

Procure-To-Pay Process of ERP

Made By

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Under the Guidance of

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Introduction:

The Procure-to-Pay is a process in which an organization purchases the raw materials and services which are required to do business. It is the process of requisitioning, purchasing, receiving, paying and accounting for goods and services. It involves the number of sequential stages, ranging from need identification to invoice approvals and vendor payment.

The main steps in procure to pay, starts with the requisition order which is an internal request to purchase something. It starts the ordering process during which a Purchase Order (PO) is created. The next steps involve receiving the goods where the Goods Receipt is created and also includes the delivery of goods and order confirmation. Finally, it follows with the payment process, which typically includes,

- Creating an invoice,
- Arranging to pay suppliers
- Recording the transaction in the accounting system.

Use Case:



The Procure to Pay Process has the following steps.

1. The employee will log in to the system and create the requisition and send it to the manager for further approval.
2. The manager will next approve or reject the requisition as per the requirements and need of the company.
3. If the manager rejects the requisition, then the reasons need to be mentioned, which will store in the database
4. If the manager approves the requisition then according to the selected vendors, Purchase Order is created.
5. The vendor will review the Purchase order and generates Goods receipt and send it with the goods to the shipping address.
6. The Manager will inspect and approve or reject the receipt, if any additional item is present.
7. The Vendor will create an invoice and load it to the database.
8. The Manager will retrieve and check the invoice and approve it and forward it to the finance team.
9. The Finance Manager will log in to the system and make the payment to the vendor.

Xsemble Flow Process:

Login Page

Firstly, the actor login to the system. The process contains five actors. Only the Admin has the right to register the users. User can Sign in to the system, also can change the password, if forgotten. When the user login to the page, it will validate the account and then the user can access their account.

Wireframe:

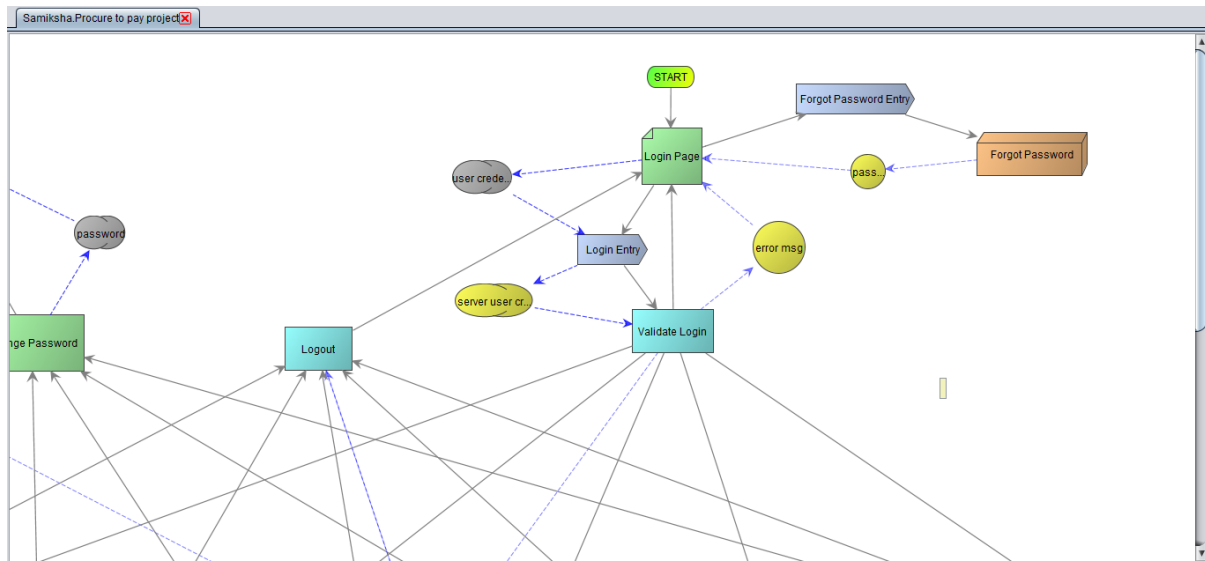
Login

Username:

Password:

[Forgot Password ?](#)

Xsemble Flow:



Firstly, the Login Page will be displayed to the user, where user can input their username and password. Login Entry is an entry point where the request is then sent to the server and the Validate Method will validate the login credentials. If the login is not successful, the control returns to the login page accompanied with an error message. The login page is thus shown, displaying the error message. There are several successful outcomes of the Validation method, indicated with several outgoing grey arrows, each corresponding to different role.

The Login page also has a link to the “Forgot password” functionality which is implemented in the “Forgot Password” subproject. (A subproject corresponds to another flow diagram.)

