

IS 226 Project: Use Cases
For
stepostr- a Step by Step Topic Documentation Content Resource Management (CRM)
Web Platform

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Release Information

Project:	stepostr- a Step by Step Topic Documentation Content Resource Management (CRM) Web Platform
Internal release number:	1.0.0
Related documents:	Software Requirement Specification (SRS) Use Case Suite Feature Set Features

Default Aspect of All Use Cases

Direct Actors:	<p>User – they could either be one time or regular visitors who browses the site to read published pages.</p> <p>Administrator – they basically maintain and configure the web site. They also maintain the accounts of those who can manage the web site and publish pages.</p> <p>Contributor – they are special type of users who can login to the administrative area of the site but they only have limited rights which includes managing posts or pages and their own account.</p>
Stakeholders:	Faculty in charge and the owner (student)
Pre-requisites:	Aside from the Site Navigation and login use cases, the actor (administrator or contributor) should be logged-in.

Site Navigation Use Cases

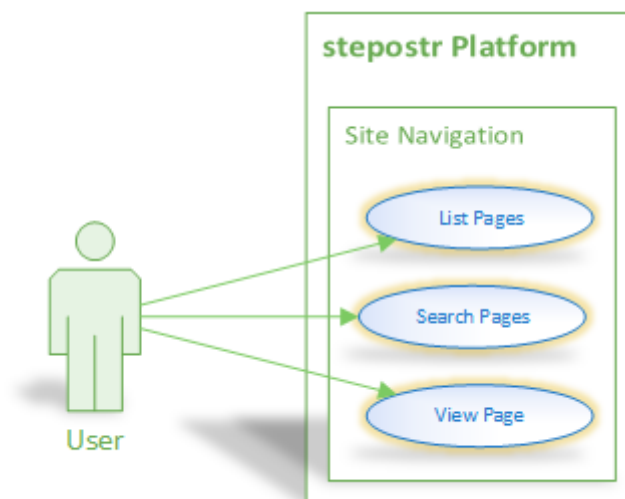


Figure 1: Site Navigation Use Cases

UC-01: List Pages



Figure 2: List Pages Activity Diagram

Summary:	The user or the visitor navigates to the home page or to a specific category and have the pages' title and introduction listed from latest to oldest.
Priority:	Essential
Use Frequently:	Always
Direct Actors:	User
Main Success Scenario:	<ol style="list-style-type: none">1. Visit the site's homepage and see the list of newly added pages regardless of category. <p>And</p> <ol style="list-style-type: none">1. Click a specific category from the home page or directly visit a specific category (via its url) and see the list of pages under the category.
Alternative Scenario Extensions:	

UC-02: Search Pages

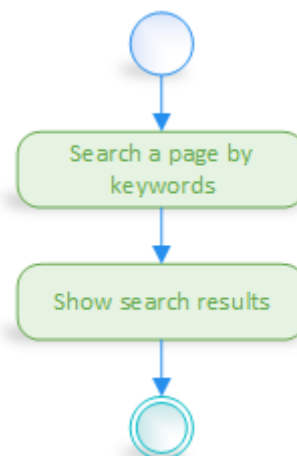


Figure 3: Search Pages Activity Diagram

Summary:	The user or the visitor key in keywords to be searched and the system will show a search result page containing the list of pages related to the keywords.
Priority:	Essential
Use Frequently:	Always
Direct Actors:	User
Main Success Scenario:	<ol style="list-style-type: none"> 1. Visit any page from the site. 2. Key-in keywords in the search text box. 3. Click the search button. 4. Search result page should be shown showing the pages related with the keywords.
Alternative Scenario Extensions:	

UC-03: View Page

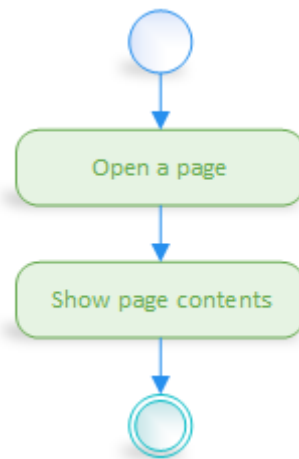


Figure 4: View Page Activity Diagram

Summary:	The user or the visitor clicks a page title from the page list or search result and will be redirected to a page that shows its full content.
Priority:	Essential
Use Frequently:	Always
Direct Actors:	User
Main Success Scenario:	<ol style="list-style-type: none"> 1. Click a page from the page list or search result. 2. The clicked page's dedicated page should open containing the page's full details. <p>And</p> <ol style="list-style-type: none"> 1. Directly visit a page and its full details should be shown.
Alternative Scenario Extensions:	

