**Testing Summary: QA Intern Assessment Task**

**Overview**

The goal of this assessment was to perform **manual quality assurance (QA) testing** on the **TodoMVC** website, which provides various To-Do list applications implemented in different JavaScript frameworks. The testing covered functional, usability, compatibility, and edge case testing.

The tests focused on validating the core functionalities of the To-Do List app, including **adding tasks**, **editing tasks**, **deleting tasks**, **marking tasks as complete**, and **task persistence** after page reloads.

**Test Execution**

I executed **10 test cases** that included both standard functionalities and edge cases. These test cases were designed to evaluate:

* **Functional Testing**: Validating that all key features (add, edit, delete, and mark tasks) worked as expected.
* **Usability Testing**: Assessing the ease of use of the interface, including task creation and interaction with task status (complete/incomplete).
* **Compatibility Testing**: Ensuring the app works correctly on different browsers and screen sizes (desktop and mobile).
* **Edge Case Testing**: Verifying the app's behavior when adding tasks with special characters, and checking if tasks persist after a page reload.

**Findings**

During the testing process, the following **defects and issues** were identified:

1. **Bug 1: Unable to Add Task** – In some instances, clicking the “Add Task” button didn’t add tasks to the list. This issue was observed in **Google Chrome 119.0** on **Windows 10** and was marked as **high severity**.
2. **Bug 2: Task Persistence Issue** – Tasks added to the list did not persist after refreshing the page. This defect was identified in **Firefox 119.0** on **macOS 10.15**, marked as **medium severity**.
3. **Bug 3: UI Layout Issue on Mobile** – The website’s interface was not responsive on mobile devices, leading to **UI elements overlapping**. This was observed when testing on a mobile browser, where elements like the task list and buttons were not adjusting properly for smaller screen sizes.

**Challenges Faced**

* **Task Persistence**: The issue of tasks not persisting after a page reload was unexpected, as the app should ideally save the task list in the browser’s local storage or session storage.
* **Mobile Responsiveness**: The mobile view was not fully optimized, causing layout problems on certain screen sizes. This was particularly challenging when evaluating the app’s usability across multiple devices.
* **Inconsistent Behavior on Different Browsers**: Some defects (like the add task issue) were browser-specific, requiring repeated testing on different platforms to confirm.

**Conclusion**

In conclusion, the **TodoMVC** website is generally functional, but several issues were identified, particularly around task persistence and mobile responsiveness. These issues would need to be addressed to ensure the app provides a consistent and user-friendly experience across devices and browsers.

The testing process also highlighted the importance of **cross-browser testing** and ensuring **UI compatibility** on both mobile and desktop devices. Despite the issues, the app successfully supported most of the key features, such as adding, editing, and marking tasks as completed.