

Automating “BuyMe” website:

System description

A site that offers an immediate and innovative service for purchasing and sending gift voucher by email or text message.

Using the site connects a huge variety of brands and stores from different fields and saves a lot of valuable time.

The “BuyMe” system is directly connected to hundreds of stores and dozens of chains throughout the country.

Everywhere and anytime you can browse the site, choose a store, load an online voucher (Gift Card) and send to someone dear.

Project goal:

“BuyMe” website sanity test.

Solution architecture:

General:

Development platform: Automation will be developed in Java.

IDE: IntelliJ idea.

Third-Party usage: Selenium web-driver, TestNG, ExtentReports, Maven.

Distribution type: Public.

Website address: <https://buyme.co.il/>

General guidelines:

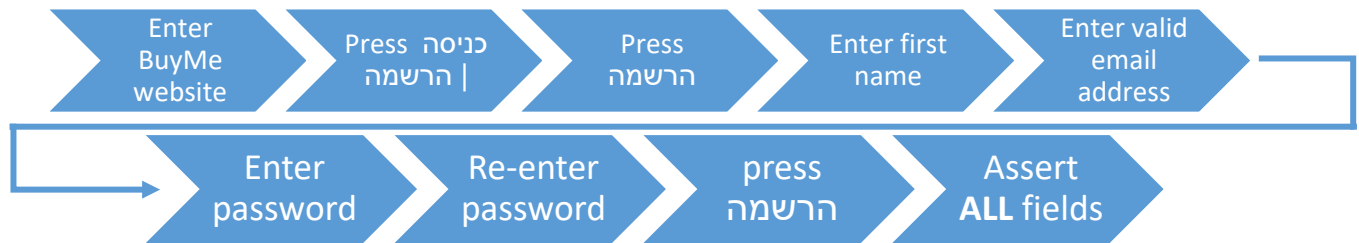
1. The test will run using TestNG framework.
2. Project will be Maven based.
3. Use the correct way to wait for elements.
4. Choose “safe” locators as much as possible.
5. Project has to be uploaded to Github
6. Each method will have documentation.
7. Place all extras inside **Exrta** class.
8. Divide classes into packages for logically division.

Technical guidelines:

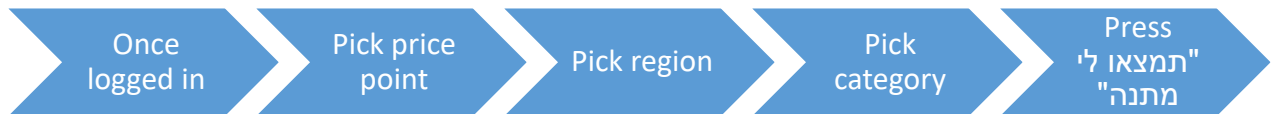
1. Create a Singleton for instantiating and getting Webdriver instance.
2. Use variables & constants when possible.
3. All methods and variables need to have valuable names.
4. All tests steps will be documented inside an extent report file.
5. Add a screenshot for every element not found exception.
6. Website URL and browser type will be dynamic and stored inside an external XML file – which will be sent along with the project.
7. The test will run on the browser type stored in the XML file.
8. Project has to work with POM (page object model).
9. Use inheritance to not repeat common functionality.
10. Only one class will have TestNG annotations to control the flow.

Steps:

