

Social Media News Tracking System

Test Plan

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Document History

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SMTS_SRS_v.0.1.docx	0.1 <ul style="list-style-type: none"> Add User Requirement Specification (URS) : URS-01 – URS-10 Add User Requirement Specification Description for URS-01, URS-02, URS-03, URS-04, URS-05, URS-07, URS-08, and URS-09 Add System requirement specification (SRS) for URS-01, URS-02, and URS-03 	Draft	July 9,2015	PP, SB, CD	PP, SB	PP, SB

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Chapter One | Introduction

1.1 Objective

1.2 Scope

1.3 Acronyms

Chapter Two | Test Plan and Test Procedure

2.1 Test Objective

2.2 Scope of testing

2.3 Purpose of Test Plan and Procedure

2.4 Test Duration

2.5 Test Responsibility

2.6 Test Strategy

2.7 Result of Testing

2.8 Test Environment

2.8.1 Hardware

2.8.2 Software

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Chapter Three | Unit Test

3.1 Unit Test Case (UTC)

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	(“ ”)

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- **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	(" ")

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- **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	(" ")

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- **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	(" ")

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- **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

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