Account Management Use Cases

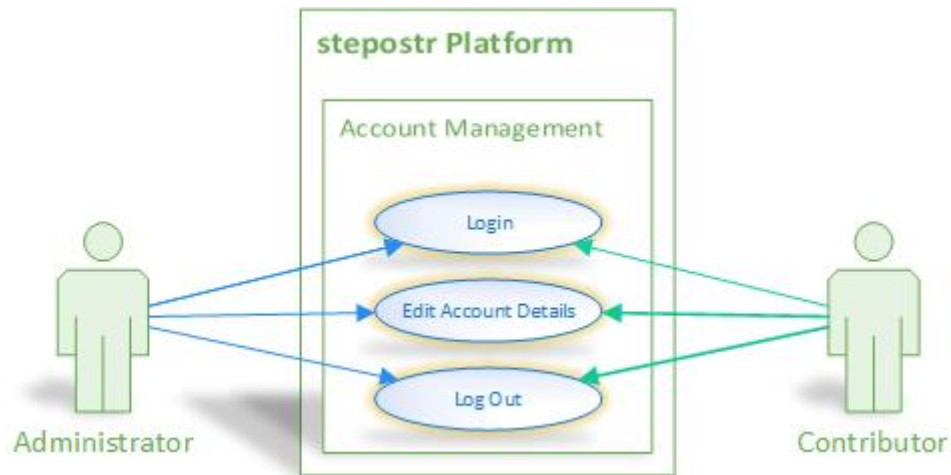


Figure 5: Account Management Use Cases

UC-04: Login

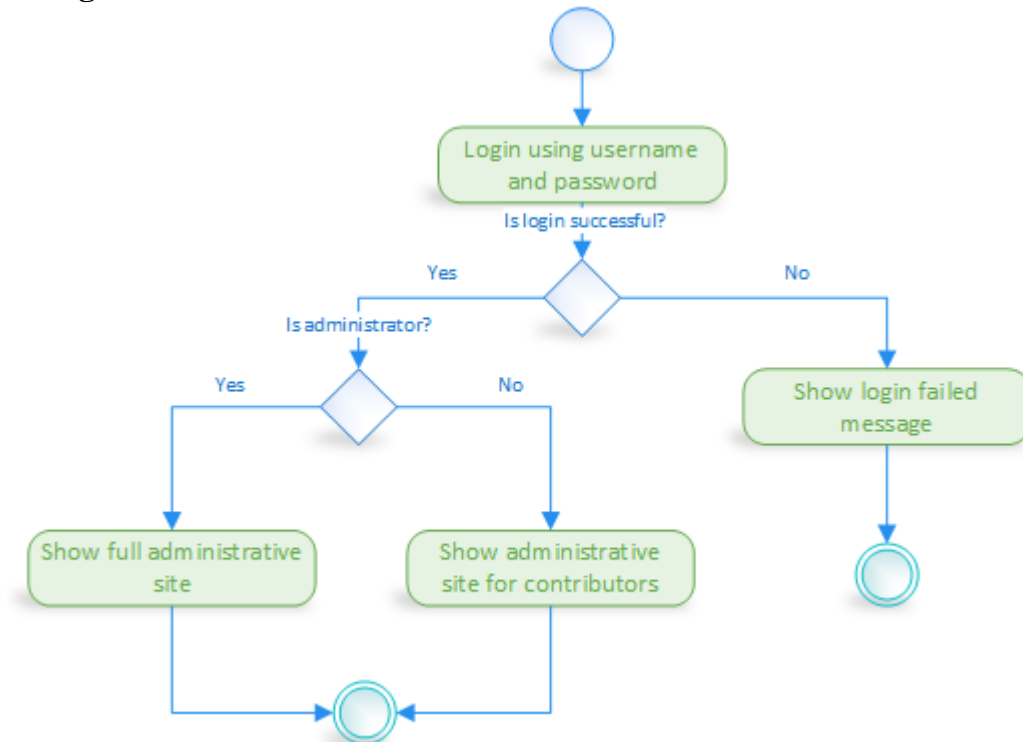


Figure 6: Login Activity Diagram

Summary:	The administrator or the contributor logs in to the administrative section of the platform.
Priority:	Essential
Use Frequently:	Always
Direct Actors:	Administrator, Contributor
Main Success Scenario:	<ol style="list-style-type: none"> 1. Navigate to the site's administrative section without an existing session. 2. Login page should show. 3. Provide a valid username and password and press enter.

	4. You should be redirected to the administrative section.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. Navigate to the site's administrative section without an existing session. 2. Login page should show. 3. Provide an invalid username and password and press enter. 4. The page should display an "Invalid username and \ or password" error message.

UC-05: Edit Account Details

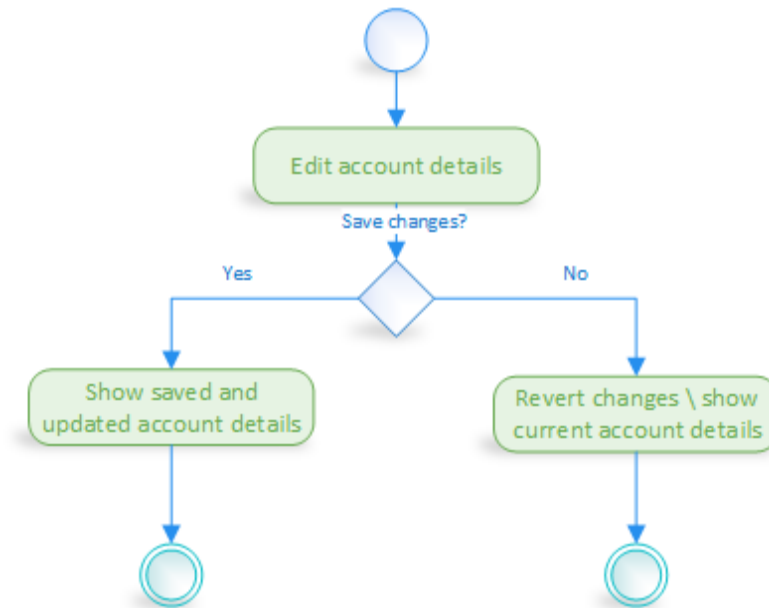


Figure 7: Edit Account Details Activity Diagram

Summary:	The administrator or the contributor modifies his \ her account details.
Priority:	Essential
Use Frequently:	Sometimes
Direct Actors:	Administrator, Contributor
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the account management section. 2. Modify any or all of the account details. 3. Click save button. 4. The details should be saved in the database and the modified details should be shown in account management section.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the account management section. 2. Modify any or all of the account details. 3. Click cancel button. 4. All changes should reset and the details prior to the modification (from number 2) should be shown in account management section.