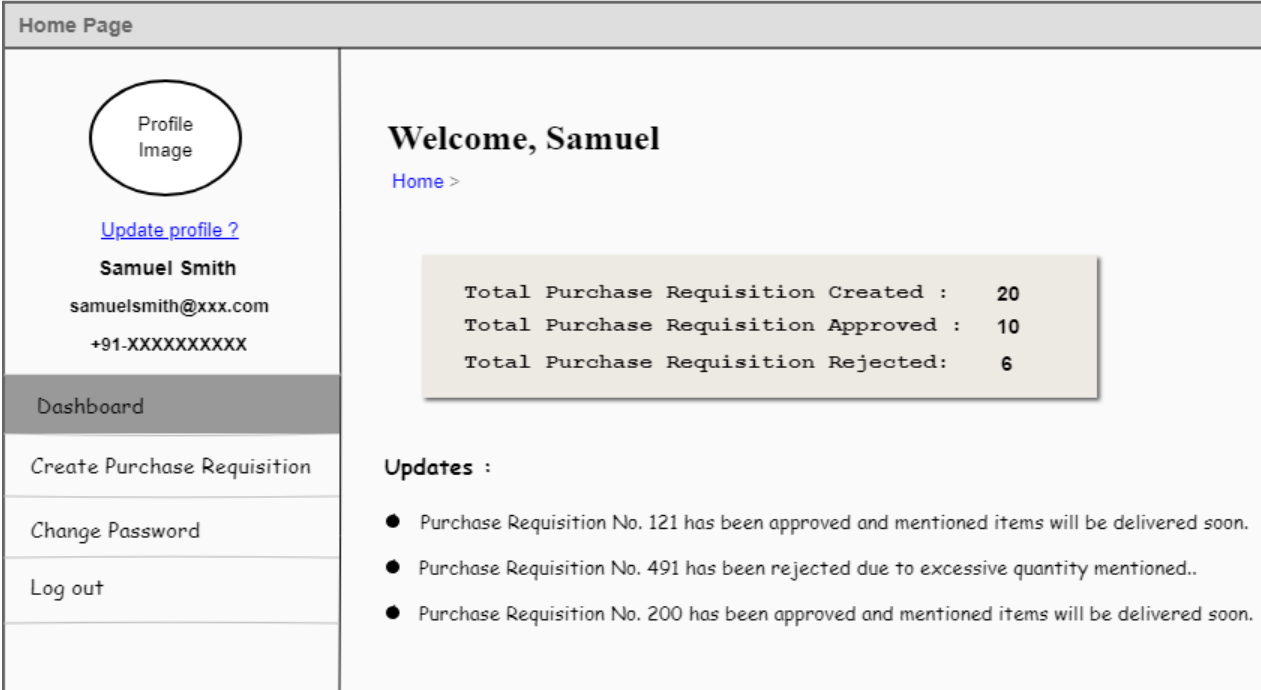
After successful user validation, then user can set new password then they can access their account.

Employee Panel

Home Page for Employee

As the Employee logs in to the account, the requests and updates are shown in their Home Page. They can view the total Purchase Requisition created and also the status of approvals or rejections. Other functionality such as, update profile and change password can also be done by the User.

Wireframe



Home Page

Profile Image

[Update profile ?](#)

Samuel Smith
samuelsmith@xxx.com
+91-XXXXXXXXXX

Dashboard

Create Purchase Requisition

Change Password

Log out

Welcome, Samuel

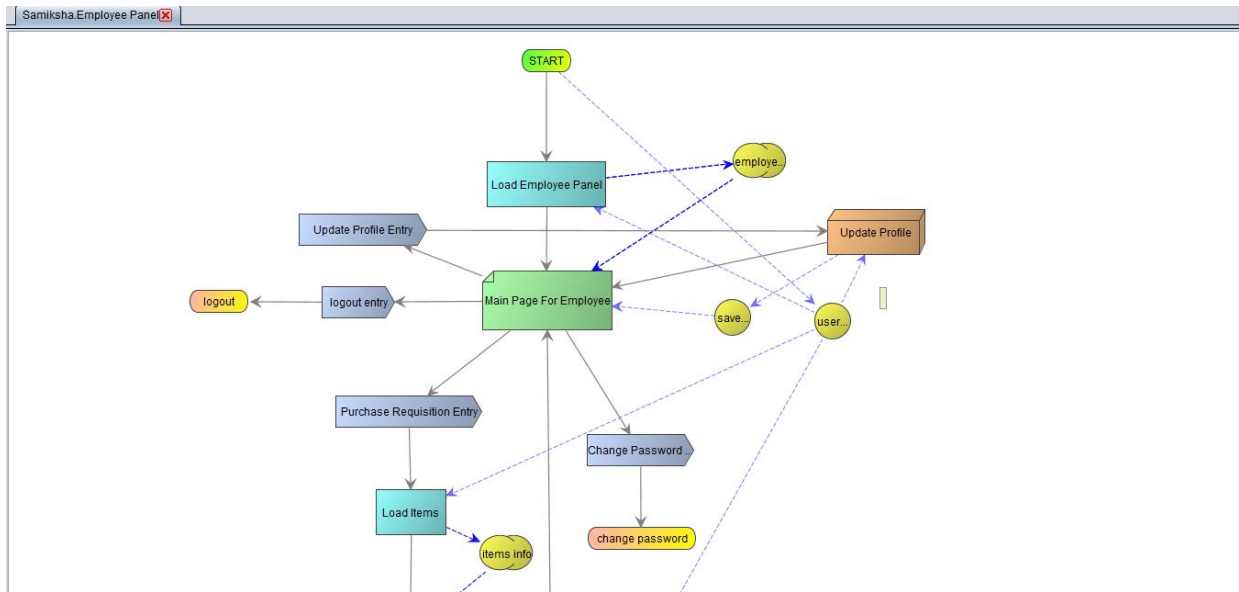
[Home >](#)

