

Use Case: AdminLogin
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is not already logged in.
Primary Flow: 1. The use case starts when an Administrator visits the Admin Page. 2. The Administrator is presented with a login dialog, where he is requested to enter his username and password. 3. The Administrator enters and submits his credentials. 4. The system redirects the Administrator to the Admin Dashboard. 5. Scenarios: 6. AdminLoginInvalidCredentials 7. AdminLoginMissingUsername 8. AdminLoginMissingPassword
Post-Conditions: 1. The Administrator is now logged in.

Use Case: AdminLogin Secondary Scenario: AdminLoginInvalidCredentials
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminLogin use case, when the Administrator provides invalid credentials. 2. The system presents the Administrator with an Error Dialog, informing him that the specified credentials were not recognized. 3. The system re-prompts the Administrator for his authentication credentials (Use Case: AdminLogin).

Use Case: AdminLogin Secondary Scenario: AdminLoginMissingUsername
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminLogin use case, when the Administrator does not provide a username. 2. The system presents the Administrator with an Error Notification, informing him that he did not enter his username. 3. The system re-prompts the Administrator for his authentication credentials (Use Case: AdminLogin).

Use Case: AdminLogin Secondary Scenario: AdminLoginMissingPassword
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminLogin use case, when the Administrator does not provide a password. 2. The system presents the Administrator with an Error Notification, informing him that he did not enter his password. 3. The system re-prompts the Administrator for his authentication credentials (Use Case: AdminLogin).

Use Case: AdminDashboard
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in.
Primary Flow: 1. The use case begins when an Administrator authenticates and is redirected to the Admin Dashboard. 2. The system presents the Administrator with all available options. 3. The Administrator can choose to execute on of the following options:. a. Visit the Assembler List Page (UC: AdminViewAssemblers). b. Visit the Storage Manager List Page (UC:AdminViewStorageManagers). c. Visit the Accounting Manager List Page (UC: AdminViewAccountingManagers). d. Visit the Sales Manager List Page (UC: AdminViewSalesManagers).
Secondary Scenarios: 1. At any point, the Administrator may logout by pressing the Logout Button.

Use Case: AdminViewAssemblers
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in.
Primary Flow: 1. The use case begins when an Administrator visits the Assembler List Page. 2. If the system finds some registered Assemblers, then a. For each Assembler found i. The system displays a row containing the information of the Assembler. ii. The system displays a Button which allows the Deletion of the Assembler (UC: AdminDeleteAssembler). 3. Else a. The system notifies the Administrator that no registered Assemblers could be found.
Secondary Scenarios: 1. AdminDeleteAssembler

Use Case: AdminCreateAssembler
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in. 2. The Administrator is on the Create Assembler page.
Primary Flow: 1. The use case begins when an Administrator visits the Create Assembler Page. 2. The system presents the Administator with a form, which he must fill in with the new Assembler information and credentials . a. The Administrator must enter the Name of the Assembler. b. The Administrator must enter a Username for the Assembler. c. The Administator must enter a Password for the Assembler. d. The Administrator must re-enter the Password for the Assembler for confirmation. 3. The Administator must submit the form by pressing the Create Button, in order to create a new Assembler. 4. The system presents the Administator with a Confirmation

1. AdminDeleteAssembler
Secondary Scenarios: <ol style="list-style-type: none"> At any point, the Administrator may create a new Assembler by pressing the Create Button (UC: AdminCreateAssembler). At any point, the Administrator may logout by pressing the Logout Button. At any point, the Administrator may return to the Admin Dashboard.

Dialog. 5. Scenarios: 6. AdminCreateAssemblerMissingFields 7. AdminCreateAssemblerUsernameExists 8. AdminCreateAssemblerMismatchedPasswords 9. AdminCreateAssemblerInvalidPassword 10. AdminCreateAssemblerInvalidUsername
Secondary Scenarios: <ol style="list-style-type: none"> At any point, the Administrator may logout by pressing the Logout Button. At any point, the Administrator may return to the Assembler List Page. At any point, the Administrator may return to the Admin Dashboard.

