**Automation Plan**

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| --- | --- | --- | --- | --- |
| S No | Task | Start Date | End Date | Status |
| 1 | Create Maven Project and create folder structure / packages | July 22, 2018 | July 22, 2018 | DONE |
| 2 | Create classes / files in each package / folder | July 22, 2018 | July 22, 2018 | DONE |
|  | Package: CustomListeners |  |  |  |
|  | CustomeListeners | July 22, 2018 |  |  |
|  | RetryListeners | July 22, 2018 |  |  |
|  | Package: SetUp |  |  |  |
|  | TestSetUp | July 22, 2018 |  |  |
|  | Package: TestUtils |  |  |  |
|  | DataProvider | July 22, 2018 |  |  |
|  | DBConnection | July 22, 2018 |  |  |
|  | DriverFactory | July 22, 2018 |  |  |
|  | DriverManager | July 22, 2018 |  |  |
|  | ExcelReader | July 22, 2018 |  |  |
|  | ExtentManager | July 22, 2018 |  |  |
|  | TestLinkUtil | July 22, 2018 |  |  |
|  | TestUtils | July 22, 2018 |  |  |
|  | Folder: archivedReports |  |  |  |
|  | Folder: executables |  |  |  |
|  | Chromedriver | July 22, 2018 |  |  |
|  | Geckodriver | July 22, 2018 |  |  |
|  | IEDriverServer | July 22, 2018 |  |  |
|  | Folder: ExtentConfig |  |  |  |
|  | reportConfig.xml | July 22, 2018 |  |  |
|  | Folder: lib |  |  |  |
|  | Folder: PropertyFile |  |  |  |
|  | config.properties | July 22, 2018 |  |  |
|  | OR.properties | July 22, 2018 |  | PENDING |
|  | Folder: runner |  |  |  |
|  | testng.xml | July 22, 2018 |  |  |
|  | Folder: testData |  |  |  |
|  | Simple.xlsx | July 22, 2018 |  |  |
|  | Package: TestCases |  |  |  |
|  | Testcase files as and when required | July 22, 2018 |  | ONGOING |
|  | Package: PageObjects |  |  |  |
|  | PageObjects as and when required | July 22, 2018 |  | ONGOING |
|  | Package: PageActions |  |  |  |
|  | PageActions as and when required | July 22, 2018 |  | ONGOING |
|  | Package: Rough |  |  |  |
|  | Classes for experimental purpose | July 22, 2018 |  | ONGOING |
|  |  |  |  |  |
| 3 | Start experimental stuff in rough package |  |  |  |
| 4 | Start coding TestSetUp class |  |  | ONGOING |
| 5 | Prepare Page Object classes |  |  |  |
| 6 | Prepare Page Action classes |  |  |  |
| 7 | Prepare Test cases classes |  |  |  |
|  | CHECKPOINT 1: Check the code to validate if we are going in right direction and add appropriate comments. |  |  |  |
| 8 | Prepare ExcelReader class in TestUtils |  |  |  |
| 9 | Prepare DriverManager class in TestUtils |  |  |  |
| 10 | Prepare DriverFactory class in TestUtils |  |  |  |
| 11 | Introduce ThreadLocal concept in DriverManager |  |  |  |
| 12 | CHECKPOINT 2: Check the code to validate if we are going in right direction and add appropriate comments |  |  |  |
| 13 | Prepare ReportsConfig.xml in ExtentConfig folder |  |  |  |
| 14 | Prepare ExtentManager in TestUtils |  |  |  |
| 15 | Prepare TestNG.xml in runner folder |  |  |  |
| 16 | Update config.properties with data |  |  |  |
| 17 | Update TestSetUp with additional changes |  |  |  |
| 18 | Add Testdata excel file |  |  |  |
| 19 | Add required logic to read excel based on sheet AND all test cases in one sheet and add the logic in TestUtils file. |  |  |  |
| 20 | Update TestSetUp with additional changes |  |  |  |
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