| | |
|---------------------------------------|----|
| Total Purchase Requisition Created : | 20 |
| Total Purchase Requisition Approved : | 10 |
| Total Purchase Requisition Rejected: | 6 |

Updates :

- Purchase Requisition No. 121 has been approved and mentioned items will be delivered soon.
- Purchase Requisition No. 491 has been rejected due to excessive quantity mentioned..
- Purchase Requisition No. 200 has been approved and mentioned items will be delivered soon.

Xsemble Flow



The method Load Employee Panel will process the employee details and the Main Page for Employee will display all updates and status. If the user needs to update his profile, the entry point will link to the server and the individual can update their profile. If the user wants to change their password, they can create the new password and can access their account. User can also log out from their main page.

Create Requisitions

They can create a Purchase Requisition as per the requirements of the goods and material which is an internal request for purchasing. Here, it will create the list of those items which are selected by the employee. The Purchase Requisition form includes the following information.

- Material quantity, Category of Goods and Services.
- Item ID, Item Name, UOM and estimate price of the material.
- Need by date

Wireframe:

Create Purchase Requisition

Profile Image

[Update profile ?](#)

Samuel Smith
samuelsmith@xxx.com
+91-XXXXXXXXXX

Dashboard

Create Purchase Requisition

Change Password

Log out

Welcome, Samuel

[Home](#) > Create Purchase Requisition

Select Category : <<SELECT>>

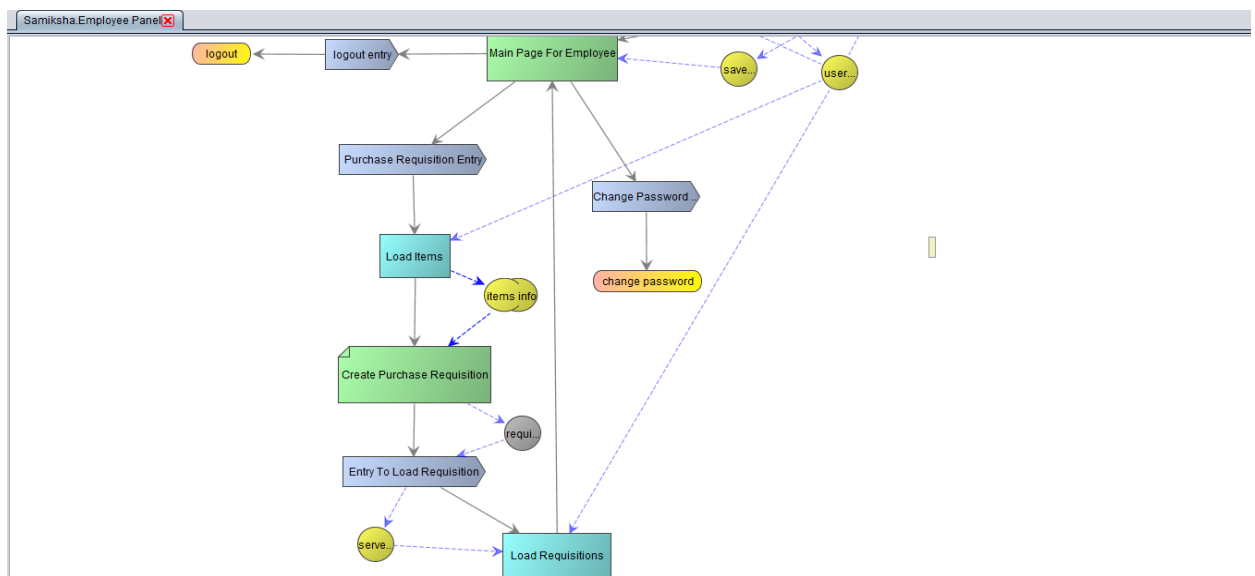
After Checking the Checkbox, textbox and drop down list will be enable to write quantity and select UOM of an item.