Use Case: AdminCreateAssembler Secondary Scenario: AdminCreateAssemblerMissingFields
Actors: 1. Administrator
Primary Flow: <ol style="list-style-type: none"> The use case begins in step 3 of the AdminCreateAssembler use case, when the Administrator does not complete all the fields. The system presents the Administrator with an Error Notification, informing him that he did not complete all the required fields. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateAssembler Secondary Scenario: AdminCreateAssemblerUsernameExists
Actors: 1. Administrator
Primary Flow: <ol style="list-style-type: none"> The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Username is already in use by another Assembler. The system presents the Administrator with an Error Notification, informing him that the specified Username is already in use. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateAssembler Secondary Scenario: AdminCreateAssemblerMismatchedPasswords
Actors: 1. Administrator
Primary Flow: <ol style="list-style-type: none"> The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Passwords do not match. The system presents the Administrator with an Error Notification, informing him that the specified Passwords do not match. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateAssembler Secondary Scenario: AdminCreateAssemblerInvalidPassword
Actors: 1. Administrator
Primary Flow: <ol style="list-style-type: none"> The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Password is of an invalid length. The system presents the Administrator with an Error Notification, informing him that the specified Password is of an invalid length. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateAssembler Secondary Scenario: AdminCreateAssemblerInvalidUsername
Actors: 1. Administrator
Primary Flow: <ol style="list-style-type: none"> The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Username is of an invalid length. The system presents the Administrator with an Error Notification, informing him that the specified Username is of an invalid length. The system re-prompts the Administrator for Assembler information.

Use Case: AdminDeleteAssembler
Actors: 1. Administrator
Primary Flow: <ol style="list-style-type: none"> The use case begins in step 2.a.ii of the AdminViewAssemblers when the Administrator presses the Deletion Button. The system presents the Administrator with a dialog prompting him to re-verify his submission. If the Administrator verifies his submission <ol style="list-style-type: none"> The system deletes the specified assembler. The system presents the Administrator with a Confirmation Dialog.
Secondary Scenarios: 1. AdminDeleteAssemblerNotFound

Use Case: AdminDeleteAssembler Secondary Scenario: AdminDeleteAssemblerNotFound
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminDeleteAssembler use

Use Case: AdminViewStorageManagers
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in.
Primary Flow:

- case, when the specified Assembler is not found.
2. The system presents the Administrator with an Error Notification, informing him that the specified Assembler could not be found.
- 3.

Primary Flow:

1. The use case begins when an Administrator visits the Storage Manager List Page.
2. If the system finds some registered Storage Managers, then
 - a. For each Storage Manager found
 - i. The system displays a row containing the information of the Storage Manager.
 - ii. The system displays a Button which allows the Deletion of the Storage Manager (UC: AdminDeleteStorageManager).
3. Else
 - a. The system notifies the Administrator that no registered Storage Managers could be found.

Secondary Scenarios:

1. AdminDeleteStorageManager

Secondary Scenarios:

1. At any point, the Administrator may create a new Storage Manager by pressing the Create Button (UC: AdminCreateStorageManager).
2. At any point, the Administrator may logout by pressing the Logout Button.
3. At any point, the Administrator may return to the Admin Dashboard.

