

# 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**

<b>Version</b>	<b>Author(s)</b>	<b>Description</b>	<b>Reviewer(s)</b>	<b>Date</b>
1.0	Prashant	Test Cases v1.0	Swena, Abhishek	03 April, 2013
2.0	Swena, Abhishek	Test Cases v2.0	Sonu, Surabhi	04 April, 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	User has an account	A mail is sent to registered email-id with

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	the register page		the link to reset 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.
7.2	User tries to like the post again	User is already logged in and (s)he views some post on the site	User not allowed to like again

## 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

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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
8.3	User requests to publish a new post with <b>some</b> entry in 'Title' or/and <b>some</b> entry in 'content 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 'Title' or/and <b>some</b> entry in 'content 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 'Title' and <b>some</b> entry in 'content 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

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			'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 'Title' or/and <b>some</b> entry in 'content 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 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	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.



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	<b>'Title'</b> or/and <b>some</b> entry in <b>'content'</b> field'.		
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 <b>'Title'</b> and <b>some</b> entry in <b>'content'</b> 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.
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.

## 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 Message is shown displaying: 'please type a comment'
10.3	User requests to modify a	User is already logged in, (s)he is the owner of a	User gets the output based on the belonging

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	comment with the text.	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	criterion (s)he belonged to and the corresponding comment is updated on the website.
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**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**

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	User is already logged in	User is asked to Enter the

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	create a new Tag with no text in 'Name' , Slug and Description box.	and hits the 'Add New Tag' button.	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**

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.

**Test Case ID 15: Table of Contents**

Test Case ID	Description	Prerequisite	Expected Output
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15.1	User visits the table of content page and view all the articles posted on or after particular date under all categories .	User hits the 'Table of Content' in top static menu bar.	All the articles posted on or after particular date under all categories are displayed and can be viewed through their links..
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**Test Case ID 16: Add Local Avatar Plugin**

Test Case ID	Description	Prerequisite	Expected Output
16.1	It allows users to upload its Profile Pictures and display it in his/her Profile.	User must be logged in and visit	All the articles posted on or after particular date under all categories are displayed and can be viewed through their links..

**Test Case ID 17: Advanced Excerpt**

Test Case ID	Description	Prerequisite	Expected Output
17.1	This will allow user to limit the number of characters/words of title of excerpt. We will limit it to 30 characters.	The plugin is installed and the required settings are done as mentioned in user manual.	Title of excerpt would be limited to 30 characters if the length exceed it.

**Test Case ID 18: Custom Post Display**

Test Case ID	Description	Prerequisite	Expected Output
18.1	This will allow the users to display custom post type as widget in sidebar of the site. We will display Bulletins as a widget using this plugin.	The plugin is installed and the required settings are done as mentioned in user manual.	Bulletins should be displayed as a widget in the sidebar of the site.

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**Test Case ID 19: MenuBar**

Test Case ID	Description	Prerequisite	Expected Output
19.1	This will allow user to configure an additional menu. We will use this plugin to display static menu at the top of the page.	The plugin is installed and the required settings are done as mentioned in user manual.	Menu Bar should be displayed at the top of the site.

**Test Case ID 20: Remove Link Url**

Test Case ID	Description	Prerequisite	Expected Output
20.1	This will allow the user to remove the link url from the image that is enabled by default when images are uploaded in the post.	The plugin is installed and the required settings are done as mentioned in user manual.	Post should not open when clicking on the image of the post.

**Test Case ID 21: Table of content creator**

Test Case ID	Description	Prerequisite	Expected Output
21.1	User wishes to see the dynamic site table of contents and (s)he hits the 'Table of Contents' feature on the top in the static menubar section.	The plugin is installed and the required settings are done as mentioned in user manual.	User could see the updaed table of contents in a new dynamically generated page, category-wise for that particular edition.

**Test Case ID 22: Thumbnail for excerpts:**

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Test Case ID	Description	Prerequisite	Expected Output
22.1	This plugin is used to add thumbnail wherever you show excerpts and works when user adds a new post with long post-title.	The plugin is installed and the required settings are done as mentioned in user manual.	The title of the post displayed is cut short to 30 characters only after which '...' is displayed.

**Test Case ID 23: Taxonomy Picker:** It is used for choosing specific categories and custom taxonomies (i.e. Editions) from drop down boxes.

Test Case ID	Description	Prerequisite	Expected Output
23.1	User requests to fetch the posts with some selection entry in the 'Edition' field and no selection in the 'Category' section. (S)he hits the 'Search' button on the archival search feature given on the website.	The plugin is installed and the required settings are done as mentioned in user manual.	User can see all the posts of the selected 'Edition' irrespective of the category, i.e. belonging to all categories.
23.2	User requests to fetch the posts with some selection entry in the 'Category' field and no selection in the 'Edition' section. (S)he hits the 'Search' button on the archival search feature given on the website.	The plugin is installed and the required settings are done as mentioned in user manual.	User can see all the posts of the selected 'Category' irrespective of the Edition, i.e. belonging to all editions.

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	website.		
23.3	User requests to fetch the posts with some selection entry in the 'Category' as well as 'Edition' fields. (S)he hits the 'Search' button on the archival search feature given on the website.	The plugin is installed and the required settings are done as mentioned in user manual. In addition, user hits the 'Search' button on the archival search feature given on the website.	User can see all the posts of the selected 'Category' and belonging to that particular 'Edition'

**Test Case ID 24: Tweet blender**

Test Case ID	Description	Prerequisite	Expected Output
24.1	This plugin shows tweets for hash tags and handles such as #DA-IICT and @DA-IICT	The plugin is installed and the required settings are done as mentioned in user manual.	User can see the automatically 'updated' and refreshed tweets that are matched with the corresponding tag or handles, #DA-IICT and @DA-IICT

**Test Case ID 25: Register Plus Redux**

Test Case ID	Description	Prerequisite	Expected Output
25.1	Plugin to allow user to choose password during registration	Plugin is activated with required setting done as mentioned in the user manual.	User is shown an option to enter his/her password during registration.
25.2	Plugin to allow user to choose password during registration	Plugin is activated with required setting done as mentioned in the user manual.	User details entered during registration are stored in the database and displayed on the profile.

**2. References**

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

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