

# Unit Test Plan for the Joomla Menu Manager

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- Tested by James Ramsay

## **Document Organization:**

The format of the document is one of the following:

Action Expected Result	Sub Action Expected Result	Child Action Expected Result	Sub Child Action Expected Result
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They all follow an order. For example, a Sub Action cannot occur without the Action being performed first and so on.

I have also provided a **Note** at various places that explains why things happen the way they're happening based on my three years of experience with Joomla so that the person who is carrying out the tests will not face a problem.

## **Statistics:**

Number of Actions described	14
Number of Sub Actions described	29
Number of Child Actions described	12
Number of Sub Child Actions described	5
Total Actions described in this document	<b>60</b>

## **Testing Environment:**

### **System Information**













PHP Built on:	Windows NT
Database Version:	5.0.45-community-nt
Database Collation:	latin1_general_ci
PHP Version:	5.2.4
Webserver:	Apache/2.24
Webserver to PHP interface:	apache2handler













**Microsoft Internet Explorer 7 64-bit Edition (Windows)**










**Safari 3.0.4 (Windows)**












**Firefox 2.0.11 (Windows)**

## Unit Test Plan












1. **Action:** Click on any Radio Button besides the Menu name and click on Edit at the right-top of the page  
 **Expected Result:** You should be able to edit the name of that menu
  - a. **Sub Action:** After **Action 1**, enter the desired name and click on Save  
 **Expected Result:** The page should refresh and take you to the Menu manager Main Page
  - b. **Sub Action:** After **Action 1**, if you wish to cancel the operation, click on Cancel  
 **Expected Result:** The page should refresh and take you back to the Menu Manager Main Page
  - c. **Sub Action:** After **Action 1**, enter a name that already exists and click on Save  
**Expected Result:** A dialog box that says: "A menu already exists with that name - you must enter a unique Menu Name" should pop up and after clicking "Ok", it should take you back to the editing page.  

  - d. **Sub Action:** After **Action 1**, roll your mouse cursor over the small icon that is present besides the Text box  
 **Expected Result:** A small hover box should appear that says: "This is the identification name used by Joomla to identify this menu within the code - it must be unique. Recommend that you do not have any spaces in your Menu Name" should appear.  
**Note:** If the hover box is not displayed, check to see if Javascript is disabled in your browser
2. **Action:** This time, instead of clicking on the Radio Button, click on the menu name.  
 **Expected Action:** It should take you to the Editing Page in which you will be able to edit the name of that menu  
**Note:** All the Sub Actions described under **Action 1** are applicable here as well.
3. **Action:** Roll your mouse over the menu name text  
 **Expected Result:** You should be able to see a helper box that says: "Edit Menu Name"
4. **Action:** Roll your mouse over one of the icons under the "Menu Items" column.  
 **Expected Result:** You should be able to see a helper box that says: "Edit Menu Items"
5. **Action:** Click on one of the icons under the "Menu Items" column  
 **Expected Result:** You should be directed to a page that contains all the menu items that belong to the menu you clicked.
6. **Action:** Try clicking the links at the bottom of the page.  
 **Expected Result:** You should not be able to click on any of the links at the bottom of the page namely: "Start", "Previous", "Next", "End" until one of the conditions are satisfied:
  -  a. The display number is set to a number that is less than the total number of menus present
  -  b. Display number is set to a maximum but the number of menus exceeds that

