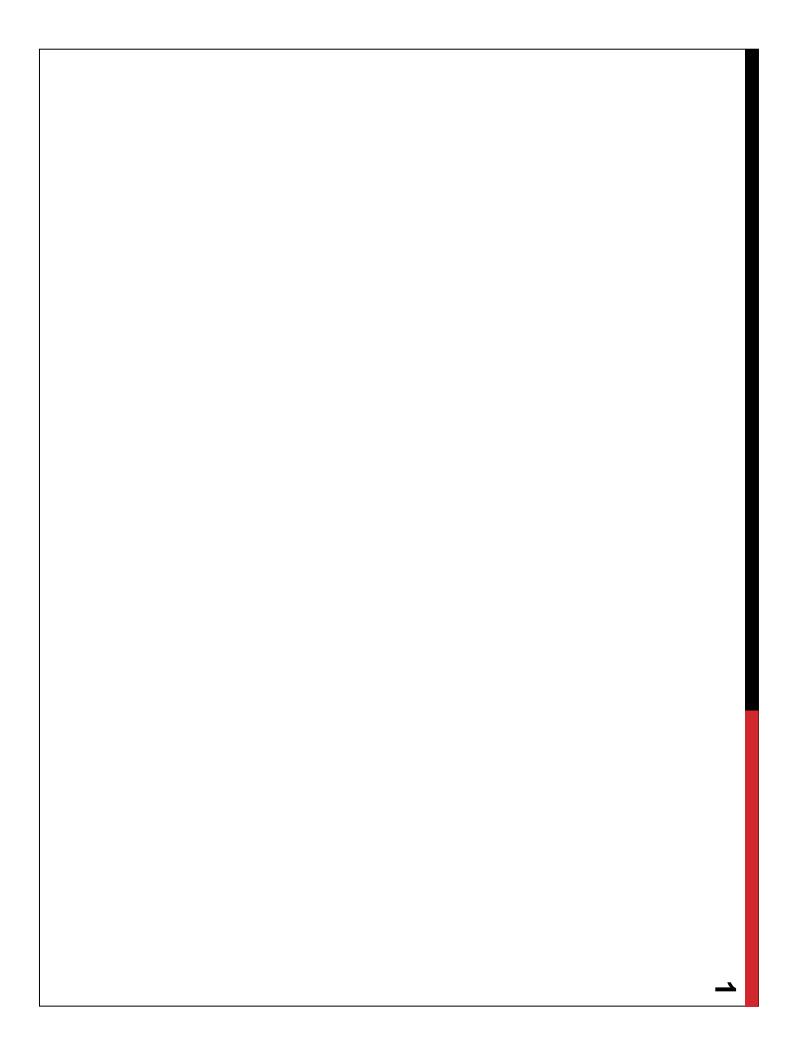# BOGAZICI WEB ANNOTATION TOOL

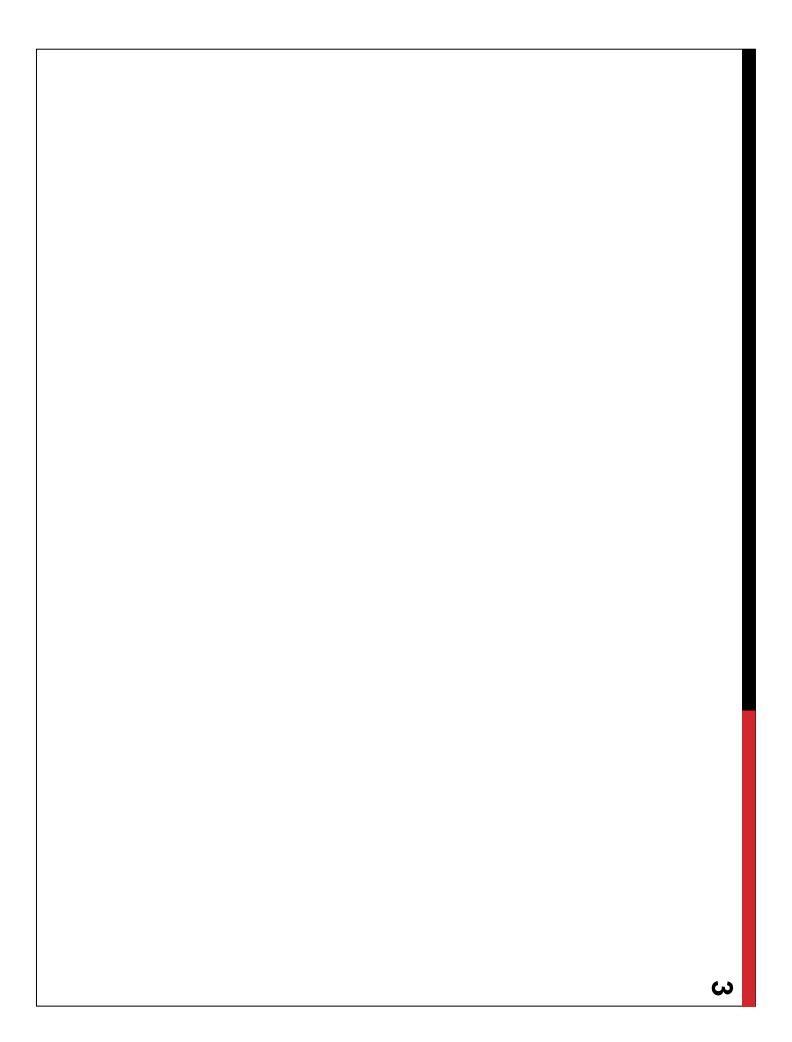## TESTING DOCUMENT

Bogaziçi Web Annotation Tool is an annotation tool for web pages that is compatible with W3C Web Annotation standard.

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BOGAZICI WEB ANNOTATION TOOL

TESTING DOCUMENT

WELCOME

This is the testing document of the Boğaziçi Web Annotation Tool that created for Boğaziçi University Software Engineering SWE 574 Fall 2016 class.

DEVELOPERS

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UNIT TESTS

LD-DB Tests

```
▼  OK  <default package>                                          2s 896ms
    ▼  OK  AnnotationControllerTest                               2s 822ms
           OK  addAnnotation_shouldAddNewAnnotation               2s 822ms
    ▼  OK  ForInvalidAnnotation                                       66ms
           OK  no_exception_should_be_thrown_for_missing_target_annotation    60ms
           OK  no_exception_should_be_thrown_for_missing_type_annotation       6ms
    ▼  OK  ForValidAnnotation                                          8ms
           OK  no_exception_should_be_thrown_for_valid_annotation          8ms
```

Test Class: Annotation Control Test

Test Function: add_Annotation_shouldAddNewAnnotation

Test Scenario: The AddAnnotation function should be run properly.

Test Class: Invalid Annotation Test

Test Function: no_exception_should_be_thrown_for_missing_target_annotation

Test Scenario: No exception should be thrown for missing target annotation.

Test Class: Invalid Annotation Test

Test Function: no_exception_should_be_thrown_for_missing_type_annotation

Test Scenario: No exception should be thrown for missing type annotation.

Test Class: Valid Annotation Test

Test Function: no_exception_should_be_thrown_for_missing_type_annotation

