Use Case: SalesLogin

Actors:
1. Sales Manager.

Pre-Conditions:
1. The Sales Manager is not already logged in.

Primary Flow:
1. The use case starts when an Sales Manager visits the Sales Page.
2. The Sales Manager is presented with a login dialog, where he is requested to enter his username and password.
3. The Sales Manager enters and submits his credentials.
4. The system redirects the Sales Manager to the Sales Dashboard.
5. Scenarios:
6. SalesLoginInvalidCredentials
7. SalesLoginMissingUsername
8. SalesLoginMissingPassword

Post-Conditions:
1. The Sales Manager is now logged in.

Use Case: SalesLogin
Secondary Scenario: SalesLoginInvalidCredentials

Actors:
1. Sales Manager.

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

Use Case: SalesLogin
Secondary Scenario: SalesLoginMissingUsername

Actors:
1. Sales Manager.

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

Use Case: SalesLogin
Secondary Scenario: SalesLoginMissingPassword

Actors:
1. Sales Manager.

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

Use Case: SalesDashboard

Actors:
1. Sales Manager.

Pre-Conditions:
1. The Sales Manager is Logged in.

Primary Flow:
1. The use case begins when an Sales Manager authenticates and is redirected to the Sales Dashboard.
2. The system presents the Sales Manager with all available options.
3. The Sales Manager can choose to execute on of the following options:.
   a. Visit the Customer List Page (UC: SalesViewCustomers).
   b. Visit the Orders Page (UC: SalesViewOrders).

Secondary Scenarios:
1. At any point, the Sales Manager may logout by pressing the Logout Button.

Use Case: SalesViewCustomers

Actors:
1. Sales Manager.

Pre-Conditions:
1. The Sales Manager is Logged in.

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

Secondary Scenarios:
1. SalesDeleteCustomer

Secondary Scenarios:
1. At any point, the Sales Manager may create a new Customer by pressing the Create Button (UC: SalesCreateCustomer).
2. At any point, the Sales Manager may logout by pressing the

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Use Case: SalesCreateCustomer

Actors:
1. Sales Manager.

Pre-Conditions:
1. The Sales Manager is Logged in.
2. The Sales Manager is on the Create Customer page.

Primary Flow:
1. The use case begins when an Sales Manager visits the Create Customer Page.
2. The system presents the Salesistator with a form, which he must fill in with the new Customer information and credentials .
   a. The Sales Manager must enter the Name of the Customer.
   b. The Salesistator must enter a Username for the Customer.
   c. The Salesistator must enter a Password for the Customer.
   d. The Sales Manager must re-enter the Password for the Customer for confirmation.
3. The Salesistator must submit the form by pressing the Create Button, in order to create a new Customer.
4. The system presents the Salesistator with a Confirmation Dialog.
5. Seconday Scenarios:.
6. SalesCreateCustomerMissingFields
7. SalesCreateCustomerUsernameExists
8. SalesCreateCustomerEmailExists

Logout Button.
3. At any point, the Sales Manager may return to the Sales Dashboard.

9. SalesCreateCustomerTaxIDExists
10. SalesCreateCustomerMismatchedPasswords
11. SalesCreateCustomerInvalidPassword
12. SalesCreateCustomerInvalidUsername
13. SalesCreateCustomerInvalidTaxID
14. SalesCreateCustomerInvalidEmail

Secondary Scenarios:
1. At any point, the Sales Manager may logout by pressing the Logout Button.
2. At any point, the Sales Manager may return to the Customer List Page.
3. At any point, the Sales Manager may return to the Sales Dashboard.

Use Case: SalesCreateCustomer
Secondary Scenario: SalesCreateCustomerMissingFields

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the Sales Manager does not complete all the fields.
2. The system presents the Sales Manager with an Error Notification, informing him that he did not complete all the required fields.
3. The system re-prompts the Sales Manager for Customer information.

