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| **In our project, we used BDD Cucumber Frame Work**  **BDD is a Behavior Driven Development frame work.**  **Test Case Objective or Behavior is defined in a Feature File under**  **SRC/Test/Resources**  **A Feature File contains Scenario and Scenario Outline**  **A Scenario or Scenario Outline contains set of steps to achieve particular Test Objective**  **Every step can be developed by using any of the keywords as**  **Given, When, Then, And But keywords. We can call this language as**  **Gherkin language.**  **Like that Scenario or Scenario Outline steps are defined in Feature file.**  **->For each step of the keyword in Feature File, corresponding methods will**  **be implemented under StepDefinitions.java File**  **And**  **->To execute the Scenarios, we can use TestRunner.java class file, which contains**  **@Cucumber Options.** |
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| **Coming to Background key Section:**    **Coming to Scenario:** |
| **Coming to Scenario Outline:**    **So that we can able to create Test Data record in each different new session for different sets of input data defined in examples section** |
| **So that ,**  **we can able to create multiple records with in the same session of by using data tables concept** |

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| **There are different types hooks like**   * **Global Hooks will be executed prior and after for every scenario** * **Tagged Hooks will be executed prior and after for tagged scenario** * **Common Tagged Hooks will be executed prior and after for common multiple Scenarios** |
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**We also used page factory model design pattern as well.**

* For every web page or entity specific, we implemented page specific methods and
* corresponding page specific object repository created by using @FindBy annotation tag.
* so that all web elements are pre initialized, when PageFactory.initElements(driver, this) method is invoked.
* In the step definition java class file, we are importing the page class files and we called required methods against the keyword implementation of the step
* Like that we followed page factory model design pattern

**Coming to reporting part , we used extent reports plug in**

* Once after executing feature file by using Test Runner.java class file , extent report.html will be created with pass and fail screen shot evidences
* We uploaded all these test evidences in share point for every Release specific folders
* So that clients or any one can able to access Test execution evidences from share point