

## Assignment 3 – The Article

**Title:** Selenium-Jupiter: Enhancing Automated Testing in Java

**Introduction:** This paper delves into "Selenium-Jupiter," an extension of JUnit 5 for Selenium WebDriver, addressing the integration challenges in automated testing in Java.

**Background:** Selenium WebDriver is pivotal in web application testing, and JUnit 5 is a popular framework in Java. This paper explores their integration.

**Problem Statement:** The authors aim to simplify the configuration and management of WebDriver instances in Java testing environments.

**Methodology:** The approach involves the development of a JUnit 5 extension, enabling easier instantiation and management of WebDriver.

**Results:** The extension demonstrates efficiency in managing browser instances, contributing significantly to streamlined testing processes.

**Validity:** The paper validates the results through practical implementation scenarios, though it acknowledges certain limitations in scope.

**Future Work:** It suggests further exploration in enhancing integration with other testing frameworks and broader application contexts.

**Personal Evaluation:** The paper effectively addresses a common challenge in Java testing. Its practical applicability is commendable, though exploration of its integration with other technologies would be beneficial.

- Why? What problem are the author(s) trying to solve?

They attempt to evaluate the performance of WebRTC-based video conferencing systems using Selenium-Jupiter, verifying its capability to construct and maintain infrastructure for complex tests.

- How? What method has been used to answer the question?
- What is the result from the method?
- What is the validity of the result according to the author?

- Does the research solve the problem/answer the question?
- What are to be done next? future work? and why?
- And lastly something from you. What do you think and why? If you make claims support those with evidence or logic.