

PHP Travels Framework

- This framework is built from scratch mixing of three Design Patterns Behavior Driven Development, Data-Driven and Page Object Module to gain the modularity needed especially with BDD which helps in using lots of methods without having to rewrite the code, and uses plain English so that all team members specially scrums could understand exactly the automation scripts without having the understand the implementation.
- I've Used TestNG for Assertion purposes and its annotations in the Base File which helps a lot the validate the stories easily and fast.
- Integrating BDD with Allure reporting
- Used Java and the principles of OOP
- Used Properties file ,JSON file, Excel and examples in Scenarios are used for Data Driven.
- Multi-Browsing implemented code that can work on any browser.
- Used UIActions where all selenium actions can be found there so that the framework doesn't depend in the future on selenium and be open for updates and change.
- To generate allure reports use command ("allure serve allure-results") in terminal.
- To run the script on different browsers, change the browser's name from the properties file.

Next Tasks

- **Developing Code to work on multiple platforms(Linux/MacOS).**
- **Making all URLs , XPaths, CSS selectors taken from excel sheet (Data Driven).**
- **Investigate why screenshot isn't being displayed.**