**For the /Products Apis (CRUD) (Sample)**

1. **GET :**

**TC1:**

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| **Steps** | **Expected Results/Response Status** | **Json Response Screenshots** |
| 1. Using Post Man Insert the Request URL for retrieving all Products(Method:GET)   <http://localhost:3030/products>   1. Click on Send | 1. Verify the Status Response is “200” |  |

* **Verify Correct Api Response when User retrieves all products**

**TC2:**

* **Verify Correct Api Response when User filters specific product By Id**

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| **Pre-Conditions** | **Steps** | **Expected Results/Response Status** | **Json Response Screenshots** |
| 1) Product with ID :43900 is known to be existing | 1) Using Post Man Insert the Request URL For retrieving product with specific id  [http://localhost:3030/products/{id}](http://localhost:3030/products/%7bid%7d)  (Method:GET) | 1. Verify Json Response status is Success(200) 2. Assert the Value of id attribute to the id value inserted 3. Verify No Ids other than the selected one was retrieved |  |

**TC3:**

* **Verify Api response When User searches with non existing id not found**

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| **Steps** | **Expected Results/Response Status** | **Json Response Screenshots** |
| 1) Using Post Man Insert the Request URL For retrieving product with wrong / not complete id  [http://localhost:3030/products/{id}](http://localhost:3030/products/%7bid%7d)  (Method:GET) | 1. Verify Json Response status code is Success(404)   2)Verify message displayed in the response has ": "No record found for id '{id}'" |  |

2)POST

**TC4:**

* **User Can insert New Product with valid data**

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| **Steps** | **Expected Results/Response Status** | **Json Response Screenshots** |
| 1) Using Post Man Insert the Request URL For retrieving product with wrong / not complete id  [http://localhost:3030/products/{id}](http://localhost:3030/products/%7bid%7d)  (Method :POST) | 1. Verify Json Response status code is Success(200)   2)Verify json response is returned with the added parameters   1. Verify   Apis generates automatically  Data for  Id , updated At , Created At which matches the data in which the post request was executed. |  |
|  | 1. Alternatively when any of the parameters has issue Verify the Bas request status code is returned |  |

* **User Can insert New Product with missing data**

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| **Steps** | **Expected Results/Response Status** | **Json Response Screenshots** |
| 1) Using Post Man Insert the Request URL For retrieving product with wrong / not complete id  [http://localhost:3030/products/{id}](http://localhost:3030/products/%7bid%7d)  (Method :POST) | 1. Verify Json Response status code is Success(400)   Indicating Bad Request  2)Verify message displayed in the response has ": "invalid parameter “ |  |

**Note: this is just a sample on tcs major scenarios and one alternative/Negative scenario**

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|  | **This is the Response status code and what they indicate** |

**Note: Detailed tcs should Cover all the status code responses expected with different user data insertions/Data types**