UC-06: Log Out

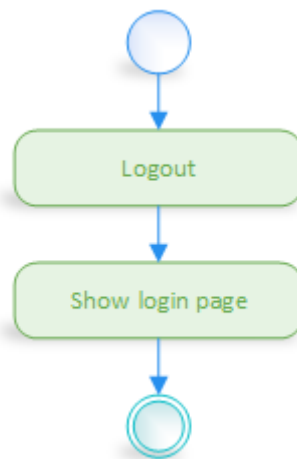


Figure 8: Log Out Activity Diagram

Summary:	The administrator or the contributor logs out from the administrative section of the platform.
Priority:	Essential
Use Frequently:	Always
Direct Actors:	Administrator, Contributor
Main Success Scenario:	<ol style="list-style-type: none">1. While logged-in in the administrative section of the platform, click the log out button.2. You should be successfully logged-out and redirected to a confirmation page or to the login page.
Alternative Scenario Extensions:	

Site Configuration Use Cases

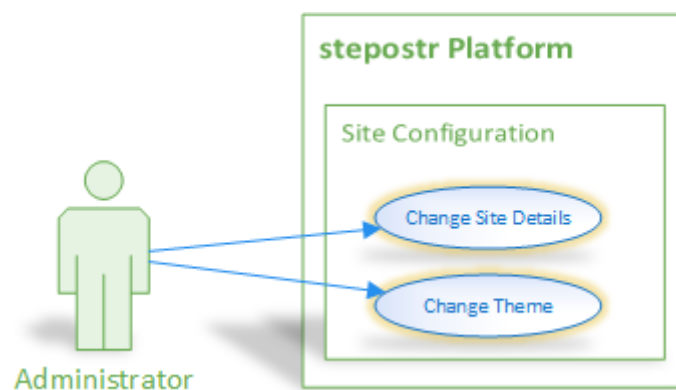


Figure 9: Site Configuration Use Cases

UC-07: Change Site Details

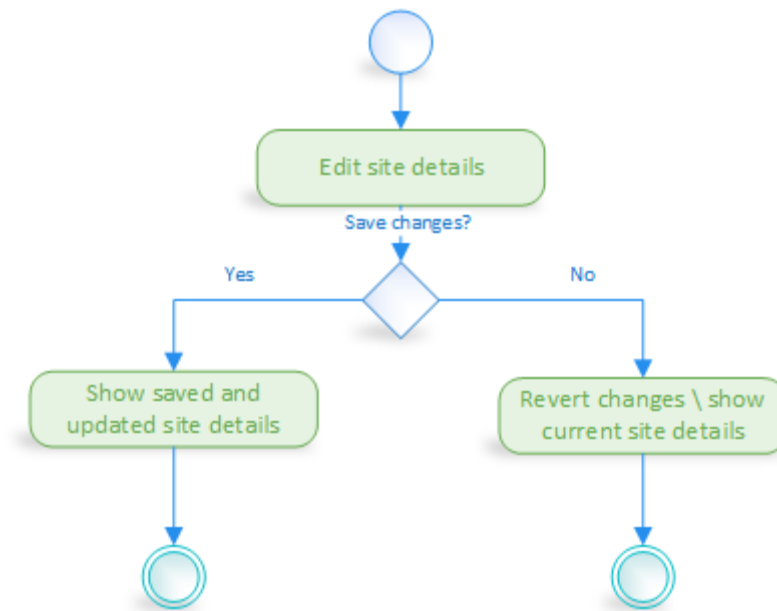


Figure 10: Change Site Details Activity Diagram

Summary:	The administrator changes the details of the site.
Priority:	Essential
Use Frequently:	Sometimes
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the site configuration section. 2. Modify the site's details. 3. Click save button. 4. The details should be saved in the database and the modified details should be shown in site configuration section. 5. When a user navigates to the site navigation (public) section of the platform, the new details should show.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the site configuration section. 2. Modify the site's details. 3. Click cancel button. 4. All changes should reset and the details prior to the modification should be shown in site configuration section. 5. When a user navigates to the site navigation (public) section of the platform, the details prior to the modification (from number 2) should show.

UC-08: Change Theme

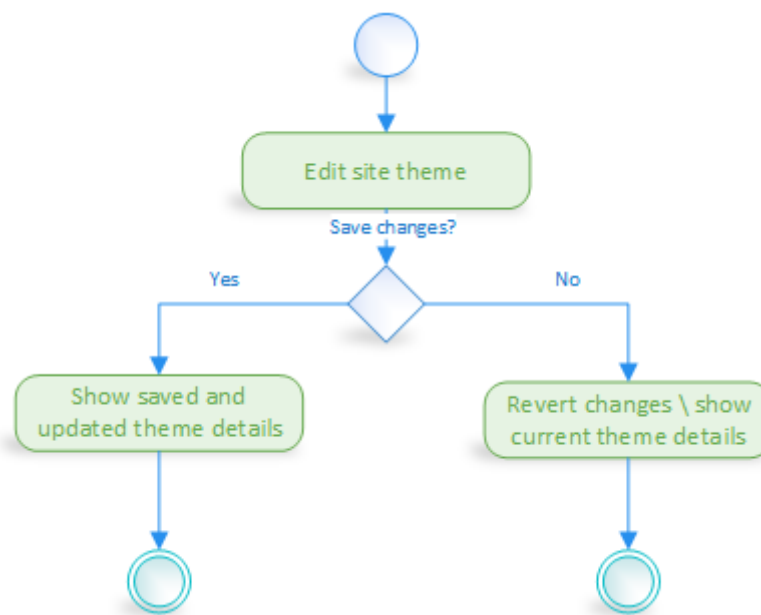


Figure 11: Change Theme Activity Diagram

Summary:	The administrator changes the theme of the site.
Priority:	Essential
Use Frequently:	Sometimes
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the site configuration section. 2. Modify the site's theme configuration. 3. Click save button. 4. The details should be saved in the database and the modified details should be shown in site configuration section. 5. When a user navigates to the site navigation (public) section of the platform, the new theme configuration should take in effect.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the site configuration section. 2. Modify the site's theme configuration. 3. Click cancel button. 4. All changes should reset and the details prior to the modification should be shown in site configuration section 5. When a user navigates to the site navigation (public) section of the platform, the theme configuration prior to the modification (from number 2) should take in effect.