Test Scenario: No exception should be thrown for missing type annotation.

BWAT Server Tests

```
▼ ⊙ <default package>                                                    3s 977ms
   ▼ ⊙ BwatServerApplicationTests                                           71ms
        ⊙ contextLoads                                                       71ms
   ▼ ⊙ AnnotationControllerTest                                            2s 15ms
        ⊙ getAnnotations                                                    670ms
        ⊙ addAnnotation_shouldSetVisibility                                 750ms
        ⊙ findBySource_shouldReturnPublicAnnotationsWithNoAuth             292ms
        ⊙ findBySource_shouldReturnPublicAndPrivateAnnotationsOfUser       303ms
   ▼ ⊙ UserControllerTest                                                 1s 891ms
        ⊙ create_shouldValidateMail                                         645ms
        ⊙ login_shouldLogin                                                 245ms
        ⊙ create_shouldRegister                                             408ms
        ⊙ restricted_shouldSuccess                                          280ms
        ⊙ restricted_shouldFail                                             168ms
        ⊙ login_shouldFail                                                  145ms
```

Test Class: BWAT Server Application Tests

Test Function: contextLoads

Test Scenario: The context loads succesfully.

Test Class: Annotation Controller Test

Test Function: getAnnotations

Test Scenario: Get annotation functionality works correctly.

Test Class: Annotation Controller Test

Test Function: addAnnotation_shouldSetVisibility

Test Scenario: Add annotation should set visibility.

Test Class: Annotation Controller Test

Test Function: findBySource_shouldReturnPublicAnnotationsWithNoAuth

Test Scenario: The public annotations that belong to the given source should be returned.

