

# IT314 Software Engineering Team 7

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## Test Cases

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DA-IICT, Gandhinagar

**Overview**

Test Cases Document describes various test cases for the Entelechy Website project. A test **case** in software engineering is a set of conditions or variables under which a tester will determine whether a software system is working correctly.

**Target Audience**

Coders

Testers

**Document Revision History**

Version	Author(s)	Description	Reviewer(s)	Date
1.0	Prashant	Test Cases v1.0	Abhishek, Swena	31 March, 2013

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## Test Cases

## 1. Test Cases

## Test Case ID 1: Visiting the Homepage of the website

Test Case ID	Description	Prerequisite	Expected Output
1.1	Entering incorrect URL	User uses web browser and has an established internet connection	Browser shows an error message saying 404-Page Not Found <b>OR</b> Another website opens
1.2	Entering correct URL	User uses web browser and has an established internet connection	Browser shows the home page of the web interface

## Test Case ID 2: Register on the Website

Test Case ID	Description	Prerequisite	Expected Output
2.1	Blank username or/and password or/and email or/and first name or/and last name	User has a DA-IICT webmail account	User not logged in with errors ERROR: Please enter a username. Or/and ERROR: Please type your e-mail address. Or/and ERROR: Please enter your First Name. Or/and ERROR: Please enter your Last Name. Or/and ERROR: Please enter a Password.
2.2	Password less than 6 characters	User has a DA-IICT webmail account	ERROR: Your Password must be at least 6 characters in length.
2.3	Non DA-IICT webmail id as email	User has a DA-IICT webmail account	<b>ERROR:</b> You may only register with your DA-IICT email address.
2.4	All valid data	User has a DA-IICT webmail account	User is registered with confirmation pending. A confirmation link is sent to the user's email-id.

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**Test Case ID 3: Confirming registration**

Test Case ID	Description	Prerequisite	Expected Output
3.1	Click on the confirm registration link sent to the given DA-IICT webmail ID	User has registered on the website with his DA-IICT webmail email ID	Registration is confirmed

**Test Case ID 4: Login to the Website**

Test Case ID	Description	Prerequisite	Expected Output
4.1	Leaving the Username/ Password fields blank and logging in	Username and password for the user are stored in the database	Login failed
4.2	Entering invalid/ Incorrect username/ Password	Username and password for the user are stored in the database	Login failed and a message displayed saying Username and Password combination is incorrect
4.3	Entering correct Username and password	Username and password for the user are stored in the database	Login successful and browser redirects to the home page of the website.

**Test Case ID 5: Logout of the Website**

Test Case ID	Description	Prerequisite	Expected Output
5.1	Logging out by clicking on Logout link in the top left of the page	User is already logged in	User gets logged out and browser redirects to the home page of the website

**Test Case ID 6: Change Password**

Test Case ID	Description	Prerequisite	Expected Output
6.1	Click on forgot password link on the register page	User has an account	A mail is sent to registered email-id with the link to reset

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			password
6.2	Change password after logging in from dashboard Password and confirm password fields match	User is already logged in	Password is changed
6.3	Password and Confirm Password fields mismatch	User is already logged in	ERROR: Please enter the same password in the two password fields.

## Test Case ID 7: Like

Test Case ID	Description	Prerequisite	Expected Output
7.1	User presses the 'like' button	User is already logged in and (s)he views some post on the site	An anonymous like is set and displayed as <b>+1</b> for other users. This value keeps increasing by 1 for <b>every</b> 'like' hit for the <i>same</i> post.

## Test Case ID 8: Post article

Test Case ID	Description	Prerequisite	Expected Output
8.1	User requests to publish a new post with blank 'Title' and blank 'content field' and with no category, edition & tags selected	User is already logged in and hits the 'Publish' button on new post	A message appears 'Post published' but on viewing the post, user is redirected to a 'PAGE NOT FOUND' page
8.2	User requests to publish a new post with blank 'Title' and blank 'content field' and with some category or/and edition or/and tags selected	User is already logged in and hits the 'Publish' button on new post	A message appears 'Post published' but on viewing the post, user is redirected to a 'PAGE NOT FOUND' page

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8.3	User requests to publish a new post with <b>some</b> entry in ' <b>Title</b> ' or/and <b>some</b> entry in ' <b>content</b> field', along with no category, edition & tags selected	User is already logged in and hits the 'Publish' button on new post	A message appears 'Post published' and on viewing the post the post it is displayed under 'Uncategorized' category
8.4	User requests to publish a new post with <b>some</b> entry in ' <b>Title</b> ' or/and <b>some</b> entry in ' <b>content</b> field', along with a category and <b>no</b> edition & tags selected	User is already logged in and hits the 'Publish' button on new post	A message appears 'Post published' and on viewing the post the post is displayed under Selected category
8.5	User requests to publish a <b>new post with all fields exactly same</b> as any one of above prescribed cases	User is already logged in and hits the 'Publish' button on new post with a pre-existing post with all fields same.	Same message is displayed as the respective message displayed under the various categories above and a replica of post is added on the website.
8.6	User requests to publish a new post with blank entry in ' <b>Title</b> ' and <b>some</b> entry in ' <b>content</b> field', with category, edition or tags either selected or unselected	User is already logged in and hits the 'Publish' button on new post	A message appears 'Post published' and on viewing the post the post is displayed with no title and with the contents of the page. It is listed under 'uncategorized' category if no category was selected and the corresponding 'category' if some category was selected. Respective editions/tags are also shown based on selection.
8.7	User requests to publish a new post with some entry in ' <b>Title</b> ' or/and <b>some</b> entry in ' <b>content</b> field', with category, edition or tags either selected or unselected	User is already logged in and hits the 'Publish' button on new post	A message appears 'Post published' and on viewing the post the post is displayed with the same title and post-content as mentioned while publishing. It is listed under 'uncategorized' category if no category was selected and the

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			corresponding 'category' if some category was selected. Respective editions/tags are also shown based on their selection.
8.9	User requests to modify a post with the fields belonging to any one of the above criterion from 8.1-8.8	User is already logged in, (s)he is the owner of a post and wishes to modify the post by clicking on 'edit' feature of the post. Consequently (s)he hits the 'Update' button on post after modification	User gets the <b>same</b> output based on the belonging criterion (s)he belonged to and the corresponding post is updated on the website.