Contributors Management Use Cases

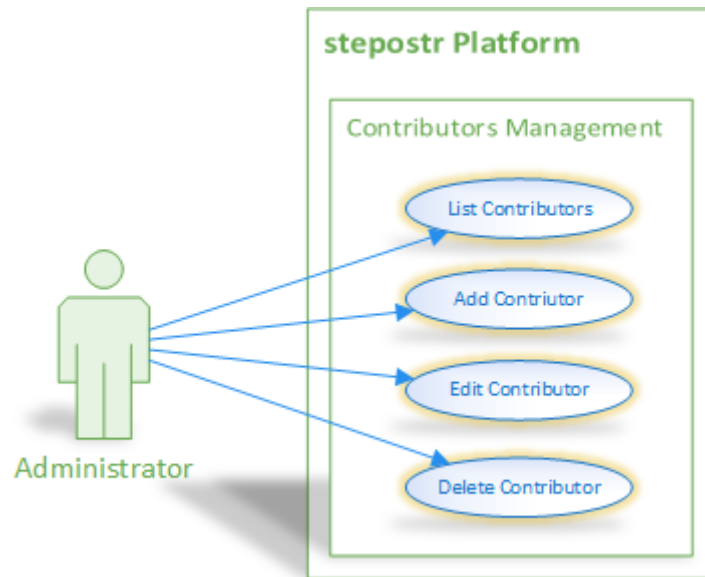


Figure 12: Contributors Management Use Cases

UC-09: List Contributors

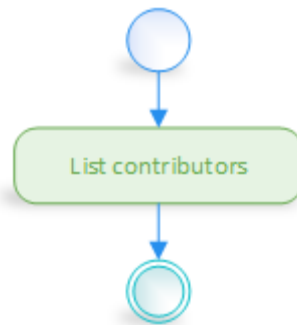


Figure 13: List Contributors Activity Diagram

Summary:	The administrator lists the contributor accounts.
Priority:	Expected
Use Frequently:	Often
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the contributors management section. 2. The list of contributors account should be shown.
Alternative Scenario Extensions:	

UC-10: Add Contributor

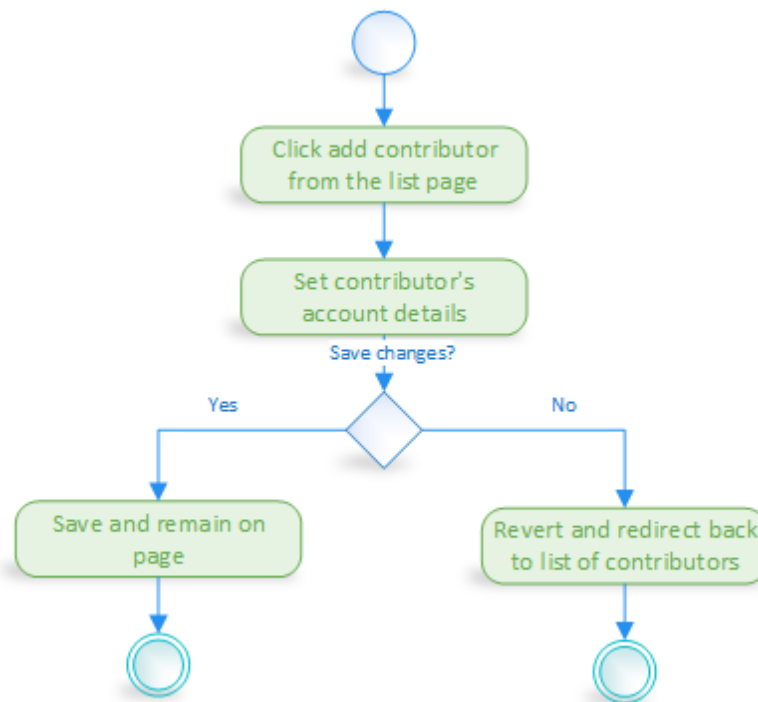


Figure 14: Add Contributor Activity Diagram

Summary:	The administrator adds a new contributor account.
Priority:	Expected
Use Frequently:	Sometimes
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the contributors management section. 2. Click the add button from the list of contributors account page. 3. On the account details page, provide the contributor account information. 4. Click save button. 5. The new contributor account should be saved in the database and the contributors list should show the new contributor account. 6. The new contributor should be able to login to the administrative section of the platform.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the contributors management section. 2. Click the add button from the list of contributors account page. 3. On the account details page, provide the contributor account information. 4. Click cancel button. 5. The changes should not be saved and the contributors list should not show the contributor account.

