### Team: Selenium Sentinels

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# Testing Website: Training Support

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AI-generated content may be incorrect.

A screenshot of a web elements

AI-generated content may be incorrect.

A screenshot of a computer

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## Problem Statement:

The Training Support website (https://training-support.net/) is a dynamic demo platform designed to help users practice web automation using Selenium WebDriver. However, ensuring consistent functionality and usability across its interactive components—such as alerts, forms, tables, drag-and-drop features, and dynamic web elements—poses a challenge without a structured automation framework.

Manual testing of these frequently changing and varied UI elements is time-consuming, error-prone, and inefficient for repeatable quality assurance cycles.

To address this, **we aimed to design and implement a comprehensive Selenium + TestNG test automation suite using Page Object Model** that verifies end-to-end functionality, maintains test reliability, and integrates seamlessly with agile development workflows (Jira + GitHub), thereby supporting continuous testing and faster feedback cycles.

## Overview

The Training Support site ( <https://training-support.net/> ) is a hands‑on demo platform featuring various web elements—alerts, forms, tables, drag‑and‑drop, dynamic attributes, and more—designed specifically for testing and practicing browser automation with Selenium WebDriver. It’s tailored for learners experimenting with element targeting and interactions.

We used Selenium with TestNG to automate key functionalities across different features and flows.

## Deliverables

1. Individual test case templates documenting each scenario with expected and actual results.
2. 21 test case selenium files, 1 TestNG.xml file covering the workflow of Training Support Website. (A working demonstration of automated test case execution, showing the interaction with the site across all test scenarios.)

## Project Highlights

**Frameworks Used:**

* Selenium
* TestNG

**Kanban Approach**

* Website testing is broken down into 21 individual tests cases pages
* Regular tracking and sprints planning done via Jira
* Code collaboration managed via GitHub
* Continuous Testing with Selenium

**Test Coverage**

* Homepage
* Cookies
* Tables
* Sliders
* Pagination
* Drag & Drop
* Mouse Events
* Keyboard events
* Tabs
* Target Practice
* Selects
* To-do list
* Login form
* Simple form
* Popups
* Alerts
* Dynamic Controls
* File Upload
* Simple Payment
* Job Application
* Catering Service

**Workflow Diagram**