7. **Action:** Click on the drop down box at the bottom of the page and set a number  
 **Expected Result:** The page should refresh without you having to click any other button and should display the number of items that you requested per page
8. **Action:** Without clicking on any of the radio buttons, click on the “Copy” button at the top.  
 **Expected Result:** A dialog box with the message: “Please make a selection from the list to Copy” should be displayed.
- a. **Action:** Click Ok on the box  
 **Expected Result:** Should take you back to the original page
9. **Action:** Without clicking on any of the radio buttons, click on the “Delete” button at the top.  
 **Expected Result:** A dialog box with the message: “Please make a selection from the list to delete” should be displayed.
- a. **Action:** Click Ok on the box  
 **Expected Result:** Should take you back to the original page
10. **Action:** Without clicking on any of the radio buttons, click on the “Edit” button at the top.  
 **Expected Result:** A dialog box with the message: “Please select an item from the list to edit” should be displayed.
- a. **Action:** Click Ok on the box  
 **Expected Result:** Should take you back to the original page
11. **Action:** Click on the “Help” button at the top of the page  
 **Expected Result:** A pop-up window should appear pointing to the page at:  
[http://help.joomla.org/index2.php?option=com\\_content&task=findkey&pop=1&keyref=screen.menumanager](http://help.joomla.org/index2.php?option=com_content&task=findkey&pop=1&keyref=screen.menumanager)
- Note:** If a popup does not appear, then please check your popup blocker. Opera has a Popup blocker and Firefox too has one. With IE, you shouldn't be facing this problem.
12. **Action:** Click on the “New” button at the top of the page  
**Expected Result:** You should be directed to a page that enables you to enter the “Menu Name” and “Module Title”
- a. **Sub Action:** Enter a desired “Menu name” and “Module Title” and hit on the “Save” button  
 **Expected Result:**
- b. **Sub Action:** Enter a desired “Menu name” but leave the “Module Title” text box empty and hit on the “Save” button  
 **Expected Result:** It should display a dialog box with the message: “Please enter a module name for your menu”
- c. **Sub Action:** Enter a desired “Module Title” but leave the “Menu Name” box empty and hit on the “Save” button  
 **Expected Result:** It should display a dialog box with the message: “Please enter a menu name”
- d. **Sub Action:** Leave both the “Module Title” and “Menu Name” boxes empty and hit on “Save” button  
 **Expected Result:** It should display a dialog box with the message: “Please enter a menu name”. This behavior is seen because Menu Name is the first text box.

- e. **Sub Action:** Either fill both the boxes or leave them empty and click on the “Cancel” button  
 **Expected Result:** It should take you back to the Menu manager main page
  - f. **Sub Action:** Click on the “Help” button at the top of the page  
 **Expected Result:** A pop-up window should appear pointing to the page at: [http://help.joomla.org/index2.php?option=com\\_content&task=findkey&pop=1&keyref=screen.menumanager](http://help.joomla.org/index2.php?option=com_content&task=findkey&pop=1&keyref=screen.menumanager)  
**Note:** If a popup does not appear, then please check your popup blocker. Opera has a Popup blocker and Firefox too has one. With IE, you shouldn't be facing this problem.
  - g. **Sub Action:** Roll your mouse cursor over the small icon that is present besides the “Menu Name” Text box  
 **Expected Result:** A small hover box should appear that says: “This is the identification name used by Joomla to identify this menu within the code - it must be unique. Recommend that you do not have any spaces in your Menu Name” should appear.  
**Note:** If the hover box is not displayed, check to see if Javascript is disabled in your browser
  - h. **Sub Action:** Roll your mouse cursor over the small icon that is present besides the “Module Title” Text box  
 **Expected Result:** A small hover box should appear that says: “Title of the mod\_mainmenu module required to show this Menu” should appear.  
**Note:** If the hover box is not displayed, check to see if Javascript is disabled in your browser
  - i. **Sub Action:** Enter some text into both the “Menu Name” and “Module Title” text boxes and hit on the “Save” button  
 **Expected Result:** It should take you back to the Menu Manager main page and the name you entered should be displayed here in the list that is shown.  
**Note:** You should be able to enter either alphabets or numbers or special characters in your Menu name and Module Title
13. **Action:** Click on one of the “Radio” buttons and hit on the “Delete” button at the top of the page  
 **Expected Result:** You should be directed to a page that asks for your confirmation
- a. **Sub Action:** Hit on the “Delete” button  
 **Expected Result:** It should display a dialog box saying: “Are you sure you want to Delete this menu? This will Delete the Menu, its Items and the Module(s).” After clicking “Ok” it should take you back to the Menu Manager Main page but you won't be able to see the menu item that you deleted. If instead, you hit on the Cancel button in the dialog box that was displayed, it should take you back to the confirmation page
  - b. **Sub Action:** Hit on the “Cancel” button  
 **Expected Result:** It should take you back the Menu Manager main page
14. **Action:** Click on one of the icons under the “Menu Items” column  
 **Expected Result:** You should be directed to a page that contains all the menu items that belong to the menu you clicked.