UC-11: Edit Contributor

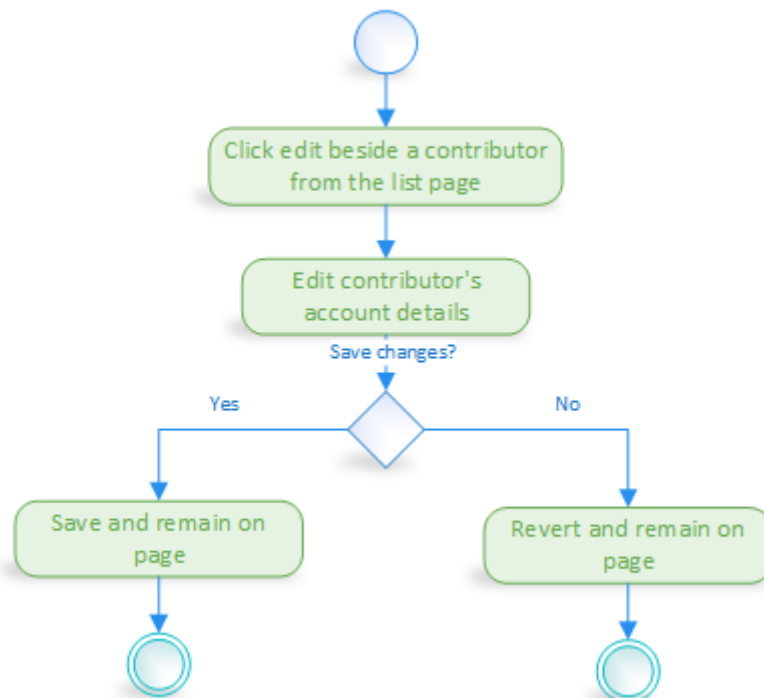


Figure 15: Edit Contributor Activity Diagram

Summary:	The administrator edits an existing contributor account.
Priority:	Expected
Use Frequently:	Sometimes
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the contributors management section. 2. Click a contributor from the list of contributors account page. 3. On the account details page, modify the contributor account information. 4. Click save button. 5. The modified contributor account should be saved in the database and the contributors list should show the modified contributor account. 6. The contributor should be able to login to the administrative section of the platform using his \ her modified login information and \ or should be able to see the changes on his \ her account once logged-in.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the contributors management section. 2. Click a contributor from the list of contributors account page.

	<ol style="list-style-type: none"> On the account details page, modify the contributor account information. Click cancel button. The changes should not be saved in the database and the contributors list should show the contributor account prior to modifications (from number 3). The contributor should be able to login to the administrative section of the platform using his \ her current login information and \ or should be able to see the details on his \ her account once logged-in prior to modifications (from number 3).
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UC-12: Delete Contributor

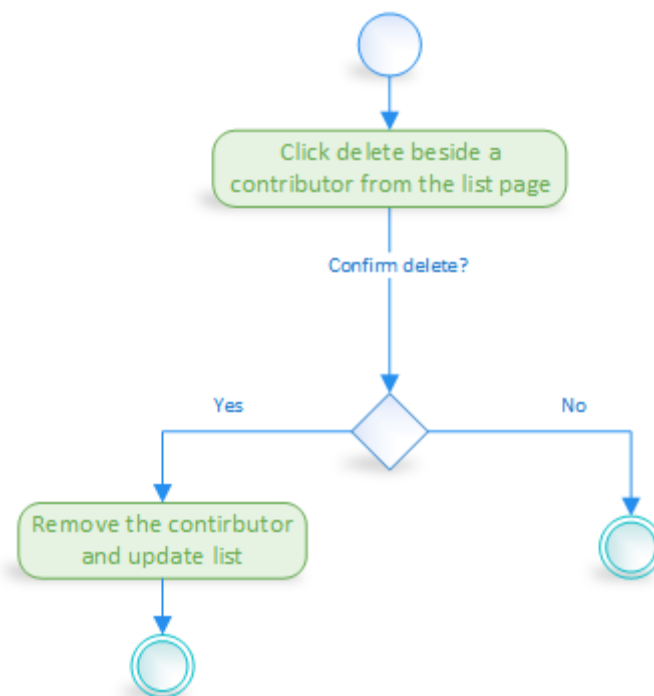


Figure 16: Delete Contributor Activity Diagram

Summary:	The administrator deletes an existing contributor account.
Priority:	Expected
Use Frequently:	Sometimes
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none"> While logged-in in the administrative section of the platform, navigate to the contributors management section. Select a contributor from the list of contributors account page. Click delete button. Agree \ proceed with the deletion confirmation. The deleted contributor account should be removed from the database and the contributors list should not show the deleted contributor account.

	6. The contributor should not be able to login to the administrative section of the platform.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the contributors management section. 2. Select a contributor from the list of contributors account page. 3. Click delete button. 4. Disagree with \ cancel the deletion confirmation. 5. The deletion process should stop and the contributor account should not be removed from the database and the contributors list should still show the contributor account. 6. The contributor should still be able to login to the administrative section of the platform.

Categories Management Use Cases

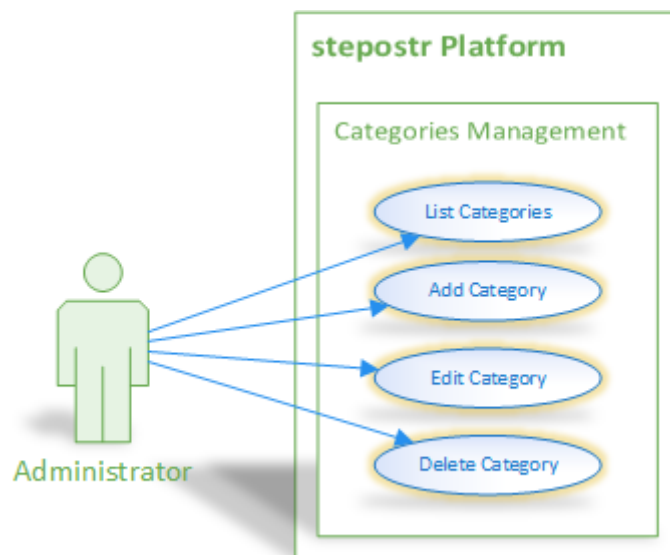


Figure 17: Categories Management Use Cases

UC-13: List Categories



Figure 18: List Categories Activity Diagram

Summary:	The administrator lists the categories.
Priority:	Essential
Use Frequently:	Often
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none">1. While logged-in in the administrative section of the platform, navigate to the categories management section.2. The list of categories should be shown.
Alternative Scenario Extensions:	