Test Class: Annotation Controller Test

Test Function: findBySource_shouldReturnPublicAndPrivateAnnotationsofUser

Test Scenario: The public and private annotations of the authorized user, that belong to the given source should be returned.

Test Class: User Controller Test

Test Function: create_ShouldValidateMail

Test Scenario: The create user method should validate the user mail.

Test Class: User Controller Test

Test Function: login_ShouldLogin

Test Scenario: The login function should able to login.

Test Class: User Controller Test

Test Function: create_shouldRegister

Test Scenario: The register function should able to create login.

Test Class: User Controller Test

Test Function: restricted_shouldSuccess

Test Scenario: The authentication function should be success with valid token.

Test Class: User Controller Test

Test Function: restricted_shouldFail

Test Scenario: The authentication function should be fail with invalid token.

Test Class: User Controller Test

Test Function: login_shouldFail

Test Scenario: The login function should be fail with invalid username and password.

FUNCTIONALITY TESTS

Test Case ID	BWAT_000	Test Case Description	Test the functionality of user login		
Created By	Mahmut	Reviewed By		Version	0.1

QA Tester's Log

Tester's Name	Mahmut	Date Tested	01.12.2016	Test Case (Pass/Fail/Not Executed)	Pass

S #	Prerequisites:
1	Access to Chrome Browser
2	
3	
4	

S #	Test Data
1	Userid = ozkuran@gmail.com
2	Pass = 123456
3	
4	

Test Scenario Verify that user can login

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://en.wikipedia.org/wiki/Landscape_with_the_Fall_of_Icarus	Site should open	As Expected	Pass
2	Click extension and open interface	Extension interface should be opened	As Expected	Pass
3	Click login/register button	The username password windows should be opened	As Expected	Pass
4	Enter username and password and click login button	The login would be successful	As Expected	Pass

Test Case ID	BWAT_001	Test Case Description	Test the functionality of text annotation		
Created By	Mahmut	Reviewed By		Version	0.1

QA Tester's Log

Tester's Name	Mahmut	Date Tested	01.12.2016	Test Case (Pass/Fail/Not Executed)	Pass

S #	Prerequisites:
1	Access to Chrome Browser
2	
3	
4	

S #	Test Data
1	Userid = ozkuran@gmail.com
2	Pass = 123456
3	
4	

Test Scenario   Verify on entering valid userid and password, the customer can login

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://en.wikipedia.org/wiki/Landscape_with_the_Fall_of_Icarus	Site should be opened	As Expected	Pass
2	Select a text to annotate	Text should be able to selected	As Expected	Pass
3	The annotation box should be opened	The annotation box should be opened	As Expected	Pass
4	Annotation could be entered to the annotation box	Annotation could be entered to the annotation box	As Expected	Pass
5	Annotation could be entered by pressing ok	Annotation could be entered by pressing ok	As Expected	Pass

Test Case ID	BWAT_002	Test Case Description	Test the functionality of image annotation		
Created By	Mahmut	Reviewed By		Version	0.1

QA Tester's Log

Tester's Name	Mahmut	Date Tested	01.12.2016	Test Case (Pass/Fail/Not Executed)	Pass

S #	Prerequisites:
1	Access to Chrome Browser
2	
3	
4	

S #	Test Data
1	Userid = ozkuran@gmail.com
2	Pass = 123456
3	
4	

Test Scenario Verify that image annotation is possible.

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://en.wikipedia.org/wiki/Landscape_with_the_Fall_of_Icarus	Site should open	As Expected	Pass
2	Select a part of an image to annotate	A part of the image should be able to selected	As Expected	Pass
3	The annotation box should be opened	The annotation box should be opened	As Expected	Pass
4	Annotation could be entered to the annotation box	Annotation could be entered to the annotation box	As Expected	Pass
5	Annotation could be entered by pressing ok	Annotation could be entered by pressing ok	As Expected	Pass

Test Case ID	BWAT_003	Test Case Description	Test the functionality of editing text annotation		
Created By	Mahmut	Reviewed By		Version	0.1

QA Tester's Log

Tester's Name	Mahmut	Date Tested	01.12.2016	Test Case (Pass/Fail/Not Executed)	Pass

S #	Prerequisites:
1	Access to Chrome Browser
2	
3	
4	

S #	Test Data
1	Userid = ozkuran@gmail.com
2	Pass = 123456
3	
4	

Test Scenario Verify that editing of text annotation is possible

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://en.wikipedia.org/wiki/Landscape_with_the_Fall_of_Icarus	Site should open	As Expected	Pass
2	Move to the position of the annotation	The annotation should be shown	As Expected	Pass
3	The annotation box should be opened	The annotation box should be opened	As Expected	Pass
4	Edit the annotation	Annotation should be edited	As Expected	Pass
5	Updated annotation should be displayed	Annotation should be seen as edited	As Expected	Pass
6	Updated version of the annotation should be displayed	Updated version of the annotation should be displayed	As Expected	Pass