Use Case: SalesCreateCustomer
Secondary Scenario: SalesCreateCustomerUsernameExists

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the specified Username is already in use by another Customer.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Username is already in use.
3. The system re-prompts the Sales Manager for Customer information.

Use Case: SalesCreateCustomer
Secondary Scenario: SalesCreateCustomerEmailExists

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the specified Email is already in use by another Customer.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Email is already in use.
3. The system re-prompts the Sales Manager for Customer information.

Use Case: SalesCreateCustomer
Secondary Scenario: SalesCreateCustomerTaxIDExists

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the specified Tax ID is already in use by another Customer.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Tax ID is already in use.
3. The system re-prompts the Sales Manager for Customer information.

Use Case: SalesCreateCustomer
Secondary Scenario:
SalesCreateCustomerMismatchedPasswords

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the specified Passwords do not match.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Passwords do no match.
3. The system re-prompts the Sales Manager for Customer information.

Use Case: SalesCreateCustomer
Secondary Scenario:
SalesCreateCustomerInvalidPassword

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the specified Password is of an invalid length.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Password is of an invalid length.
3. The system re-prompts the Sales Manager for Customer information.

Use Case: SalesCreateCustomer
Secondary Scenario:
SalesCreateCustomerInvalidUsername

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the specified Username is of an invalid length.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Username is of an

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Use Case: SalesCreateCustomer
Secondary Scenario: SalesCreateCustomerInvalidTaxID

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the specified Tax ID is of an invalid format.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Tax ID is of an invalid format.

invalid length.
3. The system re-prompts the Sales Manager for Customer information.

3. The system re-prompts the Sales Manager for Customer information.

Use Case: SalesCreateCustomer
Secondary Scenario: SalesCreateCustomerInvalidEmail

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesCreateCustomer use case, when the specified Email is of an invalid format.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Email is of an invalid format.
3. The system re-prompts the Sales Manager for Customer information.

Use Case: SalesDeleteCustomer

Actors:
1. Sales Manager.

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

Secondary Scenarios:
1. SalesDeleteCustomerNotFound

Use Case: SalesDeleteCustomer
Secondary Scenario: SalesDeleteCustomerNotFound

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 3 of the SalesDeleteCustomer use case, when the specified Customer is not found.
2. The system presents the Sales Manager with an Error Notification, informing him that the specified Customer could not be found.
3.

Use Case: SalesViewOrders

Actors:
1. Sales Manager.

Pre-Conditions:
1. The Sales Manager is Logged in.
2. The Sales Manager is on the Orders Page.

Primary Flow:
1. The use case begins when an Sales Manager visits the Orders Page.
2. The system presents the Sales Manager with a Tabbed View, which consists of the following tabs.
   a. Unassigned Orders Tab (UC: SalesViewOrdersUnsassignedTab).
   b. Undelivered Orders Tab (UC: SalesViewOrdersUndeliveredTab).
   c. Pending Orders Tab (UC: SalesViewOrdersPendingTab).
   d. Delivered Orders Tab (UC: SalesViewOrdersDeliveredTab).
3. The system automatically selects and displays the Unassigned Orders Tab.

Secondary Scenarios:
1. SalesViewOrdersUnsassignedTab
2. SalesViewOrdersUndeliveredTab
3. SalesViewOrdersPendingTab
4. SalesViewOrdersDeliveredTab

Secondary Scenarios:
1. At any point, the Sales Manager may logout by pressing the Logout Button.
2. At any point, the Sales Manager may return to the Sales Dashboard.

Use Case: SalesViewOrders
Secondary Scenario: SalesViewOrdersUnassignedTab

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 2 of the SalesViewOrders use case, when the Sales Manager selects the Unassigned Orders Tab.