UC-14: Add Category

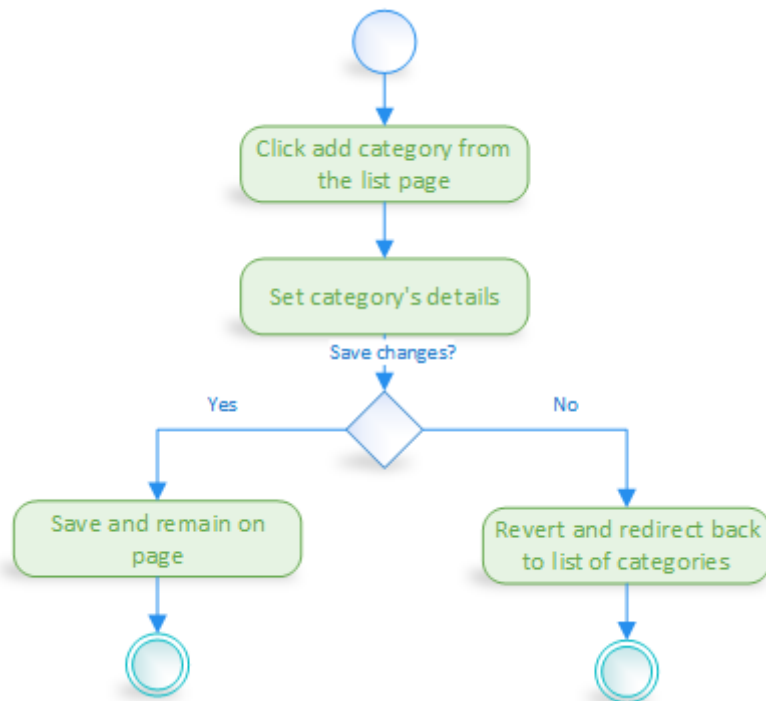


Figure 19: Add Category Activity Diagram

Summary:	The administrator adds a new category.
Priority:	Essential
Use Frequently:	Sometimes
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none">1. While logged-in in the administrative section of the platform, navigate to the category management section.2. Click the add button from the list of categories page.3. On the category details page, provide the category information.4. Click save button.5. The new category should be saved in the database and the categories list should show the new category.6. The new category should be available and accessible in the site navigation (public) section of the platform.

Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the category management section. 2. Click the add button from the list of categories page. 3. On the category details page, provide the category information. 4. Click cancel button. 5. The changes should not be saved and the categories list should not show the category.
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UC-15: Edit Category

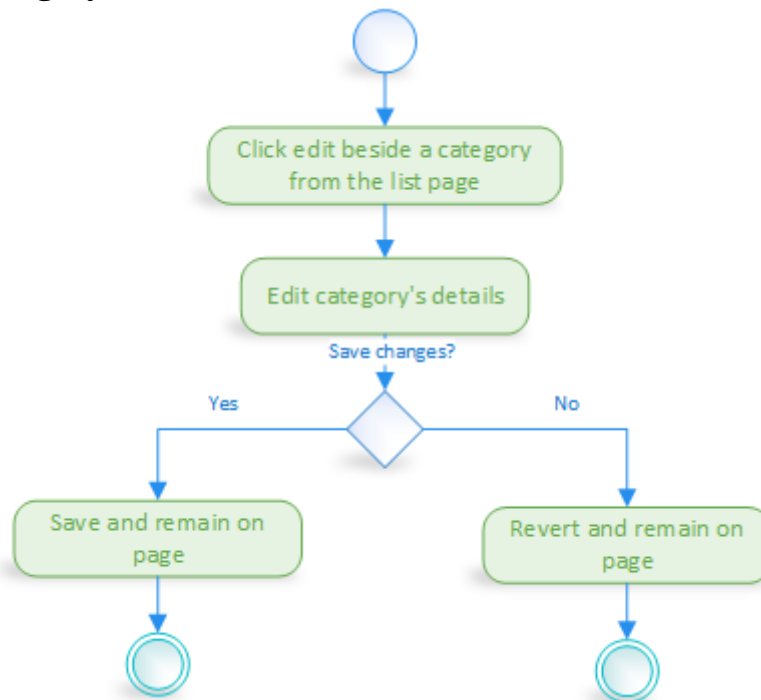


Figure 20: Edit Category Activity Diagram

Summary:	The administrator edits an existing category.
Priority:	Expected
Use Frequently:	Sometimes
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the category management section. 2. Click a category from the list of categories page. 3. On the category details page, modify the category information. 4. Click save button. 5. The modified category should be saved in the database and the categories list should show the modified category. 6. The modified category should be available and accessible in the site navigation (public) section of the platform.

Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the category management section. 2. Click a category from the list of categories page. 3. On the category details page, modify the category information. 4. Click cancel button. 5. The changes should not be saved in the database and the categories list should still show the category details prior to modifications (from number 3). 6. The category information prior to modifications (from number 3) should still be available and accessible in the site navigation (public) section of the platform.
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UC-16: Delete Category

