

Framework	Project Title	Short Description	Core Learning Goals	Stretch Goal	Real-world Tie	Tech Stack	Evaluation Metrics	Expected Output	4-Week Milestones	Suggested Libraries/Tools
HTML/CSS/JS	Kanban Sticky Notes Board (Drag & Drop)	Allow users to create, edit, and delete sticky notes saved in localStorage. Now: use ES6 modules, accessibility (ARIA/keyboard), responsive Grid/Flex, debounced search, pagination/sorting, client-side caching, and IndexedDB/localStorage with undo.	Vanilla JS architecture (modules/pub-sub); responsive layouts; accessibility; client-side storage & caching; Fetch API & JSON parsing; performance & Lighthouse checks	Service Worker for offline; hash-based routing; export/import JSON; simple i18n; basic e2e test plan	Framework-free product UIs with performance, a11y, and maintainability.	HTML, CSS, JavaScript	Architecture & modularity; Feature completeness; Edge-case handling; Tests & evidence; Performance/a11y; Documentation & demo; Code readability & Git hygiene	Working app/script + README + tests evidence + demo video/screenshots; optional PR	W1: Requirements & architecture   W2: Core features + persistence   W3: Offline/caching + tests   W4: Hardening + docs + demo	VS Code; Chrome DevTools; Lighthouse; HTML/CSS/JS (no frameworks); IndexedDB; Fetch; Canvas; Git