| Item ID | Item Name | Quantity | Price each Item | UOM |
|---------|--|--------------------------------|-----------------|------------|
| 101 | <input type="checkbox"/> Item1 Name | <input type="text"/> | \$80 | <<SELECT>> |
| 102 | <input checked="" type="checkbox"/> Item2 Name | <input type="text" value="4"/> | \$120 | Each |
| 103 | <input type="checkbox"/> Item3 Name | <input type="text"/> | \$50 | <<SELECT>> |
| 104 | <input checked="" type="checkbox"/> Item4 Name | <input type="text" value="5"/> | \$20 | Each |
| 105 | <input checked="" type="checkbox"/> Item5 Name | <input type="text" value="7"/> | \$90 | Dozen |
| 106 | <input type="checkbox"/> Item6 Name | <input type="text"/> | \$190 | <<SELECT>> |

Need by :

CREATE

Xsemble Flow:



From the Main Page, an entry point is used to create the Purchase Requisition. The Load Method contains in-argument username (session variable) will retrieve all the item information (Item ID, Item Name, Price, Quantity), category list and UOM list. In Purchase Requisition Page, category list will be displayed. By selecting the category, items list will be displayed. The Employee will select the required items from the list and also specified the date. The Load Requisition Method will load them into the database.

Manager Panel

Home Page for Manager

As the Manager Log in to the account, the requests and updates will be shown in their Home Page. They can view the total Purchase Orders created and also the status of approvals or rejections. The manager can also view the Inventory and Invoice List created by the vendor. Other functionality such as, update profile and change password can also be done by the User.

Wireframe:

Home Page

Profile Image

[Update profile ?](#)

Daneel Susan
daneelsusan@xxx.com
+91-XXXXXXXXXX

Dashboard

View Requisition List

View Inventory List

View Invoice List

Change Password

Log out

Welcome, Daneel

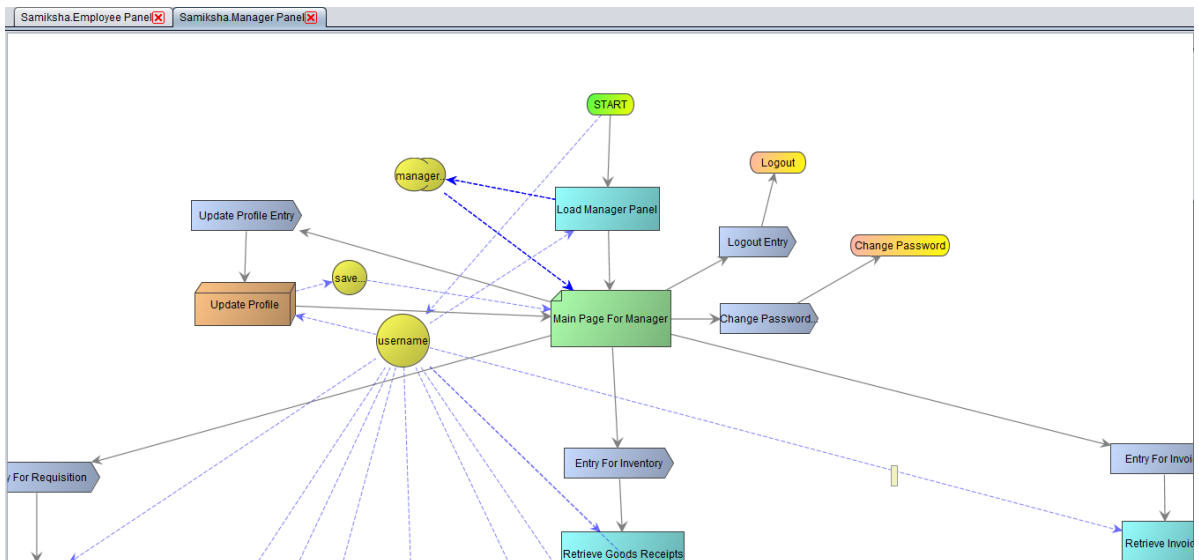
[Home >](#)

| | |
|---------------------------------|----|
| Total Purchase Order Created : | 16 |
| Total Purchase Order Approved : | 10 |
| Total Purchase Order Rejected: | 6 |

Updates :

- Purchase Order No. 121 has been approved and mentioned items will be delivered soon.
- Purchase Order No. 491 has been rejected due to lack of adequate quantity.
- Invoice ID 1234 has been generated by Mr. XXXX and added to the list
- Invoice ID 1654 has been generated by Mr. XXXX XX and added to the list
- Receipt ID R3453 has been generated by Mr. XXXX and added to the list.
- Purchase Order No. 220 has been approved and mentioned items will be delivered soon.

Xsemble Flow:



The START node will begin the process. The Load Manager Panel Method will retrieve the manager details and display it to the Main Page for Manager. In the Main Page, they can view all the updates and status. If the user needs to update their profile, the subproject (Update Profile) is used and they can update their profile. If the user wants to change their password, they can create a new password and the user can access their account. Also, they can logout from the Main Page.

