**Selenium:**

Selenium is an automated portable software-testing framework for web applications. Selenium provides a record/playback tool for authoring tests without the need to learn a test scripting language. It supports different languages like Java, python, C#, Groovy, Perl, PHP, Ruby and S cala.

It is an open-source software which can be having support for various platforms such as Windows, Linux and MacOS. Different Selenium tools:

1. Selenium IDE
2. Selenium RC
3. Selenium Webdriver
4. Selenium Grid

We worked with Selenium Webdriver. Using Selenium Webdriver we automated different web sites including Gmail, Facebook, Reallives (gaming platform of Neeti Solutions) etc.

Bitbucket repository link of testing of Reallives :

<https://Neeti2017Intern@bitbucket.org/Neeti2017Intern/reallivesseleniumtest.git>

Selenium contains various commands for the manipulation of test cases. Some of them are as follows:

Get commands:

* get(to open a page in Web Browser)
* get title(to get the Title of current page)
* get current URL(to get the URL of current page)
* page source(returns the page source of the current page)
* handle(returns window handle of current window)

Navigation commands:

* Navigate To(navigate to some specific page)
* Navigate Refresh(refresh the current page)
* Navigate back(navigate to previously visited page)
* Navigate forward(navigate to next page)

Browsers commands

* Close(close the current tab)
* Quit(close the whole browser)

Number of Pop-Ups in game:

|  |  |
| --- | --- |
| Tag name | No of divisions |
| app-fate-get-rich-quick | 2 |
| app-fate-pet | 5 |
| app-fate-abuse | 3 |
| app-fate-work-corruption | 1 |
| app-fate-charity | 2 |
| app-fate-welfare | 1 |
| app-fate-family-interaction | 3 |
| app-fate-good-deeds | 7 |
| app-fate-politics | 2 |
| app-fate-lying | 4 |
| app-fate-schooling | 6 |
| app-fate-participation-in-crime | 10 |
| app-fate-conscription | 3 |
| app-fate-love | 6 |
| app-fate-vices | 8 |
| app-fate-children | 1 |
| app-fate-marriages | 7 |
| app-fate-business | 1 |
| app-fate-job | 3 |
|  | Total=75 |