**UI Automation:**

1. **Feature Files:**
2. *Location:* LendInvest\_Ebay\src\main\java\features
3. *Files:* Scenario1.feature and Scenario2.feature

Graphical user interface, text, application

Description automatically generated

1. **Page Objects and Reusable methods**
2. *Location:* LendInvest\_Ebay\src\main\java\pageObjects
3. *Files:* Ebay.java and ParentPage.java

Text

Description automatically generated

1. **Step Definitions**
2. *Location:* LendInvest\_Ebay\src\main\java\stepDefinitions
3. *Files:* Scenario1.java and Scenario2.java

Graphical user interface, text, application

Description automatically generated

1. **Runner file:**
2. *Location:* LendInvest\_Ebay\src\main\java\runner
3. *File:* Runner.java

Text

Description automatically generated

**Implementation Steps and Explanation**

1. Given gherkin scenarios are updated in the feature files
2. Ebay.java file in pageObject package is used for saving all the WebElements in the Ebay search page.
3. ParentPage.java file is used to save reusable methods. (This helps to avoid writing same script again and again)
4. The scenarios are mapped with feature file and execution steps are written in Scenario1.java and Scenario2.java for the respective scenarios.
5. Runner file is used for mapping feature file and step definitions and to execute the testcases. Cucumber framework is applied. This can be executed by right clicking the script and selecting RunAs -> ‘TestNG Test’
6. Cucumber report is generated as the test execution report.
7. Cucumber html report url can be fetched from the results as given below,

Diagram

Description automatically generated with medium confidence

**API Automation:**

1. Get API scenario is scripted in GetApi.java file
2. Post API scenario is scripted in PostApi.java file

Both can be executed by right clicking the script and selecting RunAs -> ‘TestNG Test’