List of Purchase Requisition

On this page the list of the Requisitions will be displayed along with the Purchase Requisition ID and Employee ID. They can view the information in detail by clicking on the View Details button.

Wireframe:

List of Requisitions

Profile Image

[Update profile ?](#)

Daneel Susan
daneelsusan@xxx.com
+91XXXXXXXXXX

Dashboard

View Requisition List

View Inventory List

View Invoice List

Change Password

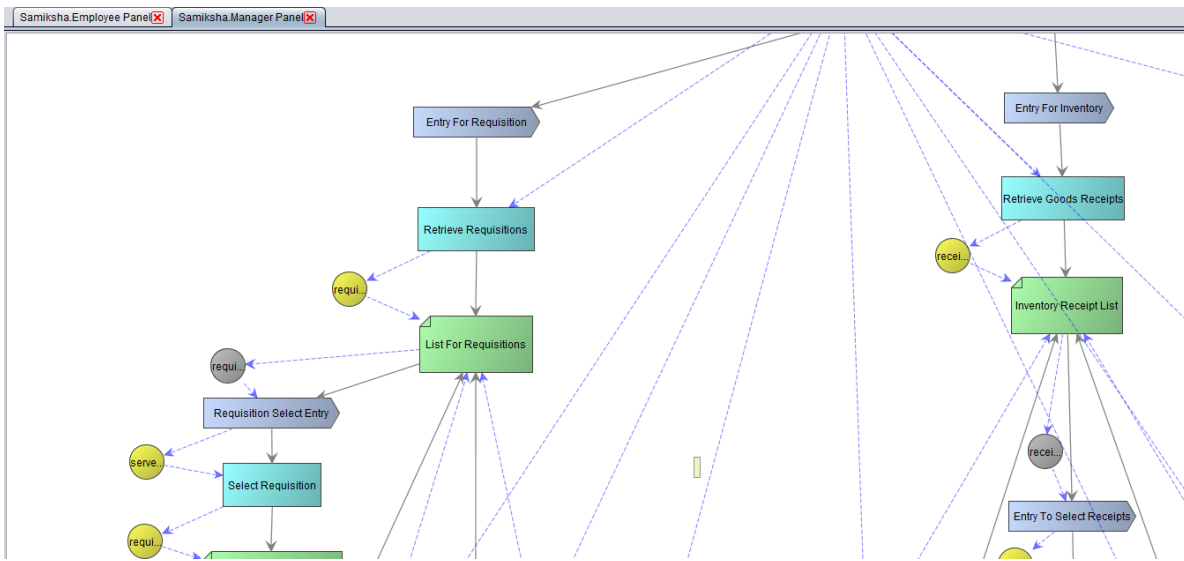
Log out

Welcome, Daneel

[Home](#) > [View Requisitions List](#)

| Purchase Requisition ID | Employee ID | Category | Need by | |
|-------------------------|-------------|----------|------------|------------------------------|
| 123456 | E1234 | XXXXX | DD/MM/YYYY | View Details |
| 124535 | E2345 | XXXXX | DD/MM/YYYY | View Details |
| 126863 | E3456 | XXXXX | DD/MM/YYYY | View Details |
| 129637 | E4567 | XXXXX | DD/MM/YYYY | View Details |
| 127355 | E5678 | XXXXX | DD/MM/YYYY | View Details |

Xsemble Flow:



Here, an Entry to Requisition entry point will link to the server. The Retrieve Requisition Method will retrieve the requisition list from the database and will be displayed in the List of Requisitions page.

Purchase Requisition Page

When the Manager will select a Purchase Requisition from the requisition list, they can view the complete details about it. It includes the items list, Purchase Requisition ID, Employee ID, Category and due date.

The Manager can approve or reject the Requisitions by evaluating needs, verifying the available budget and also by checking the Inventory. Incomplete purchase requisitions are rejected back to the initiator for correction and resubmission. If the Requisition gets approved, then the Purchase Order will be generated. If the Requisition gets rejected, then they have to mention the reason for rejection. The status will be shown in the Employee account. As the Requisitions get rejected the further process will stop otherwise the Manager will create the Purchase order for the approved Requisition.

Wireframe:

Purchase Requisition Page

Profile Image

[Update profile ?](#)

