsers including:
  + Google Chrome
  + Mozilla Firefox
  + Microsoft Edge
  + Safari (on mobile)
* Looked for inconsistencies in layout, padding, and CSS behavior.

**4. Accessibility & Code Validation:**

* Ensured all **images had alt attributes**.
* Verified heading tags followed a logical hierarchy (H1 → H2 → H3).
* Validated the HTML using [W3C Validator](https://validator.w3.org/) — fixed any stray tags or structure errors.
* Used keyboard navigation to check focusability of clickable elements.

**Issues Found & Resolved:**

| **Issue** | **Solution** |
| --- | --- |
| Recipe cards misaligned on smaller screens | Applied flex-wrap and adjusted padding |
| Navigation bar overlapping content on mobile | Added media queries to stack elements |
| Inconsistent hover colors | Unified the hover color styles in CSS |
| One recipe image not loading | Replaced broken link with a working image path |
| Footer text clipping on small screens | Adjusted font size and padding via media queries |

**Peer Review:**

* Team members reviewed each other's sections to catch missed issues.
* Shared the site link with friends/classmates for user feedback.
* Minor tweaks were made based on feedback (e.g., color contrast, spacing between sections).

**Outcome of Testing Phase:**

* Website was fully responsive and visually consistent across all tested devices and browsers.
* All identified bugs were resolved.
* The final version of the project was considered stable and ready for **Deployment**.