Rest Assured Test Plan for I tunes Store

1. Introduction

1.1 Purpose:
>To Fetch contents from I tunes using API with respective query parameter.

1.2 Scope
>Identify the API endpoints and functionalities to be tested.

2. Test Planning and strategy

2.1 Framework
>Test project is based on BDD cucumber frame work where Java is being used as language with Maven dependencies.

2.2 Tools
>I have used REST Assured in **Intellij** IDE.

2.3 Testing approach
>I have called api using a base url and set up a path parameter. And sending query parameter as per test scenarios.

2.4 Scenarios

Scenario 1: Validate i tunes search api with parameter with URL-encoded
Scenario 2: The two-letter country code for the store you want to search
Scenario 3: Validate i tunes search api with term and media parameters
Scenario 4: Validate i tunes search api with term and entity parameters
   Scenario 5: Validate i tunes search api with term and Attributes parameter
   Scenario 6: The number of search results you want the iTunes Store to return.
Scenario 7: A flag indicating whether or not you want to include explicit content in your search results
Scenario 8: The language, English or Japanese, you want to use when returning search results. Specify the language using the five-letter codename
Scenario 9: Validate i tunes search api with term and canada i tunes store parameter
Scenario 10: Validate i tunes search api with term and united states i tunes store and entity parameter
Scenario 11: Validate i tunes search api with invalid parameter
Scenario 12: Validate The search result key version you want to receive back from your search. The default is 2

Discovered Issues:
>After passing wrong parameter as well we are getting 200 status code.
>Not getting any results for "lang" attribute I.e en_us, ja_jp

Conclusion
> This is a basic template on Rest Assured project to get details from api using query parameter.