Daneel Susan
daneelsusan@xxx.com
+91XXXXXXXXXX

Dashboard

View Requisition List

View Inventory List

View Invoice List

Change Password

Log out

Welcome, Daneel

[Home](#) > [View Requisitions](#) > Purchase Requisition

Purchase Requisition No. : XXXXXX

Employee ID : EXXXX

Category : XXXXXXX

Need by : DD/MM/YYYY

| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Accept Requisition

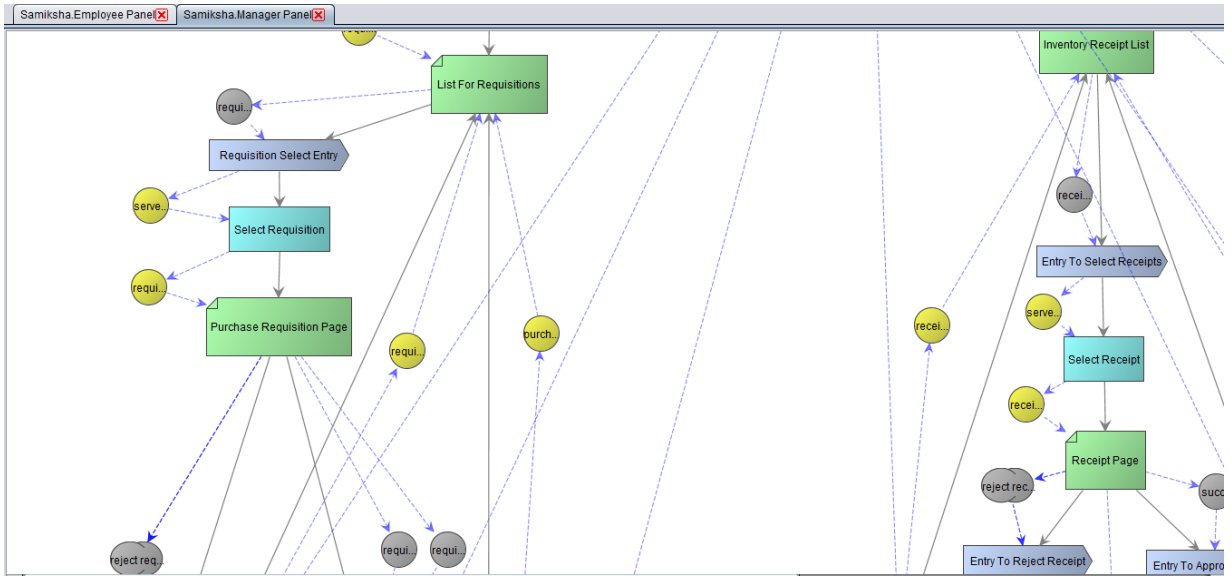
Reject Requisition

Reason for rejecting requisition:

If you select reject requisition radio button then you have to specify reason why you are rejecting requisition otherwise you can continue further.

After specifying reject reason continue button will be enable.

Xsemble Flow:



With the help of Purchase Requisition ID, we select a requisition. The Select Requisition Method will retrieve the requisition details and display it to the Purchase Requisition Page. If Manager approves requisition, then we move forward to create Purchase Order Otherwise Reject Requisition Method will save the status along with the specified reason into the database. Also a message will be displayed to the user in the List of Requisition Page.

Purchase Order Creation:

The Manager will create the Purchase Order for the approved Requisition. A Purchase Order is a formal request to the vendor to supply the materials and services under certain conditions. It contains the Requisition details, Vendor details and Shipping Address.

Wireframe:

Purchase Order Creation

Profile Image

Update profile ?

Daneel Susan
daneelsusan@xxx.com
+91XXXXXXXXXX

Dashboard

View Requisition List

View Inventory List

View Invoice List

Change Password

Log out

Welcome, Daneel

Home > View Requisitions > Purchase Requisition > Purchase Order Creation

Shipping Address :

Vendors List

| | | | |
|-----------------------|-------|-----------|----------------|
| <input type="radio"/> | V1001 | Location1 | Vendor's Name1 |
| <input type="radio"/> | V1002 | Location2 | Vendor's Name2 |
| <input type="radio"/> | V1003 | Location3 | Vendor's Name3 |