- a. **Sub Action:** Click on any of the icons under the “Published” column  
 **Expected Result:** The page should refresh and the icon should be changed to the same icon with a cross on it to indicate that it has been unpublished from the main page. You will not be able to see this menu item now when you access the Front-end.
- b. **Sub Action:** Click on any of the icons under the “Published” column which have a cross on them  
 **Expected Result:** The page should refresh and the icon should be changed to the same icon without a cross on it to indicate that it has been published in the main page. You will be able to see this menu item now when you access the Front-end.
- c. **Sub Action:** Try clicking the links at the bottom of the page.  
 **Expected Result:** You should not be able to click on any of the links at the bottom of the page namely: “Start”, “Previous”, “Next”, “End” until one of the conditions are satisfied:
  -  i. The display number is set to a number that is less than the total number of menus present
  -  ii. Display number is set to a maximum but the number of menus exceeds that
- d. **Sub Action:** Try clicking on one of the arrow buttons under the Reorder column  
 **Expected Result:** The page should refresh and the item for which you clicked the arrow should go up or down the list depending on which arrow you’ve clicked. There should be one arrow for the first and last items displayed and two arrows for the ones in the middle.
- e. **Sub Action:** Fill the text boxes under the Order column with some numbers which signify the order of the listing and click on the button that looks like a floppy disk besides the Order word in the same column  
 **Expected Result:** The page should refresh and the items should be ordered the same way your numbers were written  
Note: If you enter the same number for two elements, then they are moved as a group
- f. **Sub Action:** Click on the word under the Access column  
 **Expected Result:** The page should refresh and will cycle among the following set of user permissions: Registered, Special, Public  
**Note:** Please refer to Joomla Manual to find out what these mean.
- g. **Sub Action:** Roll your mouse over any of the rows in the Type column  
**Expected Result:** A small hover box should appear that says something related to the type that is displayed there. For example, if the type is Link URL it should say: “Creates url link” should appear.  
 **Note:** If the hover box is not displayed, check to see if Javascript is disabled in your browser
- h. **Sub Action:** Roll your mouse over any of the rows in the Type column and try clicking on the word that is shown  
 **Expected Result:** Nothing should happen.  
**Note:** This functionality was intentional.
- i. **Sub Action:** Click on one or more checkboxes to the left of the Menu items and then click on Publish button at the top of the page  


**Expected Result:** The page should refresh and if the item was published, the icon should be changed to the same icon with a cross on it to indicate that it has been unpublished from the main page. You will not be able to see this menu item now when you access the Front-end.

- j.  **Sub Action:** Click on one or more checkboxes to the left of the Menu items and then click on Unpublish button at the top of the page  
**Expected Result:** The page should refresh and if the item was unpublished, the icon should be changed to the same icon without a cross on it to indicate that it has been published from the main page. You will be able to see this menu item now when you access the Front-end.
- k.  **Sub Action:** Click on one or more checkboxes to the left of the Menu items and then click on Move button at the top of the page  
**Expected Result:** You should be directed to a page that has a list to the left. From this list, you should be able to select only one option.
  - i.  Click on the Move button to move the menu item to the selected menu
  - ii.  Click on the Cancel button to cancel this operation and go back to the previous page
- l.  **Sub Action:** Click on one or more checkboxes to the left of the Menu items and then click on Copy button at the top of the page  
**Expected Result:** You should be directed to a page that has a list to the left. From this list, you should be able to select only one option.
  - i.  Click on the Copy button to copy the menu item to the selected menu
  - ii.  Click on the Cancel button to cancel this operation and go back to the previous page
- m.  **Sub Action:** Click on one or more checkboxes to the left of the Menu items and then click on the Trash button at the top of the page  
**Expected Result:** The page should refresh and you should not be able to see the item that you just trashed  
**Note:** There are no confirmation pages for this operation.
- n.  **Sub Action:** Click on one or more checkboxes to the left of the Menu items and then click on the Edit button at the top of the page  
**Expected Result:** The page should refresh and you should be directed to a page where you can set various options for this menu item.  
**Note: If you tried selecting multiple checkboxes and clicked on the Edit button, and expected a page to edit all the items at once, you won't get it. Selecting multiple items does not provide you with an option to edit all the items at once.**
  - i.  **Child Action:** After the above **Sub Action n**, set all the options and click on the Save button.  
**Expected Result:** The actions should be saved and you will be redirected to the page with all the menu items.
  - ii.  **Child Action:** After the above **Sub Action n**, set all the options and click on the Apply button.