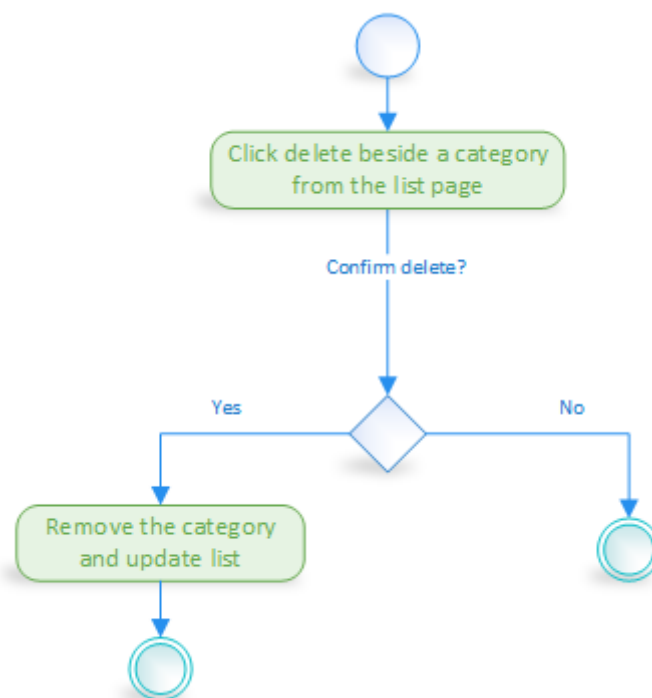


Figure 21: Delete Category Activity Diagram

Summary:	The administrator deletes an existing category.
Priority:	Expected
Use Frequently:	Sometimes
Direct Actors:	Administrator
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the category management section. 2. Select a category from the list of categories page. 3. Click delete button. 4. Agree \ proceed with the deletion confirmation. 5. The deleted category should be removed from the database and the categories list should not show the deleted category.

	6. The deleted category should not be available and accessible in the site navigation (public) section of the platform.
Alternative Scenario Extensions:	1. While logged-in in the administrative section of the platform, navigate to the category management section. 2. Select a category from the list of categories page. 3. Click delete button. 4. Disagree with \ cancel the deletion confirmation. 7. The deletion process should stop and the category should not be removed from the database and the categories list should show the category. 5. The category should be available and accessible in the site navigation (public) section of the platform.

Pages Management Use Cases

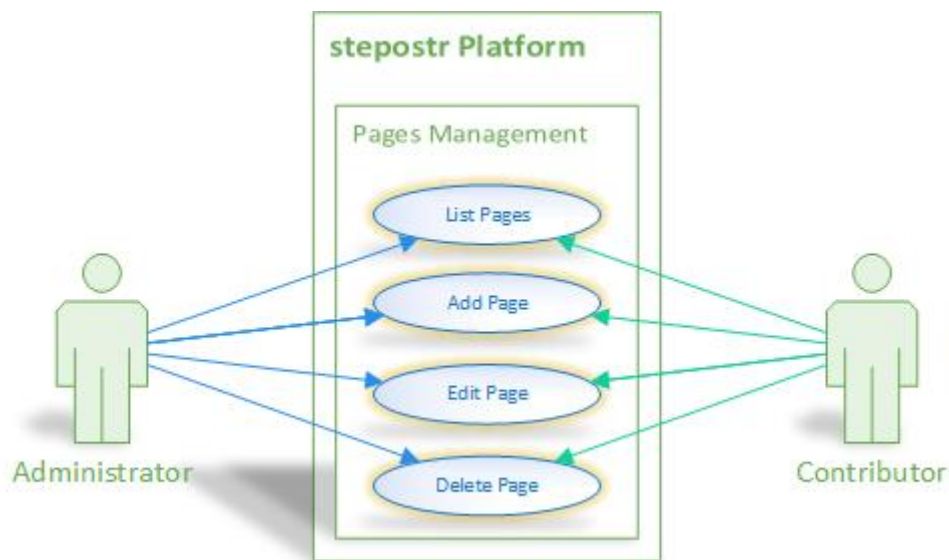


Figure 22: Pages Management Use Cases

UC-17: List Pages



Figure 23: List Pages Activity Diagram

Summary:	The administrator or the contributor lists the pages.
Priority:	Essential
Use Frequently:	Often
Direct Actors:	Administrator, Contributor
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the pages management section. 2. The list of pages should be shown.
Alternative Scenario Extensions:	

UC-18: Add Page

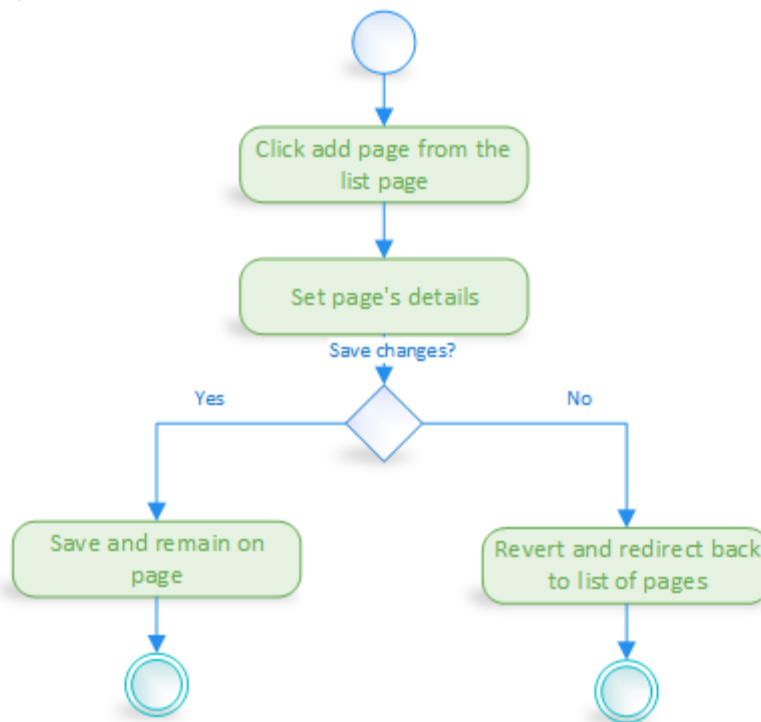


Figure 24: Add Page Activity Diagram

Summary:	The administrator or the contributor adds a new page.
Priority:	Essential
Use Frequently:	Often
Direct Actors:	Administrator, Contributor
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the pages management section. 2. Click the add button from the list of pages. 3. On the page details, provide the page information. 4. Click save button. 5. The new page should be saved in the database and the pages list should show the new page. 6. The new page should be available and accessible in the site navigation (public) section of the platform.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the pages management section. 2. Click the add button from the list of pages.

