**Test Plan for API**

**It a quick TestPlan to test two scenario asked**

**Activities**

1. DataSet Preparation
2. Creating Automation Testcases.
3. Executing Automation TestCases.
4. Final Report Generation.

**DataSet Preparation**

1. Create Valid String and valid Char to be removed.
2. Create Valid String and empty CharString.
3. Create Valid String and Special Char as input String.

**Test Scenario**

|  |  |  |  |
| --- | --- | --- | --- |
| Steps/Procedure | DataSet | Char to Remove | Expected Value |
| Create Valid String and valid Char to be removed. | Suresh | e | Sursh |
| Create Valid String and empty CharString. | Suresh | Empty Char | Suresh |
| Create Valid String and Special Char as input String. | Suresh | $ | Suresh |

**Test Plan for RESTApi**

**Activities**

1. **Prepare DataSet**
2. **TestCase Automation**
3. **Test Execution**
4. **Final Report Generation.**

**Prepare Dataset for RestAPi Call**

1. Prepare Dataset to validate RestAPI.

**TestCase Automation**

1. TestNG/RestAssured will be used to automate RestAPi response validation.

|  |  |  |
| --- | --- | --- |
| Rest URI | Data to Validate | Expected |
| **http://itunes.apple.com/search?term=jack+johnson** | **trackName= Staple It Together** | **Testcase should pass if “Staple It Together” available in response** |
| **http://itunes.apple.com/search?term=jack+johnson** | **Check Response Code to be 200** | **Testacse should pass if response code in zero** |