**Expected Result:** The actions should be saved and the same page will be displayed with extra options if any.

**Note:** These extra options vary from component to component and hence cannot be described in short

iii. **Child Action:** After the above **Sub Action n**, click on the Cancel button.



**Expected Result:** The actions will not be saved and you will be redirected to the page with all the menu items.

iv. **Child Actions:** After the above **Sub Action n**, click on the Help button.



**Expected Result:** A pop-up window should appear pointing to the page at:  
[http://help.joomla.org/index2.php?option=com\\_content&task=findkey&pop=1  
&keyref=screen.menus.edit](http://help.joomla.org/index2.php?option=com_content&task=findkey&pop=1&keyref=screen.menus.edit)

**Note:** If a popup does not appear, then please check your popup blocker. Opera has a Popup blocker and Firefox too has one. With IE, you shouldn't be facing this problem.

o. **Sub Action:** Click on the "New" button



**Expected Result:** You should be directed to a page that has a variety of options: Content, Components, Miscellaneous, Links, Submit

i. **Child Action:** After the above **Sub Action o**, roll your mouse over any of the items that are present

**Expected Result:** A small hover box should appear that says something related to the item on which you've hovered. For example, if you hovered over "Component", it should say: "Displays the front-end interface for the component."

**Note:** If the hover box is not displayed, check to see if Javascript is disabled in your browser

ii. **Child Action:** After the above **Sub Action o**, click on the Help Button at the top

**Expected Result:** A pop-up window should appear pointing to the page at:  
[http://help.joomla.org/index2.php?option=com\\_content&task=findkey&pop=1  
&keyref=screen.menus.new](http://help.joomla.org/index2.php?option=com_content&task=findkey&pop=1&keyref=screen.menus.new)

**Note:** If a popup does not appear, then please check your popup blocker. Opera has a Popup blocker and Firefox too has one. With IE, you shouldn't be facing this problem.

iii. **Child Action:** After the above **Sub Action o**, click on any of the Radio buttons and then click on the Next Button at the top of the page

**Expected Result:** You should be directed to a page in which you can enter details of the new menu type.

1. **Sub Child Action:** After the above **Sub Action o**, set all the options and click on the Save button.

**Expected Result:** The actions should be saved and you will be redirected to the page with all the menu items.

2. **Sub Child Action:** After the above **Sub Action o**, set all the options and click on the Apply button.

**Expected Result:** The actions should be saved and the same page will be displayed with extra options if any.

**Note:** These extra options vary from component to component and hence cannot be described in short

3. **Sub Child Action:** After the above **Sub Action o**, click on the Cancel button.

**Expected Result:** The actions will not be saved and you will be redirected to the page with all the menu items.

4. **Sub Child Actions:** After the above **Sub Action o**, click on the Help button.

**Expected Result:** A pop-up window should appear pointing to the page at:

[http://help.joomla.org/index2.php?option=com\\_content&task=findkey&pop=1&keyref=screen.menus.edit](http://help.joomla.org/index2.php?option=com_content&task=findkey&pop=1&keyref=screen.menus.edit)

**Note:** If a popup does not appear, then please check your popup blocker. Opera has a Popup blocker and Firefox too has one. With IE, you shouldn't be facing this problem.

5. **Sub Child Action:** After the above **Sub Action o**, click on the Back button.

**Expected Result:** The actions will not be saved and you will be redirected to the previous page with all the menu type in which you can select another type again.