	<ol style="list-style-type: none"> 3. On the page details, provide the page information. 4. Click cancel button. 5. The changes should not be saved and the pages list should not show the page.
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UC-19: Edit Page

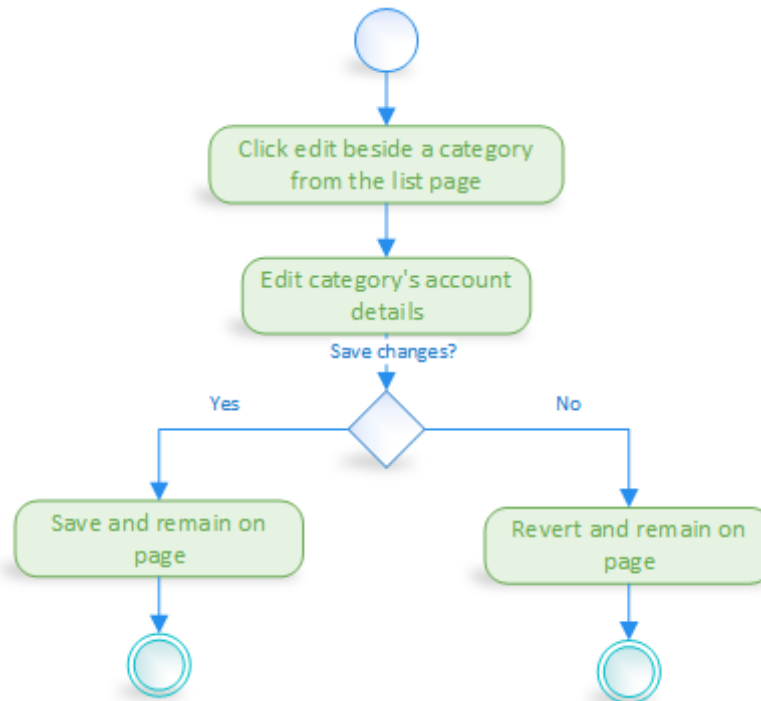


Figure 25: Edit Page Activity Diagram

Summary:	The administrator or the contributor edits an existing page.
Priority:	Expected
Use Frequently:	Sometimes
Direct Actors:	Administrator, Contributor
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the pages management section. 2. Click a page from the list of pages. 3. On the page details, modify the page information. 4. Click save button. 5. The modified page should be saved in the database and the pages list should show the modified page. 6. The modified page should be available and accessible in the site navigation (public) section of the platform.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the pages management section. 2. Click a page from the list of pages. 3. On the page details, modify the page information. 4. Click cancel button. 5. The changes should not be saved in the database and the pages list should show the page details prior to modifications (from number 3).

	6. The page prior to modifications (from number 3) should be available and accessible in the site navigation (public) section of the platform.
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UC-20: Delete Page

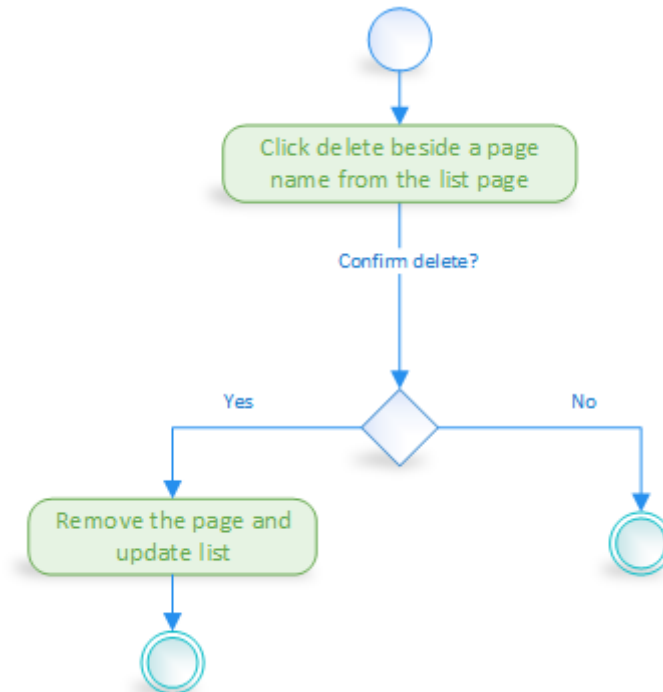


Figure 26: Delete Page Activity Diagram

Summary:	The administrator or contributor deletes an existing page.
Priority:	Expected
Use Frequently:	Rarely
Direct Actors:	Administrator, Contributor
Main Success Scenario:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the pages management section. 2. Select a page from the list of pages. 3. Click delete button. 4. Agree \ proceed with the deletion confirmation. 5. The deleted page should be removed from the database and the pages list should not show the deleted page. 6. The deleted page should not be available and accessible in the site navigation (public) section of the platform.
Alternative Scenario Extensions:	<ol style="list-style-type: none"> 1. While logged-in in the administrative section of the platform, navigate to the pages management section. 2. Select a page from the list of pages. 3. Click delete button. 4. Disagree with \ cancel the deletion confirmation. 7. The deletion process should stop and the page should not be removed from the database and the pages list should still show the page. 5. The page should still be available and accessible in the site navigation (public) section of the platform.