Use Case: AdminCreateStorageManager
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in. 2. The Administrator is on the Create Storage Manager page.
Primary Flow: 1. The use case begins when an Administrator visits the Create Storage Manager Page. 2. The system presents the Administrator with a form, which he must fill in with the new Storage Manager information and credentials . <ol style="list-style-type: none"> a. The Administrator must enter a Username for the Storage Manager. b. The Administrator must enter a Password for the Storage Manager. c. The Administrator must re-enter the Password for the Storage Manager for confirmation. 3. The Administrator must submit the form by pressing the Create Button, in order to create a new Storage Manager. 4. The system presents the Administrator with a Confirmation Dialog. 5. Scenarios: 6. AdminCreateStorageManagerMissingFields 7. AdminCreateStorageManagerUsernameExists 8. AdminCreateStorageManagerMismatchedPasswords 9. AdminCreateStorageManagerInvalidPassword 10. AdminCreateStorageManagerInvalidUsername
Secondary Scenarios: 1. At any point, the Administrator may logout by pressing the Logout Button. 2. At any point, the Administrator may return to the Storage Manager List Page. 3. At any point, the Administrator may return to the Admin Dashboard.

Use Case: AdminCreateStorageManager Secondary Scenario: AdminCreateStorageManagerMissingFields
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateAssembler use case, when the Administrator does not complete all the fields. 2. The system presents the Administrator with an Error Notification, informing him that he did not complete all the required fields. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateStorageManager Secondary Scenario: AdminCreateStorageManagerUsernameExists
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateStorageManager use case, when the specified Username is already in use by another Assembler. 2. The system presents the Administrator with an Error Notification, informing him that the specified Username is already in use. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateStorageManager Secondary Scenario: AdminCreateStorageManagerMismatchedPasswords
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Passwords do not match. 2. The system presents the Administrator with an Error Notification, informing him that the specified Passwords do no match. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateStorageManager Secondary Scenario: AdminCreateStorageManagerInvalidPassword
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Password is of an invalid length. 2. The system presents the Administrator with an Error Notification, informing him that the specified Password is of an invalid length. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateStorageManager Secondary Scenario: AdminCreateStorageManagerInvalidUsername
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateStorageManager use case, when the specified Username is of an invalid length. 2. The system presents the Administrator with an Error Notification, informing him that the specified Username is of an invalid length. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminDeleteStorageManager
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 2.a.ii of the AdminViewStorageManagers when the Administrator presses the Deletion Button. 2. The system presents the Administrator with a dialog prompting him to re-verify his submission. 3. If the Administrator verifies his submission a. The system deletes the specified Storage Manager. b. The system presents the Administrator with a Confirmation Dialog.
Secondary Scenarios: 1. AdminDeleteStorageManagerNotFound

Use Case: AdminDeleteStorageManager Secondary Scenario: AdminDeleteStorageManagerNotFound
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminDeleteStorageManager use case, when the specified Storage Manager is not found. 2. The system presents the Administrator with an Error Notification, informing him that the specified Storage Manager could not be found. 3.

Use Case: AdminViewAccountingManagers
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in. 2. The Administrator is on the Accounting Manager List page.
Primary Flow: 1. The use case begins when an Administrator visits the Accounting Manager List Page. 2. If the system finds some registered Accounting Managers, then a. For each Accounting Manager found i. The system displays a row containing the information of the Accounting Manager. ii. The system displays a Button which allows the Deletion of the Accounting Manager (UC: AdminDeleteAccountingManager). 3. Else a. The system notifies the Administrator that no registered Accounting Managers could be found.
Secondary Scenarios: 1. AdminDeleteAccountingManager
Secondary Scenarios: 1. At any point, the Administrator may create a new Accounting Manager by pressing the Create Button (UC: AdminCreateAccountingManager). 2. At any point, the Administrator may logout by pressing the Logout Button. 3. At any point, the Administrator may return to the Admin Dashboard.

