

Test Plan

Final Version

PHP Group Ware Project

ICS 125

Summer 2002 – 10-Week Session

Professor Hadar Ziv

Team 10 – Project X

<http://tina.alinaghian.com/ics125/index.html>

Tina Alinaghian (57291129)

Patrick Walsh (91105649)

Fang Ming Lo (52013421)

Austin Lee (50792270)

Siu Leung (51390400)

TABLE OF CONTENTS

SECTION 1: TEST CASE PLAN.....3

 UNIT TESTING3

 INTEGRATION TESTING.....7

 SYSTEM TESTING 11

SECTION 1: TEST CASE PLAN

Unit Testing

Test Case ID	Items being Tested	Input(s)	Expected Outputs	Actual Outputs
1	ManagePages() in Contributor_ManagePage_UI	None	Category Managing Page should be generated.	Correct!
2	EditPage() in Contributor_ManagePage_UI	Category ID and Page ID	Page Editor page should be generated	Correct!
3	GetPermittedCategoryIDList() in Categories.BO	None	An array of category ids	Correct!
4	can_read_page(\$page_id) in ACL_BO	Page ID	True, if the contributor has permission to read the page. Else, return false	Correct!
5	can_write_page(\$page_id) in ACL.BO	Page ID	True, if the contributor has the permission to write	Removed from implementation
6	GetFullCategoryIDList() in Categories.SO	None	An array of category ids	Correct!
7	GetPageIDList(\$cat_id) in Pages.BO	Category ID	Array of page IDs	Correct!
8	AddPage(\$cat_id)in Pages.BO	Category ID	Return new page id, which is created in DB.	Correct!
9	RemovePage(\$cat_id) in Pages.BO	Category ID	True, if the page is removed, else False	Correct!
10	GetPage(\$page_id) in Pages.BO	Page ID	A Page class, which the page id.	Correct!
11	SavePageInfo(\$page) in Pages.BO	Page class	True, if the page class is saved in the data backend. Else, False	Correct!
12	GetPageIDList(\$cat_id) in	Category ID	Array of available pages	Correct!

	Pages.SO		under the category id.	
13	AddPage(\$cat_id) in Pages.SO	Category ID	New page id created in DB	Correct!
14	RemovePage(\$page_id) in Pages.SO	Page ID	The query call from the DB	Correct!
15	GetPage(\$page_id) in Pages.SO	Page ID	If the page id exists, a page class with the page ID. Else, return False.	Correct!
16	SavePage(\$page) in Pages.SO	Page class	True, if the page class is saved.	Correct!
17	ChangeTheme () in Admin.PHPNuke.UI	None	Theme selection page should appear.	Implemented in next version
18	SelectBlocks () in Admin.PHPNuke.UI	None	Blocks managing page should appear.	Implemented in next version
19	is_admin() in ACL.BO	None	Allow the user to go to the request page.	Correct!
20	GetLeftBlocks() in Blocks.Bo	None	The left side blocks should be displayed in the block selection page.	Implemented in next version
21	GetRightBlocks() in Blocks.Bo	None	The right side blocks should be displayed in the block selection page.	Implemented in next version
22	GetAvailableBlocks() in Blocks.BO	None	Blocks information should be retrieved from the database. Either blocks are available or blocks can't be retrieved.	Implemented in next version
23	SetBlock(\$filename, \$side, \$position): Boolean in Blocks.BO	Block filename, Side (left/right), Position on side (1-X)	Blocks should be displayed in the way as the administrator assigns them.	Implemented in next version
24	GetSiteHeader() in HeaderFooter.BO	Variable call.	The current header of the site should be displayed in	Correct!, displays "Team

			the text field.	X project."
25	GetSiteFooter() in HeaderFooter.BO	Variable call.	The current footer of the site should be displayed in the text field.	Correct!, displays "Copyrighted 2002"
26	SetSiteHeader() in HeaderFooter.BO	Header (Team X project)	The Administrator's input in the header text field should be displayed in the final generated page.	Correct!, displays "Team X project."
27	SetSiteFooter() in HeaderFooter.BO	Footer (Copyrighted 2002)	The Administrator's input in the footer text field should be displayed in the final generated page.	Correct!, displays "Copyrighted 2002"
28	SetTheme() in Theme.BO	Information of Theme	The site should be looked like the theme the administrator selected.	Implemented in next version
29	GetTheme() in Theme.BO.	Information of Theme	The Theme selected by the administrator should be retrieved.	Implemented in next version
30	GetAvailableTheme() in Theme.BO	None	The themes in the database should be retrieved or a error message should be displayed	Implemented in next version
31	GetLeftBlocks() in Blocks.SO	None	The chosen block should be retrieved from the database.	Implemented in next version
32	GetRightBlocks() in Blocks.SO	None	The chosen block should be retrieved from the database.	Implemented in next version
33	SetBlock() in Blocks.SO	None	The block selection setting set by the administrator should be saved into the database.	Implemented in next version
34	SetPreference(\$name, \$value:	name and	The preference set by the	Correct!

	String) SitePreference.SO	value	administrator should be saved into the database.	
35	GetPreference(\$name) SitePreference.SO	Name	The requested preference should be retrieved from the database then returned to the admin	Correct!

Integration Testing

Test Case ID	Items being Tested	Input(s)	Expected Output(s)	Actual Output(s)
1	Add new category	<ol style="list-style-type: none"> Go to the "Manage Categories" page in the administrative section of the website. Select "Add new Category" link Fill in all the fields with "valid" inputs. Click "Save" button. 	<ol style="list-style-type: none"> The newly added category should be available (either read and/or write) to all the groups/individuals who were given those access permissions. The category should NOT be available (either read and/or write) to groups/individuals who are not given those access permissions. The name of the category should be listed in the Administrative Category Management page so that the administrator can edit the categories settings and/or permissions. 	<ol style="list-style-type: none"> Correct! Correct! Correct!
2	Edit Category	<ol style="list-style-type: none"> Go to the "Manage Categories" page in the administrative section of the website. Select "Edit Category" link 	<ol style="list-style-type: none"> The edited category should be available (either read and/or write) to all the groups/individuals who were given those 	<ol style="list-style-type: none"> Correct! Correct! Correct!