Use Case: SalesViewOrdersUnassignedTab
Secondary Scenario: SalesViewOrdersAssignOrder

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 2.a.ii of the SalesViewOrdersUnassignedTab, when the Sales Manager

2. If the system finds any Unsasigned Orders, then
   a. For each Order found
      i. The system displays a row containing information about the Order, such as its Order ID, its Submission Date, the name of the Customer that placed it, etc.
      ii. The system displays a Button which allows the Sales Manager to assign that Order to an Assembler (UC: SalesViewOrdersAssignOrder).
3. If the system does not find any Unsasigned Orders, then
   a. The system notifies the Sales Manager that there are no Unassigned Orders.

Secondary Scenarios:
1. SalesViewOrdersAssignOrder

Notes and Remarks:
1. Unassigned Orders are Orders that have been placed by Customers, but have not yet been assigned to an Assembler.

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presses the Assign Button.
2. The system presents the Sales Manager with a dropdown selection list of all Assemblers and the count of their currently Assigned Orders.
3. The Sales Manager has to select an Assembler and click on the Assign Button in order to Assign the Assembler to that specific Order.
4. The system presents the Sales Manager with a Confirmation Dialog, prompting him to confirm his choice.
5. If the Sales Manager confirms his choice
   a. The system assigns the specified Order to the specified Assembler.
   b. The system marks the specified Order as Pending.
   c. The system redirects the Sales Manager to the previous page.

Notes and Remarks:
1. If there are no controller parts available for the specified Order, the system automatically creates a Supply Order and sends it to the Storage department. Once the Order is processed, it adds it to the Dashboard of the specified Assember.

Use Case: SalesViewOrders
Secondary Scenario: SalesViewOrdersUndeliveredTab

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 2 of the SalesViewOrders use case , when the Sales Manager selects the Undelivered Orders Tab.
2. If the system finds any Undelivered Orders, then
   a. For each Order found
      i. The system displays a row containing information about the Order, such as its Order ID, its Submission Date, the name of the Customer that placed it, the Assembler it was assigned to, etc.
      ii. The system displays a Button which allows the Sales Manager to deliver that order to the Customer that placed it (UC: SalesViewOrdersDeliverOrder).
3. If the system does not find any Undelivered Orders, then
   a. The system notifies the Sales Manager that there are no Undelivered Orders.

Secondary Scenarios:
1. SalesViewOrdersDeliverOrder

Notes and Remarks:
1. Undelivered Orders are Orders that have been assembled, but have not yet been delivered to a Customer.

Use Case: SalesViewOrdersUnassignedTab
Secondary Scenario: SalesViewOrdersDeliverOrder

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 2.a.ii of the SalesViewOrdersUndeliveredTab, when the Sales Manager presses the Deliver Button.
2. The system presents the Sales Manager with a Confirmation Dialog, prompting him to confirm his choice.
3. If the Sales Manager confirms his choice
   a. The system delivers the specified Order to the Customer that place it.
   b. The system marks the specified Order as Delivered.
   c. The system redirects the Sales Manager to the previous page.

Use Case: SalesViewOrders
Secondary Scenario: SalesViewOrdersPendingTab

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 2 of the SalesViewOrders use case , when the Sales Manager selects the Pending Orders Tab.
2. If the system finds any Pending Orders, then
   a. For each Order found
      i. The system displays a row containing information about the Order, such as its Order ID, its Submission Date, the name of the Customer that placed it, the Assembler it was assigned to, its current Assembly Status, etc.
3. If the system does not find any Pending Orders, then
   a. The system notifies the Sales Manager that there are no Pending Orders.

Use Case: SalesViewOrders
Secondary Scenario: SalesViewOrdersDeliveredTab

Actors:
1. Sales Manager.

Primary Flow:
1. The use case begins in step 2 of the SalesViewOrders use case , when the Sales Manager selects the Deleivered Orders Tab.
2. If the system finds any Delivered Orders, then
   a. For each Order found
      i. The system displays a row containing information about the Order, such as its Order ID, its Submission Date, the name of the Customer that placed it, the Delivery Date, the current Payment Status, etc.
3. If the system does not find any Delivered Orders, then
   a. The system notifies the Sales Manager that there are no

Delivered Orders.