Use Case: AdminCreateAccountingManager
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in. 2. The Administrator is on the Create Accounting Manager page.
Primary Flow:

Use Case: AdminCreateAccountingManager Secondary Scenario: AdminCreateAccountingManagerMissingFields
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateAssembler use case, when the Administrator does not complete all the

1. The use case begins when an Administrator visits the Create Accounting Manager Page.
2. The system presents the Administrator with a form, which he must fill in with the new Accounting Manager information and credentials .
 - a. The Administrator must enter a Username for the Accounting Manager.
 - b. The Administrator must enter a Password for the Accounting Manager.
 - c. The Administrator must re-enter the Password for the Accounting Manager for confirmation.
3. The Administrator must submit the form by pressing the Create Button, in order to create a new Accounting Manager.
4. The system presents the Administrator with a Confirmation Dialog.
5. Secondary Scenarios:.
6. AdminCreateAccountingManagerMissingFields
7. AdminCreateAccountingManagerUsernameExists
8. AdminCreateAccountingManagerMismatchedPasswords
9. AdminCreateAccountingManagerInvalidPassword
10. AdminCreateAccountingManagerInvalidUsername

Secondary Scenarios:

1. At any point, the Administrator may logout by pressing the Logout Button.
2. At any point, the Administrator may return to the Accounting Manager List Page.
3. At any point, the Administrator may return to the Admin Dashboard.

use case, when the Administrator does not complete all the fields.

2. The system presents the Administrator with an Error Notification, informing him that he did not complete all the required fields.
3. The system re-prompts the Administrator for Assembler information.

**Use Case: AdminCreateAccountingManager
Secondary Scenario:
AdminCreateAccountingManagerUsernameExists**

Actors:

1. Administrator

Primary Flow:

1. The use case begins in step 3 of the AdminCreateAccountingManager use case, when the specified Username is already in use by another Assembler.
2. The system presents the Administrator with an Error Notification, informing him that the specified Username is already in use.
3. The system re-prompts the Administrator for Assembler information.

**Use Case: AdminCreateAccountingManager
Secondary Scenario:
AdminCreateAccountingManagerMismatchedPasswords**

Actors:

1. Administrator

Primary Flow:

1. The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Passwords do not match.
2. The system presents the Administrator with an Error Notification, informing him that the specified Passwords do not match.
3. The system re-prompts the Administrator for Assembler information.

**Use Case: AdminCreateAccountingManager
Secondary Scenario:
AdminCreateAccountingManagerInvalidPassword**

Actors:

1. Administrator

Primary Flow:

1. The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Password is of an invalid length.
2. The system presents the Administrator with an Error Notification, informing him that the specified Password is of an invalid length.
3. The system re-prompts the Administrator for Assembler information.

**Use Case: AdminCreateAccountingManager
Secondary Scenario:
AdminCreateAccountingManagerInvalidUsername**

Actors:

1. Administrator

Primary Flow:

1. The use case begins in step 3 of the AdminCreateAccountingManager use case, when the specified Username is of an invalid length.
2. The system presents the Administrator with an Error Notification, informing him that the specified Username is of an invalid length.
3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminDeleteAccountingManager

Actors:

1. Administrator

Primary Flow:

1. The use case begins in step 2.a.ii of the AdminViewAccountingManagers when the Administrator presses the Deletion Button.
2. The system presents the Administrator with a dialog prompting him to re-verify his submission.
3. If the Administrator verifies his submission
 - a. The system deletes the specified Accounting Manager.
 - b. The system presents the Administrator with a Confirmation Dialog.

Secondary Scenarios:

1. AdminDeleteAccountingManagerNotFound

**Use Case: AdminDeleteAccountingManager
Secondary Scenario:
AdminDeleteAccountingManagerNotFound**

Actors:

1. Administrator

Primary Flow:

1. The use case begins in step 3 of the AdminDeleteAccountingManager use case, when the specified Accounting Manager is not found.
2. The system presents the Administrator with an Error Notification, informing him that the specified Accounting Manager could not be found.
- 3.

