| **Sr. No** | **Project** | **Level** | **Concepts Covered** | **Description** |
| --- | --- | --- | --- | --- |
| 1 | Color Flipper | 🟢 | DOM, events, Math.random() | Change background color with each button click. |
| 2 | Counter App | 🟢 | Variables, functions, events | Increment/decrement/reset a number on screen. |
| 3 | Reviews Carousel | 🟢 | Arrays, objects, DOM, events | Cycle through user testimonials. |
| 4 | Navbar Toggle | 🟢 | DOM, classList.toggle() | Show/hide nav links on mobile. |
| 5 | Sidebar Menu | 🟢 | DOM, toggle logic | Slide sidebar in/out with animation. |
| 6 | Modal Popup | 🟢 | Overlay, event listeners | Show/hide a modal dialog box. |
| 7 | FAQ Toggle | 🟢 | DOM traversal, toggle | Accordion-style question/answer section. |
| 8 | Menu Filter | 🟡 | filter(), data attributes | Filter food menu items by category. |
| 9 | Video Player Controls | 🟢 | HTML5 Video API | Custom play/pause button for video. |
| 10 | Countdown Timer | 🟡 | Date, setInterval() | Timer that counts down to a future date. |
| 11 | Lorem Ipsum Generator | 🟢 | Array manipulation, forms | Generate random dummy text. |
| 12 | To-Do List (localStorage) | 🟡 | Arrays, DOM, localStorage | Add, complete, and store tasks persistently. |
| 13 | Tip Calculator | 🟢 | Forms, math ops, user input | Calculate tip and total based on bill. |
| 14 | Dice Roller | 🟢 | Random numbers, DOM | Simulate rolling dice with random images/numbers. |
| 15 | Guess the Number | 🟡 | Conditionals, loops, game logic | Guess a random number with feedback messages. |
| 16 | Digital Clock | 🟢 | Date, setInterval() | Live updating digital time display. |
| 17 | Dark/Light Theme Toggle | 🟢 | DOM, classList, localStorage | Toggle theme with persistence. |
| 18 | Product Card Generator | 🟡 | Arrays, map(), rendering UI | Show products from an array dynamically. |
| 19 | Password Strength Checker | 🟡 | Regex, conditionals, events | Check and display password strength in real time. |
| 20 | Pomodoro Timer | 🔴 | Timers, state mgmt, UI updates | 25-minute work/break cycles with start/pause. |
| 21 | Notes App | 🔴 | localStorage, CRUD, UI | Save and edit multiple notes with persistence. |
| 22 | Event Countdown App | 🔴 | Date manipulation, setInterval() | Set multiple future events with live timers. |
| 23 | Music Player | 🔴 | Audio API, playlist, events | Custom audio player with next/prev/volume. |
| 24 | Shopping Cart (No backend) | 🔴 | Arrays, buttons, total calculation | Add/remove items, calculate totals. |
| 25 | Quiz App | 🔴 | Questions array, conditional logic, score | Take a quiz, calculate score, and show results. |
| 26 | Weather App (with API) | 🔴 | Fetch API, async/await, DOM | Search a city and show live weather (OpenWeatherMap). |
| 27 | Country Explorer | 🔴 | Fetch, API, filter/sort, dropdown | Browse countries, show flags/info using REST API. |