

# In-Flow Inventory Project



## MODULE NAME: VENDOR

### Technical Requirement Specification:

Basic → Name	It cannot be null This field can be alpha-numeric No two vendor names can be same All character cannot be spaces.
Contact → Name	Cannot be null This field should accept only alphabets. All character cannot be spaces No special characters allowed in the field
Basic → Name	It cannot be null This field can be alpha-numeric No two vendor names can be same All character cannot be spaces
Contact → Name	Cannot be null All character cannot be spaces No special characters allowed in the field
Contact → Phone	It can accept only numeric characters All character cannot be spaces The maximum number of characters shouldn't exceed 11 No special characters acceptable
Contact → Email	It can be alpha-numeric This field should COMPULSARILY include characters “.” and “@” Should not have any spaces
Contact → Website	This field should start with www First character cannot be space. It should comprise of two dot “.” characters It cannot consist of any spaces
Address Dialog Box → Street	It can consist of alphanumeric characters It cannot consist of only numbers or only special characters. It can have a maximum of 20 characters
Address Dialog Box → City	It can have only alphabets Cannot exceed 15 characters
Address Dialog Box → State/ Province	It can have only alphabets Cannot exceed 15 characters Cannot consist of special characters
Address Dialog Box→ Zip/Postal Code	It can have only numeric characters Cannot consist of special characters
Address Dialog Box → Type	It should not be editable The option selected from the drop down box should appear on the box
Address Dialog Box → Ok Button	Clicking on this button should save the contents The saved contents should be displayed on the Address empty space

## In-Flow Inventory Project

<b>New Button :</b>	Clicking on this button should display a pop-up "Do you want them saved?"  If "save" is selected, it should display the vendor name on the left. If "Don't save" is selected, it should display a new vendor page If "Cancel" is selected, it should return to the existing vendor page
<b>Save Button</b>	Clicking on this button, should save the contents of the page and it should be displayed on the LHS of the screen. If Basic → Name is empty, it should display an error message
<b>Deactivate Button</b>	Clicking on this button should hide the particular vendor from the vendor list
<b>Attachment Button</b>	Clicking on this button should open a dialog box displaying "Add New", "Save" and "Cancel" Clicking on "Add New" should display the contents of the system The attachment selected should be added to the vendor details.
<b>Remark</b>	This field can contain alpha-numeric characters It cannot consist of only numbers It cannot consist of only special characters It can consist of up to 100 characters, not more than that
<b>Close Button</b>	Clicking on this should close the vendor page and display the search page
<b>Add Custom Fields Link</b>	The cursor should turn into a hand pointer when moved over this link. Clicking on this should open a dialog box where any field can be added as per the requirement of the customer. The field should be displayed on the same page thereafter.
<b>Search → Name</b>	Clicking on the drop down arrow should display a list of search options. It should display Add/ Remove at the end of the list, so as to add/ remove any field which is not required. Whatever field is added should be displayed in the next edit box.

# In-Flow Inventory Project



## MODULE NAME : PURCHASE ORDER

<b>Vendor</b>	This field should be editable Clicking on the drop down arrow beside this should display the list of all vendors created. If any vendor is selected from the drop down list, the details of that should be displayed in Contact, Phone and Vendor address fields below that. All character cannot be spaces.
<b>Contact</b>	It should display the name of the contact person with respect to this vendor. It should be automatically filled when the vendor is selected from the drop down list. All character cannot be spaces. This field should accept only alphabets. No numbers can be accepted.
<b>Phone</b>	It should display the phone number of the contact person with respect to this vendor. It should be automatically filled when the vendor is selected from the drop down list. It can accept only numeric characters The maximum number of characters shouldn't exceed 11
<b>Vendor Address</b>	The cursor should turn into a hand pointer when moved over this text box. Clicking on this should open a dialog box where all the details of the address should be displayed independently; such as- Street, City, State, Country, etc. The fields in the dialog box should be read-only and not editable.
<b>Add Shipping</b>	The cursor should turn into a hand pointer when moved over this link. Clicking on this text box, should open a dialog box where any address can be mentioned manually (if it wasn't entered earlier or is different from the previously entered one)
<b>Order #</b>	It should accept only numbers. No two order numbers can be similar. It cannot accept any numbers. It cannot accept any special characters. Cannot be null and should not accept spaces.
<b>Item Dialog Box → ADD NEW</b>	It can accept alphanumeric values. Two item name/ code cannot be similar.
<b>Item Dialog Box → ADD button</b>	It should be disabled by default. It should be enabled only when the Item Name/Code is added. Clicking on this button should display the Item in the table.
<b>Item Dialog Box→ Search</b>	Clicking on the drop down arrow should display a list of search options.
<b>Vendor Product Code</b>	It should accept only numbers. The numbers should range between 1-1000