Purchase Requisition No. XXXXXX

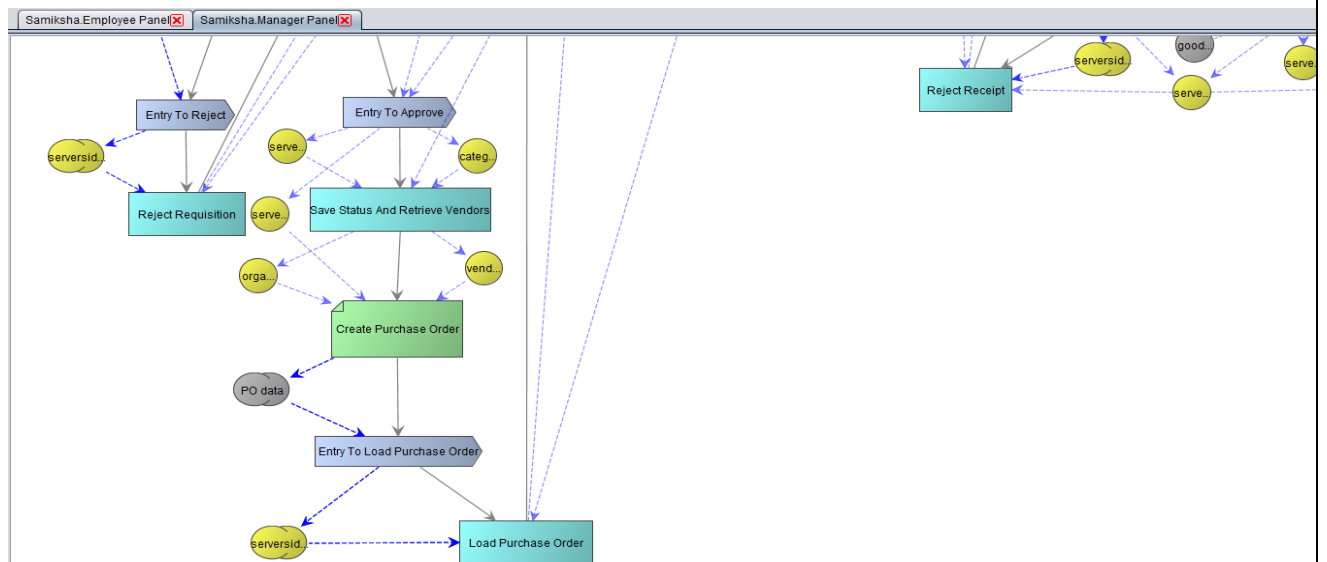
Employee ID : EXXXX

Category : XXXXXXX

Need by : DD/MM/YYYY

| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Xsemble Flow:



Both the entry point to approve and reject the Purchase Requisition is maintained. The Reject Requisition Method get proceed if the Manager rejects the requisition with the specified reason, it will be stored into the database. If the manager approves the requisition, then the Save Status and Retrieve Vendors Method will save the status as approved and proceed further to retrieve the list of vendors from the database. The vendors' information is in the Vendors' info data node and the organizations' information is in the organizations' info data node. After approving the Purchase Requisition, the Manager will create the Purchase Order for the respective requisition. The Create Purchase Order page will contain all the details of the items list, Vendors' list and shipping address. An Entry to Load Purchase Order entry point is used to link with the server. The Load Purchase Order Method will load the Purchase Order to the database.

List of Inventory:

Once the supplier delivers the promised goods/services, the buyer inspects the delivered goods or services to ensure that it complies with the contract terms. When the goods are received at the warehouse of the buying organization, the receiving staff checks the delivery note. The goods receipt is then checked by the Manager. The Inventory list contains Receipt ID, PO Number, issued by and Issued Date. The Manager can view the details of Receipt by clicking on the View Details button.

Wireframe:

Inventory Receipt List

Profile Image

Update profile ?

Daneel Susan
daneelsusan@xxx.com
+91XXXXXXXXXX

Dashboard

View Requisition List

View Inventory List

View Invoice List

Change Password

Log out

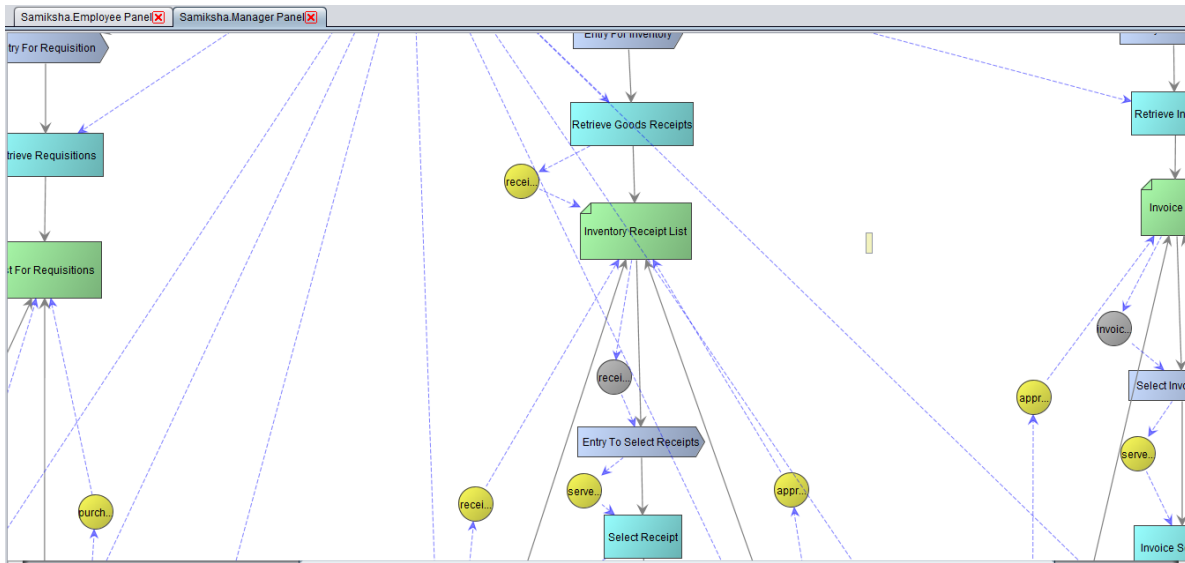
Welcome, Daneel

Home

 > Inventory Receipt List

| Receipt ID | PO Number | Issued By | Issued Date | |
|------------|-----------|-----------|-------------|--|
| R111 | PO234 | Mr. XXXXX | DD/MM/YYYY | View Receipt |
| R222 | PO267 | Mr. XXXXX | DD/MM/YYYY | View Receipt |
| R333 | PO278 | Mr. XXXXX | DD/MM/YYYY | View Receipt |
| R444 | PO865 | Mr. XXXXX | DD/MM/YYYY | View Receipt |
| R555 | PO975 | Mr. XXXXX | DD/MM/YYYY | View Receipt |