Test Case ID	BWAT_004	Test Case Description	Test the delete functionality of text annotation		
Created By	Mahmut	Reviewed By		Version	0.1

QA Tester's Log

Tester's Name	Mahmut	Date Tested	01.12.2016	Test Case (Pass/Fail/Not Executed)	Pass

S #	Prerequisites:
1	Access to Chrome Browser
2	
3	
4	

S #	Test Data
1	Userid = ozkuran@gmail.com
2	Pass = 123456
3	
4	

Test Scenario   Verify that the deletion of text annotation is possible

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://en.wikipedia.org/wiki/Landscape_with_the_Fall_of_Icarus	Site should open	As Expected	Pass
2	Move to the position of the annotation	The annotation should be shown	As Expected	Pass
3	The annotation box should be opened	The annotation box should be opened	As Expected	Pass
4	Delete the annotation	Annotation should be edited	As Expected	Pass
5	The annotation should be deleted	The annotation should not be seen in the screen.	As Expected	Pass
6	Deleted annotation should not be seen after reload	Deleted annotation should not be seen after reload	As Expected	Pass

Test Case ID	BWAT_005	Test Case Description	Test the functionality of editing image annotation		
Created By	Mahmut	Reviewed By		Version	0.1

QA Tester's Log

Tester's Name	Mahmut	Date Tested	01.12.2016	Test Case (Pass/Fail/Not Executed)	Pass

S #	Prerequisites:
1	Access to Chrome Browser
2	
3	
4	

S #	Test Data
1	Userid = ozkuran@gmail.com
2	Pass = 123456
3	
4	

Test Scenario   Verify that editing of the image annotation is possible

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://en.wikipedia.org/wiki/Landscape_with_the_Fall_of_Icarus	Site should open	As Expected	Pass
2	Move to the position of the annotation	The annotation should be shown	As Expected	Pass
3	The annotation box should be opened	The annotation box should be opened	As Expected	Pass
4	Edit the annotation	Annotation should be edited	As Expected	Pass
5	Updated annotation should be displayed	Annotation should be seen as edited	As Expected	Pass
6	Updated version of the annotation should be displayed	Updated version of the annotation should be displayed	As Expected	Pass

Test Case ID	BWAT_006	Test Case Description	Test the delete functionality of image annotation		
Created By	Mahmut	Reviewed By		Version	0.1

QA Tester's Log

Tester's Name	Mahmut	Date Tested	01.12.2016	Test Case (Pass/Fail/Not Executed)	Pass

S #	Prerequisites:		S #	Test Data
1	Access to Chrome Browser		1	Userid = ozkuran@gmail.com
2			2	Pass = 123456
3			3	
4			4	

Test Scenario   Verify that image annotations can be deleted

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://en.wikipedia.org/wiki/Landscape_with_the_Fall_of_Icarus	Site should open	As Expected	Pass
2	Move to the position of the annotation	The annotation should be shown	As Expected	Pass
3	The annotation box should be opened	The annotation box should be opened	As Expected	Pass
4	Delete the annotation	Annotation should be edited	As Expected	Pass
5	The annotation should be deleted	The annotation should not be seen in the screen.	As Expected	Pass
6	Deleted annotation should not be seen after reload	Deleted annotation should not be seen after reload	As Expected	Pass

Test Case ID	BWAT_007	Test Case Description	Test the annotation list functionality		
Created By	Mahmut	Reviewed By		Version	0.1

QA Tester's Log

Tester's Name	Mahmut	Date Tested	01.12.2016	Test Case (Pass/Fail/Not Executed)	Pass

S #	Prerequisites:
1	Access to Chrome Browser
2	
3	
4	

S #	Test Data
1	Userid = ozkuran@gmail.com
2	Pass = 123456
3	
4	

Test Scenario Verify that annotations listed in the extension window

Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://en.wikipedia.org/wiki/Landscape_with_the_Fall_of_Icarus	Site should open	As Expected	Pass
2	Click the annotation extension button	The annotation extension window should be opened	As Expected	Pass
3	The annotations in the page should be listed on the window	The annotations in the page should be listed on the window	As Expected	Pass