## In-Flow Inventory Project

	It should accept only whole numbers (no decimal points) It should not accept any numbers >or <the range. It should not accept special characters or alphabets.
<b>Quantity</b>	It should accept only numbers. The numbers should range between 1-10,000 Should not accept alphabets
<b>Unit Price</b>	It should accept only whole numbers (no decimal points) It should accept only numbers. It can have numbers with decimal points.
<b>Discount</b>	The default value should be zero. It should accept only numbers. It can have whole numbers or numbers with decimal points. "%" character should be displayed by default.
<b>Sub-Total</b>	It should display an automatically calculated amount depending on the values entered in Quantity, Unit Price and Discount. The result cannot be Zero.
<b>Taxing Scheme</b>	The result can have whole numbers or numbers with decimal points. It should not be editable.
<b>Currency</b>	The value selected from the drop down should be displayed. It should not be editable.
<b>Remark</b>	The value selected from the drop down should be displayed. This field can contain alpha-numeric characters It cannot consist of only numbers It cannot consist of only special characters It can consist of up to 100 characters, not more than that
<b>New Button</b>	It should save the previous contents and a new blank page should be displayed.
<b>Save Button</b>	Clicking on this button, should save the contents of the page and it should be displayed on the LHS of the screen.
<b>Preview Button</b>	Clicking on this button should display another window with the details of the Purchase Order.
<b>Attachment Button</b>	Clicking on this button should open a dialog box displaying "Add New", "Save" and "Cancel" Clicking on "Add New" should display the contents of the system. The attachment selected should be added to the PO.
<b>Sticky</b>	Clicking on Sticky should add a sticky note to the page. Any information can be written on the note. It should be movable to any part of the screen.
<b>Close Button</b>	Clicking on this should close the purchase page and display the search page.

# In-Flow Inventory Project



## MODULE NAME: CUSTOMER

<b>Name → Basic</b>	This field can be alpha-numeric It cannot be null All character cannot be spaces. It can accept maximum 1 space No two vendor names can be same in any field
<b>Contact → Name</b>	This field should accept only alphabets. No numbers can be accepted. All character cannot be spaces. No special characters allowed in the field It can have a maximum of 1 space Cannot be null
<b>Contact → Phone</b>	It can accept only numeric characters All character cannot be spaces. The maximum number of characters shouldn't exceed 11 No special characters acceptable No spaces acceptable
<b>Contact → Email</b>	This field should COMPULSARILY have a “.” and “@” All character cannot be spaces. Should not have any spaces It can be alpha-numeric
<b>Contact → Website</b>	This field should start with www All character cannot be spaces. It should comprise of two dot “.” characters It cannot consist of any spaces It can end with .com / .in / .co.in / .gov / .org
<b>Address Dialog Box → Street</b>	It can consist of alphanumeric characters It cannot consist of only numbers or only special characters. It can have a maximum of 20 characters
<b>Address Dialog Box → City</b>	It can have only alphabets Cannot exceed 15 characters
<b>Address Dialog Box → State/ Province</b>	It can have only alphabets Cannot exceed 15 characters Cannot consist of special characters
<b>Address Dialog Box → Zip/Postal Code</b>	It can have only numeric characters Cannot consist of spaces Cannot consist of special characters
<b>Address Dialog Box → Type</b>	It should not be editable The option selected from the drop down box should appear on the box
<b>Address Dialog Box → Ok Button</b>	Clicking on this button should save the contents The saved contents should be displayed on the Address empty space
<b>New Button</b>	Clicking on this button should display a pop-up “Do you want them saved?” If “save” is selected, it should display the customer name on the left. If “Don’t save” is selected, it should display a new customer page

## In-Flow Inventory Project

<b>Save Button</b>	If "Cancel" is selected, it should return to the existing customer page Clicking on this button, should save the contents of the page and should be displayed on the LHS of the screen. If Basic → Name is empty, it should display an error message
<b>Deactivate Button</b>	Clicking on this button should hide the particular customer from the customer list
<b>Attachment Button</b>	Clicking on this button should open a dialog box displaying "Add New", "Save" and "Cancel" Clicking on "Add New" should display the contents of the system The attachment selected should be added to the customer details.
<b>Remark</b>	This field can contain alpha-numeric characters It cannot consist of only numbers It cannot consist of only special characters It can consist of up to 100 characters, not more than that
<b>Close Button</b>	Clicking on this should close the customer page and display the search page
<b>Add Custom Fields Link</b>	The cursor should turn into a hand pointer when moved over this link. Clicking on this should open a dialog box where any field can be added as per the requirement of the customer. The field should be displayed on the same page thereafter.
<b>Search → Name</b>	Clicking on the drop down arrow should display a list of search options. It should display Add/ Remove at the end of the list, so as to add/ remove any field which is not required. Whatever field is added should be displayed in the next edit box.

