

# Use Case Scenarios

## Use Case: Create Supplier

Input: Supplier's data that must be stored in the database.

Output: A message indicating that the supplier is created or failed.

1. Admin clicks a link/button to display the form for creating a supplier.
2. System displays the form to create a supplier.
3. Admin enters supplier's data in the form.
4. Admin clicks the create supplier button to create the supplier.
5. System checks the form input that it does not violate any constraints.
6. System creates a new supplier.
7. System displays a message indicating that the supplier is created successfully.

## Extensions

### 5a. Invalid Form Data

1. System informs admin that form input is invalid.
2. Admin can correct form input or cancel.

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## Use Case: Edit Supplier

Input: Supplier's data along with new updates.

Output: A message indicating that the supplier's data is updated successfully or failed to update.

1. Admin clicks a link/button to view active suppliers.
2. System fetches data for active suppliers.

3. System displays active suppliers.
4. Admin selects an option to edit a supplier.
5. System displays a form for editing supplier's data.
6. Admin edits supplier's data.
7. System checks if form input do not violate any constraints.
8. System updates supplier's data.
9. System displays a message indicating that the update was successful.

## Extensions

### 7a. Edits Violate Constraints

1. System informs admin that form input violate constraints.
  2. Admin can correct form input or cancel.
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## **Use Case: Activate Supplier**

Input: Supplier's ID.

Output: A message indicating that the supplier is activated or failed to activate.

1. Admin clicks a link/button to display deactivated suppliers.
2. System fetches all deactivated suppliers.
3. System displays deactivated suppliers.
4. Admin searches for or selects a supplier with the given ID or name.
5. System fetches a record of that supplier.
6. System displays the supplier's record.
7. Admin activates the supplier.
8. System displays a message indicating that the supplier is activated.

## Extensions

### 4a. Supplier Not Found

1. System informs admin that no such supplier exists.
  2. Admin can correct the ID or name, or cancel.
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### Use Case: Deactivate Supplier

Input: Supplier's ID.

Output: A message indicating that the supplier is deactivated or failed to deactivate.

1. Admin clicks a link/button to display active suppliers.
2. System fetches all active suppliers.
3. System displays active suppliers.
4. Admin searches for or selects a supplier with the given ID or name.
5. System fetches a record of that supplier.
6. System displays the supplier's record.
7. Admin deactivates the supplier.
8. System displays a message indicating that the supplier is deactivated.

## Extensions

### 4a. Supplier Not Found

3. System informs admin that no such supplier exists.
  4. Admin can correct the ID or name, or cancel.
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### Use Case: View Supplier

Input: The supplier's ID or name.

Output: The supplier's data.

1. Admin clicks a link/button to view active (or deactivated) suppliers.
2. System fetches active (or deactivated) suppliers' data.
3. System displays active (or deactivated) suppliers' data.
4. Admin searches for or selects a supplier with the given ID or name.
5. System displays the supplier's data.

## Extensions

### 4a. Supplier Not Found

1. System informs admin that no such supplier exists.
  2. Admin can correct the ID or name or cancel.
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## Use Case: View Activated Suppliers

Input: None

Output: A view of all active suppliers.

1. Admin clicks a link/button to view suppliers.
2. System fetches data for all active suppliers.
3. System displays all active suppliers.

## Extensions

### 2a. Suppliers Not Found

1. System informs admin that no suppliers were found.
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## Use Case: View Deactivated Suppliers

Input: None

Output: A view of all deactivated suppliers.

1. Admin clicks a link/button to view deactivated suppliers.

2. System fetches data for all deactivated suppliers.
3. System displays all deactivated suppliers.

## Extensions

### 2a. Suppliers Not Found

2. System informs admin that no suppliers were found.
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