**Social Media News Tracking System**

Test Plan

By

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**Document History**

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**Chapter One | Introduction**

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**3.1.1 Search Class**

**3.1.1.1 Unit Test Case for SearchService Class (UTC-01)**

**searchFacebook(input: String): facebookCont**

* **Test set up**
  + Set the word “The Star” in facebookA.html file with Document Object Model (DOM) of www.facebook.com.
  + Set the word “AF” in facebookB.html file with Document Object Model (DOM) of www. facebook.com.
  + Set the sentence “I love The Star” in facebookC.html file with Document Object Model (DOM) of www. facebook.com.
  + Set the sentence “I love AF” in facebookD.html file with Document Object Model (DOM) of www. facebook.com.
  + Set the sentence “I love The Star and I love AF” in facebookE.html file with Document Object Model (DOM) of www. facebook.com.

|  |  |
| --- | --- |
| **Object Name** | **User Object** |
| Input1 | (“The Star”) |
| Input2 | (“The Star AF”) |
| Input3 | (“I love The Star”) |
| Input4 | (“I love The Star and I love AF”) |
| Input5 | (“TV Champion ”) |
| Input6 | (“ ”) |

* **Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case No.** | **Description** | **Input data** | **Expect Result** |
|  |  |
| 1 | Test search for the result with one word. | (“The Star”) | facebookA.html  facebookC.html  facebookE.html |
| 2 | Test search for the result with more than one word. | (“The Star AF”) | facebookA.html  facebookB.html  facebookC.html  facebookD.html facebookE.html |
| 3 | Test search for the result with one sentence. | (“I love The Star”) | facebookA.html  facebookC.html  facebookD.html  facebookE.html |
| 4 | Test search for the result with more than one sentence. | (“I love The Star and I love AF”) | facebookA.html  facebookB.html  facebookC.html  facebookD.html facebookE.html |
| 5 | Test search for the result with the word that did not set on Test set up. | (“TV Champion ”) | Null |
| 6 | Test search for result with no word. | (“ ”) | Null |

**searchPantip(input: String): pantipCont**

* **Test set up**
  + Set the word “The Star” in pantipA.html file with Document Object Model (DOM) of www.pantip.com.
  + Set the word “AF” in pantipB.html file with Document Object Model (DOM) of www.pantip.com.
  + Set the sentence “I love The Star” in pantipC.html file with Document Object Model (DOM) of www.pantip.com.
  + Set the sentence “I love AF” in pantipD.html file with Document Object Model (DOM) of www.pantip.com.
  + Set the sentence “I love The Star and I love AF” in pantipE.html file with Document Object Model (DOM) of www.pantip.com.

|  |  |
| --- | --- |
| **Object Name** | **User Object** |
| Input1 | (“The Star”) |
| Input2 | (“The Star AF”) |
| Input3 | (“I love The Star”) |
| Input4 | (“I love The Star and I love AF”) |
| Input5 | (“TV Champion ”) |
| Input6 | (“ ”) |

* **Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case No.** | **Description** | **Input data** | **Expect Result** |
|  |  |
| 1 | Test search for the result with one word. | (“The Star”) | pantipA.html  pantipC.html  pantipE.html |
| 2 | Test search for the result with more than one word. | (“The Star AF”) | pantipA.html  pantipB.html  pantipC.html  pantipD.html pantipE.html |
| 3 | Test search for the result with one sentence. | (“I love The Star”) | pantipA.html  pantipC.html  pantipD.html  pantipE.html |
| 4 | Test search for the result with more than one sentence. | (“I love The Star and I love AF”) | pantipA.html  pantipB.html  pantipC.html  pantipD.html pantipE.html |
| 5 | Test search for the result with the word that did not set on Test set up. | (“TV Champion ”) | Null |
| 6 | Test search for result with no word. | (“ ”) | Null |

**searchTwitter(input: String): TwitterCont**

* **Test set up**
  + Set the word “The Star” in twitterA.html file with Document Object Model (DOM) of www.twitter.com.
  + Set the word “AF” in twitterB.html file with Document Object Model (DOM) of www. twitter.com.
  + Set the sentence “I love The Star” in twitterC.html file with Document Object Model (DOM) of www. twitter.com.
  + Set the sentence “I love AF” in twitterD.html file with Document Object Model (DOM) of www. twitter.com.
  + Set the sentence “I love The Star and I love AF” in twitterE.html file with Document Object Model (DOM) of www. twitter.com.

|  |  |
| --- | --- |
| **Object Name** | **User Object** |
| Input1 | (“The Star”) |
| Input2 | (“The Star AF”) |
| Input3 | (“I love The Star”) |
| Input4 | (“I love The Star and I love AF”) |
| Input5 | (“TV Champion ”) |
| Input6 | (“ ”) |

* **Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case No.** | **Description** | **Input data** | **Expect Result** |
|  |  |
| 1 | Test search for the result with one word. | (“The Star”) | twitterA.html  twitterC.html  twitterE.html |
| 2 | Test search for the result with more than one word. | (“The Star AF”) | twitterA.html  twitterB.html  twitterC.html  twitterD.html twitterE.html |
| 3 | Test search for the result with one sentence. | (“I love The Star”) | twitterA.html  twitterC.html  twitterD.html  twitterE.html |
| 4 | Test search for the result with more than one sentence. | (“I love The Star and I love AF”) | twitterA.html  twitterB.html  twitterC.html  twitterD.html twitterE.html |
| 5 | Test search for the result with the word that did not set on Test set up. | (“TV Champion ”) | Null |
| 6 | Test search for result with no word. | (“ ”) | Null |

**searchTracking(input : String) : TrackCont**

* **Test set up**
  + Set the word “The Star” in twitterA.html file with Document Object Model (DOM) of www.twitter.com.
  + Set the word “AF” in twitterB.html file with Document Object Model (DOM) of www. twitter.com.
  + Set the sentence “I love The Star” in twitterC.html file with Document Object Model (DOM) of www. twitter.com.
  + Set the sentence “I love AF” in twitterD.html file with Document Object Model (DOM) of www. twitter.com.
  + Set the sentence “I love The Star and I love AF” in twitterE.html file with Document Object Model (DOM) of www. twitter.com.

|  |  |
| --- | --- |
| **Object Name** | **User Object** |
| Input1 | (“The Star”) |
| Input2 | (“The Star AF”) |
| Input3 | (“I love The Star”) |
| Input4 | (“I love The Star and I love AF”) |
| Input5 | (“TV Champion ”) |
| Input6 | (“ ”) |

* **Test Case**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case No.** | **Description** | **Input data** | **Expect Result** |
|  |  |
| 1 | Test search for the result with one word. | (“The Star”) | twitterA.html  twitterC.html  twitterE.html |
| 2 | Test search for the result with more than one word. | (“The Star AF”) | twitterA.html  twitterB.html  twitterC.html  twitterD.html twitterE.html |
| 3 | Test search for the result with one sentence. | (“I love The Star”) | twitterA.html  twitterC.html  twitterD.html  twitterE.html |
| 4 | Test search for the result with more than one sentence. | (“I love The Star and I love AF”) | twitterA.html  twitterB.html  twitterC.html  twitterD.html twitterE.html |
| 5 | Test search for the result with the word that did not set on Test set up. | (“TV Champion ”) | Null |
| 6 | Test search for result with no word. | (“ ”) | Null |