A. Intro & Registration screen



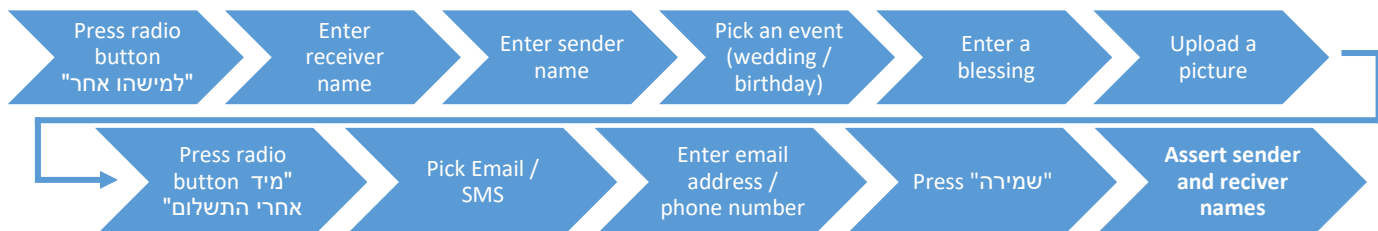
B. Home Screen

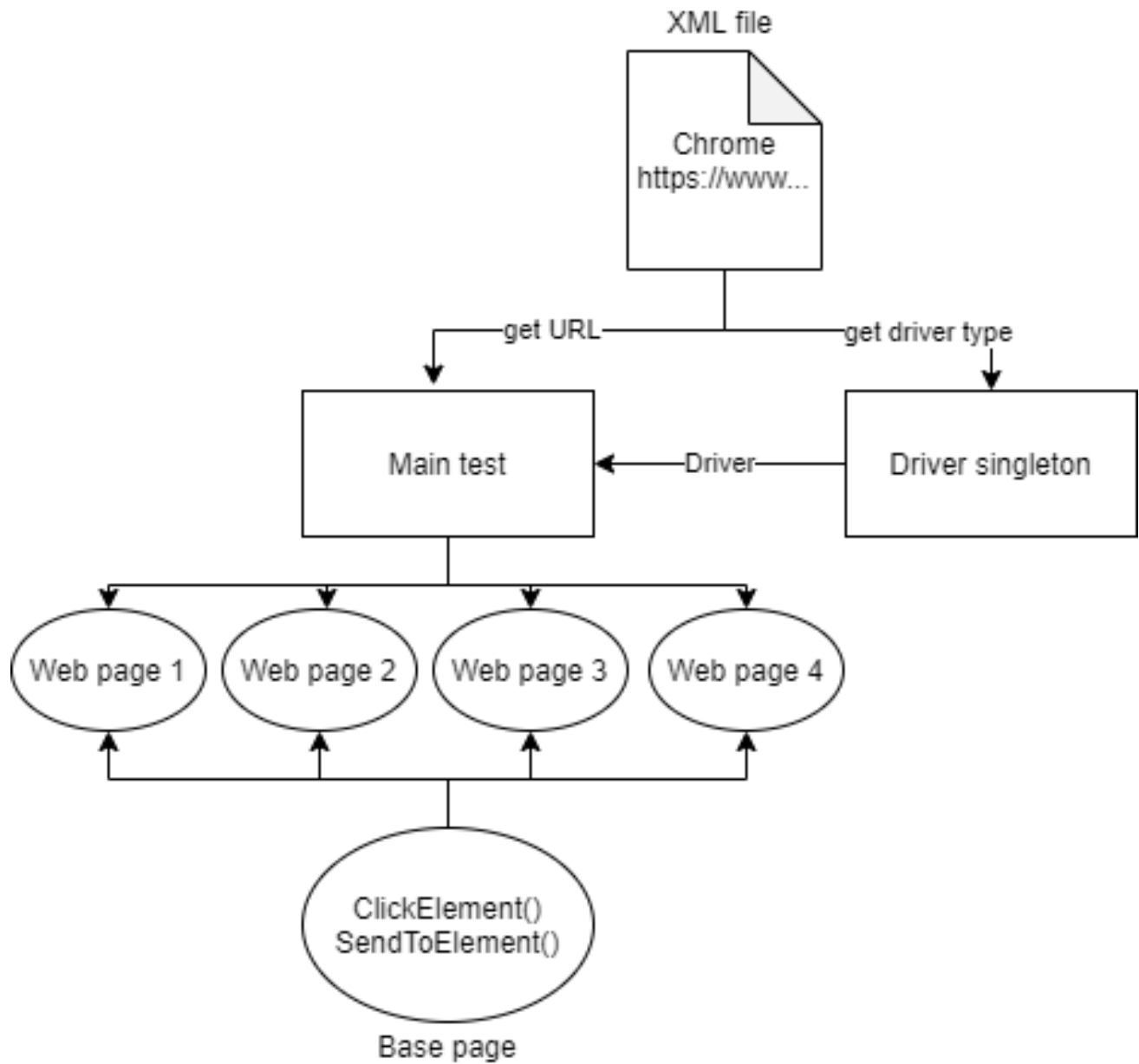


C. Pick business



D. Sender & Receiver information screen





Extras:

General-

- Read about Javadoc:
 - <https://docs.oracle.com/javase/8/docs/technotes/tools/windows/javadoc.html>
 - Add Javadoc to your project.
- Run your tests in parallel on 2 browsers (with 1 driver only)

Loading screen-

- Print the size (height & width) of one of the loading dots:



Home screen-

1. Press on "כניסה" button.
2. Don't enter credentials
3. Press on "כניסה ל- BUYME" button.
4. Assert error messages (red text)

מייל

כל המתנות מחכות לך! אבל קודם צריך מייל וסיסמה

סיסמה

כל המתנות מחכות לך! אבל קודם צריך מייל וסיסמה

כניסה ל-BUYME

Choose gift screen

- Scroll to the bottom of the screen, take a screenshot and add it to the report.

Sender & Receiver information screen

- Print the text color of the step name (למי לשלוח)

למי לשלוח 2