Use Case: AdminViewSalesManagers
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in. 2. The Administrator is on the Sales Manager List page.
Primary Flow: 1. The use case begins when an Administrator visits the Sales Manager List Page. 2. If the system finds any registered Sales Managers, then <ol style="list-style-type: none"> For each Sales Manager found <ol style="list-style-type: none"> The system displays a row containing the information of the Sales Manager. The system displays a Button which allows the Deletion of the Sales Manager (UC: AdminDeleteSalesManager).
Secondary Scenarios: 1. AdminDeleteSalesManager
Secondary Scenarios: 1. At any point, the Administrator may create a new Sales Manager by pressing the Create Button (UC: AdminCreateSalesManager). 2. At any point, the Administrator may logout by pressing the Logout Button. 3. At any point, the Administrator may return to the Admin Dashboard.

Use Case: AdminCreateSalesManager Secondary Scenario: AdminCreateSalesManagerMissingFields
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateAssembler use case, when the Administrator does not complete all the fields. 2. The system presents the Administrator with an Error Notification, informing him that he did not complete all the required fields. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateSalesManager Secondary Scenario: AdminCreateSalesManagerUsernameExists
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateSalesManager use case, when the specified Username is already in use by another Assembler. 2. The system presents the Administrator with an Error Notification, informing him that the specified Username is already in use. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateSalesManager Secondary Scenario: AdminCreateSalesManagerMismatchedPasswords
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateAssembler

Use Case: AdminCreateSalesManager
Actors: 1. Administrator
Pre-Conditions: 1. The Administrator is Logged in. 2. The Administrator is on the Create Sales Manager page.
Primary Flow: 1. The use case begins when an Administrator visits the Create Sales Manager Page. 2. The system presents the Administrator with a form, which he must fill in with the new Sales Manager information and credentials . <ol style="list-style-type: none"> The Administrator must enter a Username for the Sales Manager. The Administrator must enter a Password for the Sales Manager. The Administrator must re-enter the Password for the Sales Manager for confirmation. 3. The Administrator must submit the form by pressing the Create Button, in order to create a new Sales Manager. 4. The system presents the Administrator with a Confirmation Dialog. 5. Secondary Scenarios:. 6. AdminCreateSalesManagerMissingFields 7. AdminCreateSalesManagerUsernameExists 8. AdminCreateSalesManagerMismatchedPasswords 9. AdminCreateSalesManagerInvalidPassword 10. AdminCreateSalesManagerInvalidUsername
Secondary Scenarios: 1. At any point, the Administrator may logout by pressing the Logout Button. 2. At any point, the Administrator may return to the Sales Manager List Page. 3. At any point, the Administrator may return to the Admin Dashboard.

- use case, when the specified Passwords do not match.
2. The system presents the Administrator with an Error Notification, informing him that the specified Passwords do not match.
 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateSalesManager Secondary Scenario: AdminCreateSalesManagerInvalidPassword
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateAssembler use case, when the specified Password is of an invalid length. 2. The system presents the Administrator with an Error Notification, informing him that the specified Password is of an invalid length. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminCreateSalesManager Secondary Scenario: AdminCreateSalesManagerInvalidUsername
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminCreateSalesManager use case, when the specified Username is of an invalid length. 2. The system presents the Administrator with an Error Notification, informing him that the specified Username is of an invalid length. 3. The system re-prompts the Administrator for Assembler information.

Use Case: AdminDeleteSalesManager
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 2.a.ii of the AdminViewSalesManagers when the Administrator presses the Deletion Button. 2. The system presents the Administrator with a dialog prompting him to re-verify his submission. 3. If the Administrator verifies his submission <ol style="list-style-type: none">a. The system deletes the specified Sales Manager.b. The system presents the Administrator with a Confirmation Dialog.
Secondary Scenarios: 1. AdminDeleteSalesManagerNotFound

Use Case: AdminDeleteSalesManager Secondary Scenario: AdminDeleteSalesManagerNotFound
Actors: 1. Administrator
Primary Flow: 1. The use case begins in step 3 of the AdminDeleteSalesManager use case, when the specified Sales Manager is not found. 2. The system presents the Administrator with an Error Notification, informing him that the specified Sales Manager could not be found. 3.