		<ol style="list-style-type: none"> 3. Edit all fields w/ correct inputs 4. Click "Save" button. 	<ol style="list-style-type: none"> access permissions. 2. The category should NOT be available (either read and/or write) to groups/individuals who are not given those access permissions. 3. The new name and description of the category should be listed in the Administrative Category Management page so that the administrator can edit the categories settings and/or permissions. 	
3	Delete Category	<ol style="list-style-type: none"> 1. Go to the "Manage Category" page in the administrative section of the website. 2. Select "Delete Category" for a category. 3. An alert box should pop up; hit "ok" to delete the category. 	<ol style="list-style-type: none"> 1. The category should be removed from the phpGroupWare database. 2. All pages contributed to the category should also be removed. 3. The category should no longer be listed on the contributor page, nor should it be listed in the Administrative Category Management Page. 	<ol style="list-style-type: none"> 1. Correct! 2. Correct! 3. Correct!
4	Header / Footer Change	<ol style="list-style-type: none"> 1. Request for header/footer page. 	<p>Header: Team X project.</p> <p>Footer: Copy righted 2002</p>	<p>Header: Team X</p>

		<ol style="list-style-type: none"> 2. Do a permission checks. 3. After permission is checked, header/footer editing page appears. 4. Input "Team X project" into header text field and "Copy righted 2002" into footer text field. Then save it. 		<p>project.</p> <p>Footer: Copyrighted 2002</p>
5	Select Blocks Page	<ol style="list-style-type: none"> 1. Request for block selection. 2. Do a permission checks. When permission is checked, the selection page shows up, block list has been retrieved from the database. 3. The admin changes the selections. 	The blocks in the final generated page should look like the one the admin positioned	Implemented in next version
6	Theme Selection page	<ol style="list-style-type: none"> 1. Request for theme selection page. Permission checks. 2. When the permission is granted, the theme list would be loaded from the database. 3. The Admin can choose the desired theme for the site. 	The theme of the site should be exactly the same as the one choose by the admin.	Implemented in next version
7	Add new page	<ol style="list-style-type: none"> 1. Click add new page button in the category-managing page. 2. Provide the content of the page in the page managing page. 	<ol style="list-style-type: none"> 1. The new added page should be viewable to the contributor. 2. The name of the page should be included in the list of pages in the 	<ol style="list-style-type: none"> 1. Correct! 2. Correct!

		3. Click "Save" button.	category in category-managing page.	
8	remove a page	Clicking "Remove" button in category-managing page.	<p>1. The removed page should be removed from phpGroupWare data backend.</p> <p>2. The removed page name should be removed from the list of pages in the category.</p>	<p>1. Correct!</p> <p>2. Correct!</p>
9	Edit a page	<p>1. Click "Edit" button next to the page name in category managing page.</p> <p>2. Edit the content of the page.</p> <p>3. Click "Save" button.</p>	<p>1. After the Edit button is clicked, the page editor page should be generated.</p> <p>2. After clicking "Save" button, the edited page should be appeared in a separate window with confirmation.</p>	<p>1. Correct!</p> <p>2. Correct!</p>

System Testing

Test Case ID	Items being Tested	Input(s)	Expected Output(s)	Actual Output(s)
1	Contributor_ManagePage_UI	Go to the category managing page.	Category managing page should be generated with list of categories and the list of the pages.	Correct!
2	Contributor_ManagePage_UI	Go to the category managing page. Click "Add new page" or "Edit" button.	After clicking "Add new page" or "Edit" button, the page managing page should be viewable with proper content.	Correct!
3	add page functions in Pages_BO, Pages_SO & ACL_BO	Add number of pages.	The titles of the pages should be added to the category. The write permission of the contributor should be checked whenever a page is added.	Correct!
4	Editing page functions in Pages_BO, Pages_SO & ACL_BO	Edit a page	The write permission of the contributor should be check before the page managing page is viewable. The edited page should be changed to the edited information.	Correct!
5	Removing a page in Pages_BO, Pages_SO & ACL_BO	Remove a page	The write & read permission of the contributor should be checked whenever a page is removed from the category.	Correct!

			<p>The page title should be removed from the category in the category-managing page.</p> <p>The page should not be viewable.</p>	
6	Admin_PHPNuke_UI	Select Blocks selection page.	The blocks list should be generated and the selection and position pull down menu should be displayed next to each block	Implemented in next version
7	Setblocks() in both Block_BO and Block_SO	Save blocks setting.	The Blocks setting should be saved into the database. And the displayed blocks should be displayed as the way they are positioned.	Implemented in next version
8	theme list database retrieval in both Theme_BO and Theme_SO	Retrieve the theme list from the database.	The Permission should be checked before the retrieving process. The list will then retrieve and generate for the admin to use;	Implemented in next version
9	blocks data retrieval in both Blocks_BO and Blocks_SO	Retrieve the block list from the database	Before the retrieving process, the permission of the user will be checked. The block list will then retrieve and allow the user to select them.	Implemented in next version
10	save theme function in both Theme_BO and Theme_SO	Select a theme and then save it.	The theme will be saved into the database. The display page should display the same theme as selected.	Implemented in next version

			When the saved theme is called, the saved theme should be retrieved and returned to the user's screen.	
--	--	--	--------------------------------------------------------------------------------------------------------	--