**MODULE NAME : SALES ORDER**



## In-Flow Inventory Project

<b>Customer</b>	This field should be editable All character cannot be spaces. Clicking on the drop down arrow beside this should display the list of all customers created. If any customer is selected from the drop down list, the details of that should be displayed in Contact, Phone and address fields below that. It should be automatically filled when the customer is selected from the drop down list.
<b>Contact</b>	This field should accept only alphabets. No numbers can be accepted.
<b>Phone</b>	It should display the phone number of the contact person with respect to this customer. It should be automatically filled when the customer is selected from the drop down list. It can accept only numeric characters The maximum number of characters shouldn't exceed 11
<b>Customer Address</b>	The cursor should turn into a hand pointer when moved over this text box. Clicking on this should open a dialog box where all the details of the address should be displayed independently; such as- Street, City, State, Country, etc. The fields in the dialog box should be read-only and not editable.
<b>Add Shipping</b>	The cursor should turn into a hand pointer when moved over this link. Clicking on this text box, should open a dialog box where any address can be mentioned manually (if it wasn't entered earlier or is different from the previously entered one)
<b>Order #</b>	It should accept alphanumeric characters. No two order numbers can be similar. It cannot accept any special characters. Cannot be null and should not accept spaces.
<b>Item</b>	It should be editable as well as a drop down box. Clicking on the drop down arrow should display a dialog box
<b>Item Dialog Box → ADD NEW</b>	It can accept alphanumeric values. Two item name/ code cannot be similar.
<b>Item Dialog Box → ADD button</b>	It should be disabled by default. It should be enabled only when the Item Name/Code is added. Clicking on this button should display the Item in the table.
<b>Item Dialog Box → Search</b>	Clicking on the drop down arrow should display a list of search options.
<b>Quantity</b>	It should accept only numbers. The numbers should range between 1-10,000 It should accept only whole numbers (no decimal points)
<b>Unit Price</b>	It should accept only numbers. It can have numbers with decimal points.

## In-Flow Inventory Project

<b>Discount</b>	The default value should be zero. It should accept only numbers. It can have whole numbers or numbers with decimal points. “%” character should be displayed by default.
<b>Sub-Total</b>	It should display an automatically calculated amount depending on the values entered in Quantity, Unit Price and Discount. The result cannot be Zero. The result can have whole numbers or numbers with decimal points.
<b>Taxing Scheme</b>	It should not be editable. The value selected from the drop down should be displayed.
<b>Currency</b>	It should not be editable. The value selected from the drop down should be displayed.
<b>Remarks</b>	This field can contain alpha-numeric characters It cannot consist of only numbers It cannot consist of only special characters It can consist of up to 100 characters, not more than that
<b>New Button</b>	It should save the previous contents and a new blank page should be displayed.
<b>Save Button</b>	Clicking on this button, should save the contents of the page and it should be displayed on the LHS of the screen.
<b>Preview Button</b>	Clicking on this button should display another window with the details of the Sales Order.
<b>Attachment Button</b>	Clicking on this button should open a dialog box displaying “Add New”, “Save” and “Cancel” Clicking on “Add New” should display the contents of the system. The attachment selected should be added to the SO.
<b>Sticky</b>	Clicking on Sticky should add a sticky note to the page. Any information can be written on the note. It should be movable to any part of the screen.
<b>Close Button</b>	Clicking on this should close the purchase page and display the search page.

# In-Flow Inventory Project

MODULE NAME : INVENTORY - NEW PRODUCT

<b>Item Name/Code</b>	The field cannot be null It can be alpha-numeric All characters cannot be spaces
<b>Category</b>	It should be non-editable It cannot be null. The value selected from the drop down list should be displayed on the text box. If the category is not mentioned in the drop down box, it can be added by selecting "<Add New..>" Selecting <Add New..>should redirect to other tab.
<b>Type</b>	It should be non-editable The value selected from the drop down list should be displayed on the text box. The default value should be "Stockable"
<b>Browse Button</b>	Clicking on this button should open the directory of the file system. If any picture is selected from the directory, it should be displayed in the space above.
<b>Clear Button</b>	Clicking on this button should clear the picture (if any) from the space above.
<b>Add Custom Fields Link</b>	The cursor should turn into a hand pointer when moved over this link. Clicking on this should open a dialog box where any field can be added as per the requirement of the customer. The field should be displayed on the same page thereafter.
<b>New Button</b>	Clicking on this button should display a pop-up " Do you want them saved? " If "Save" is selected, it should display the customer name on the left. If "Don't save" is selected, it should display a new customer page If "Cancel" is selected, it should return to the existing customer page
<b>Save Button</b>	Clicking on this button, should save the contents of the page and it should be displayed on the LHS of the screen. If Basic → Item Name/Code is empty, it should display an error message

## In-Flow Inventory Project

<b>Deactivate Button</b>	Clicking on this button should hide the particular product from the product list
<b>Attachment Button</b>	Clicking on this button should open a dialog box displaying "Add New", "Save" and "Cancel" Clicking on "Add New" should display the contents of the system The attachment selected should be added to the customer details.
<b>Close Button</b>	Clicking on this should close the purchase page and display the search page.
<b>Inventory → Location</b>	It should be editable. Clicking on it should also display a drop down box
<b>Inventory → Quantity</b>	It should be editable. It should accept only numeric characters. All characters cannot be spaces.