## Test Case ID 9: Post Bulletins

Test Case ID	Description	Prerequisite	Expected Output
9.1	User requests to publish a new Bulletin with blank 'Title' and blank 'content field' .	User is already logged in and hits the 'Publish' button on new Bulletin	A message appears 'Bulletin published' but on viewing the Bulletin, user is redirected to a 'NOT FOUND' page
9.2	User requests to publish a new Bulletin with <b>some</b> entry in 'Title' or/and <b>some</b> entry in 'content field'.	User is already logged in and hits the 'Publish' button on new Bulletin.	A message appears 'Bulletin published' and on viewing the Bulletin it is displayed on the widget.
9.3	User requests to publish a <b>new Bulletin with all fields exactly same</b> as any one of above prescribed case.	User is already logged in and hits the 'Publish' button on new Bulletin with a pre-existing Bulletin with all fields same.	Same message is displayed as the respective message displayed and a replica of Bulletin added on the website.
9.4	User requests to publish a new Bulletin with blank entry in 'Title' and <b>some</b> entry in 'content field'.	User is already logged in and hits the 'Publish' button on new Bulletin.	A message appears 'Post published' and on viewing the Bulletin the Bulletin is displayed with no title and with the contents of the widget.



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9.5	User requests to modify a Bulletins with the fields belonging to any one of the above criterion from 8.1-8.4	User is already logged in, (s)he is the owner of a Bulletin and wishes to modify the Bulletin by clicking on 'edit' feature of the Bulletin. Consequently (s)he hits the 'Update' button on Bulletin after modification	User gets the <b>same</b> output based on the belonging criterion (s)he belonged to and the corresponding Bulletin is updated on the website.
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**Test Case ID 10: Post Comments**

Test Case ID	Description	Prerequisite	Expected Output
10.1	User requests to publish a new Comment with some text in 'text box' below the Post	User is already logged in and hits the 'Post Comment' button.	A Comment appears below the published post.
10.2	User requests to publish a new Comment with no text in 'text box' below the Post.	User is already logged in and hits the 'Post Comment' button.	Error Messgae is shown displaying: ' please type a comment'
10..3	User requests to modify a comment with the text.	User is already logged in, (s)he is the owner of a comment and wishes to modify the comment by clicking on 'edit' feature of the comment. Consequently (s)he hits the 'Update' button on comment after modification	User gets the output based on the belonging criterion (s)he belonged to and the corresponding comment is updated on the website.

**Test Case ID 11: Forgot Password**

Test Case ID	Description	Prerequisite	Expected Output
11.1	Click on forgot password link on the register page	User has an account	A mail is sent to registered email-id with the link to reset password

**Test Case ID 12: Create New Edition**

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Test Case ID	Description	Prerequisite	Expected Output
12.1	User requests to create a new Edition with no text in 'Name', Slug and Description box.	User is already logged in and hits the 'Add New Edition' button.	User is asked to Enter the Name .
12.2	User requests to create a new Edition with some content in 'Name' box and other box are empty.	User is already logged in and hits the 'Add New Edition' button.	New Edition is created with name and slug being same as entered in name box.
12.3	User requests to create a new Edition with some content in 'Name' box and some content in 'Slug' box.	User is already logged in and hits the 'Add New Edition' button.	New Edition is created with name being as entered in 'name' box and slug being as entered in 'Slug' box.

**Test Case ID 13: Create New Tag**

Test Case ID	Description	Prerequisite	Expected Output
13.1	User requests to create a new Tag with no text in 'Name', Slug and Description box.	User is already logged in and hits the 'Add New Tag' button.	User is asked to Enter the Name .
13.2	User requests to create a new Tag with some content in 'Name' box and other box are empty.	User is already logged in and hits the 'Add New Tag' button.	New Tag is created with name and slug being same as entered in name box.
13.3	User requests to create a new Tag with some content in 'Name' box, 'Slug' box, 'Description' box.	User is already logged in and hits the 'Add New Tag' button.	New Tag is created with name being as entered in 'name' box and slug being as entered in 'Slug' box.

**Test Case ID 14: Create New Category**

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Test Case ID	Description	Prerequisite	Expected Output
14.1	User requests to create a new Category with no text in 'Name', Slug and Description box.	User is already logged in and hits the 'Add New Category' button.	User is asked to Enter the Name .
14.2	User requests to create a new Category with some content in 'Name' box and other box are empty.	User is already logged in and hits the 'Add New Category' button.	New Category is created with name and slug being same as entered in name box.
14.3	User requests to create a new Category with some content in 'Name' box , 'Slug' box, 'Description' box.	User is already logged in and hits the 'Add New Category' button.	New Category is created with name being as entered in 'name' box and slug being as entered in 'Slug' box.

## 2. References

Sandeep Mertia, et. al., Software Requirements Specification v1.0, Team 7, IT314 Software Engineering, Winter 2012-13, DA-IICT

Sandeep Mertia, et. al., System Test Plan v1.0, Team 7, IT314 Software Engineering, Winter 2012-13, DA-IICT