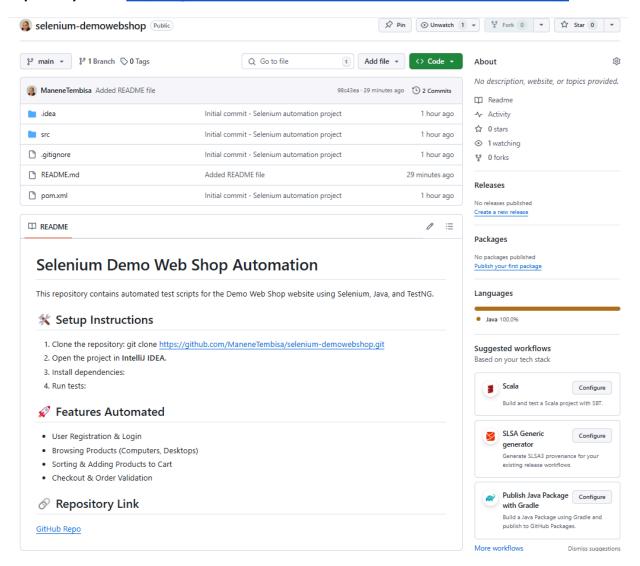
Flash Assignment Quality Assurance

Task 4 - Web Automation (Selenium)

Repository Link - https://github.com/ManeneTembisa/selenium-demowebshop



Bonus Task: Bug Report & Negative Testing for Demo Web Shop

Bugs Found on the Website - https://demowebshop.tricentis.com/

Bug ID	Bug Description	Severity	Status	Steps to Reproduce	Expected Behavior	Actual Behavior
BUG-001	Registration allows duplicate emails	High	Open	Go to Register page Enter an already registered email Submit the form	Should show an error saying "Email already exists"	No error shown, allows duplicate registration
BUG-002	Cart does not update correctly after item removal	High	Open	Add multiple items to cart Remove an item Check total price	Total price should update correctly	Total price remains the same or updates incorrectly
BUG-003	Sorting products does not work properly	Medium	Open	Navigate to Desktops category Try sorting products by price	Products should be sorted correctly	Sorting does not change product order properly
BUG-004	Checkout allows proceeding without agreeing to terms	High	Open	Add items to cart Proceed to checkout without selecting "I agree to terms" checkbox	Should prevent checkout until checkbox is selected	Allows proceeding without agreement
BUG-005	Invalid ZIP Code accepted in shipping	Medium	Open	Select Canada as country Enter invalid ZIP (e.g., 0000)	Should show error for invalid ZIP code	Allows invalid ZIP
BUG-006	Login allows blank email submission	High	Open	Go to Login page Submit the form without entering an email	Should show an error message	No validation message displayed

Negative Testing Scenarios

Test Case	Steps to Execute	Expected Result	Actual Result	Pass/Fail
Invalid Email Format	Enter test@com in the email field and try registering	Should display "Invalid email format" error	Allows registration without validation	X Fail
Exceeding Character Limit in Fields	Enter 300+ characters in name fields and submit	Should prevent submission with an error	Accepts long inputs	X Fail
Cart Update with Negative Quantity	Change item quantity in the cart to -1 and update	Should prevent negative quantities	Allows updating cart with -1 quantity	X Fail
Checkout with Expired Card	Use a past expiry date for the payment	Should reject the transaction	Allows processing the expired card	X Fail
SQL Injection Attempt	Enter ' OR 1=1 in the login email field	Should sanitize input and reject it	No proper validation	X Fail