**Proof of Concept Outcome:**

| **Name** | **Remarks** | **Pros** | **Cons** |  |
| --- | --- | --- | --- | --- |
| **Name** | **Remarks** | **Pros** | **Cons** |  |
| Specflow | Tests are written in GWT format in feature files. Each feature file will have corresponding StepDefinition file | * Easy to understand * PO's , testers, Devs can get involved earlier coming up with different GWT scenarios even before a single line of code is written * Enhances greater collaboration within the team * Tests are in a language closer to plain text * Inbuilt data table enables us to have data driven tests * Removes the need for creating Manual Regression tests as all the tests will be in the feature file. Specflow plugins can create HTML Report containing these Feature file tests | * Additional overhead in maintaining the Step definition file. * Binding between Feature and Step definition is flaky at times |  |
| StoryQ | Tests are written in GWT format in the form of C# delegates | * Lightweight, easy to implement * Structure of these tests are similar to Nunit framework * No overhead in maintaining Step definition files | * No support for this tool |  |
| Nspec | Tests are written in the form of C# Lambda expressions | Format of these tests are similar to unit tests thereby easy for the developers to implement this framework | * Difficult to understand especially Testers/ Product owners may struggle to understand what those tests are trying to achieve |  |