Xsemble Flow:




An Entry to Inventory entry point is used and the Retrieve Goods Receipt Method will retrieve the list of the Goods Receipt from the database.

Receipt Page:

The Goods Receipt has all the details which were to be supplied to the organization. Receipt ID as well as the PO Number along with the shipping address. The vendor detail will also have been mentioned on Goods Receipt Page. The Manager can approve or reject the receipt based on the standard specified in the purchasing contract or Purchase Order. If the Manager will approve the Goods Receipt, then the Vendor will proceed with the Invoice creation otherwise they will be notifying with the status and reason for rejection.

Wireframes:

Goods Receipt

 Profile Image

[Update profile ?](#)

Daneel Susan
daneelsusan@xxx.com
+91XXXXXXXXXX

Dashboard

View Requisition List

View Inventory List

View Invoice List

Change Password

Log out

Welcome, Daneel

[Home](#) > [Inventory List](#) > Goods Receipt

Receipt ID : RXXXXXX **Organisation ID:** XXXXX

PO Number : PXXXX **Organisation Name:** XXXX Pvt Ltd

Category : XXXXXXX **Issued Date:** DD/MM/YYYY

Need by : DD/MM/YYYY **Issued By:** Mr. XXXXXXX

Shipping Address: Cecilia Chapman 711-2880 Nulla St. Mankato Mississippi 96522 (257) 563-7401

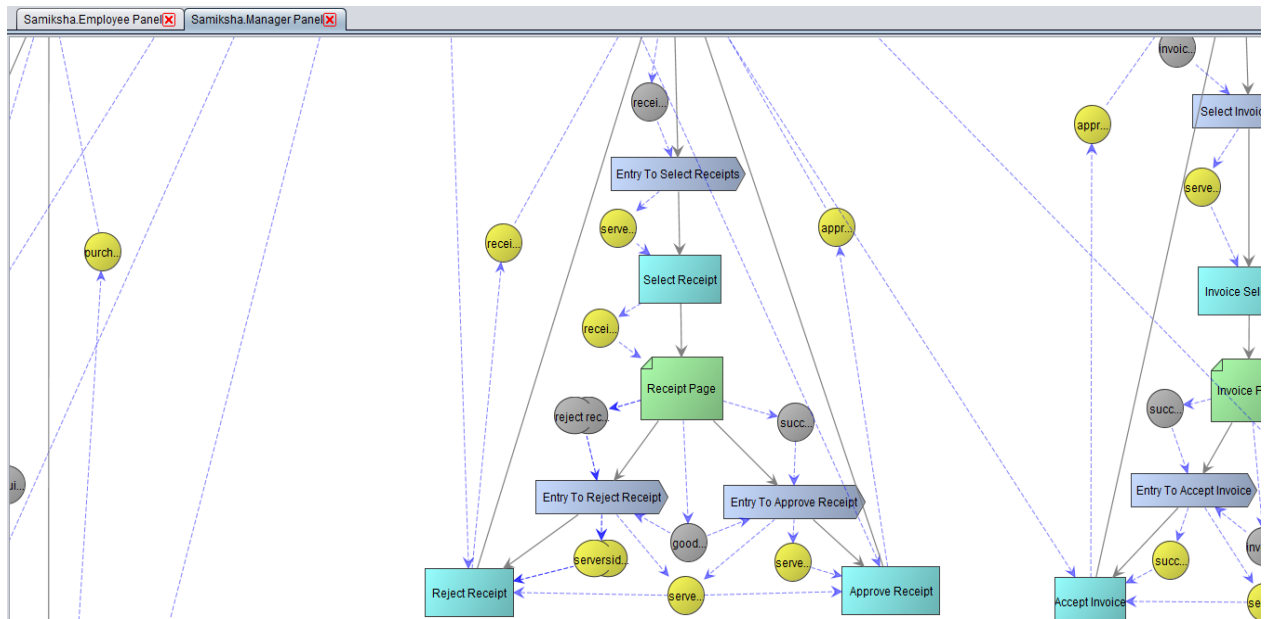
| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Accept Goods Receipt

Reject Goods Receipt

Reason for rejecting receipt :

Xsemble Flow:



By the help of Receipt ID Manager can select the Receipt from the Receipt list. The Select Receipt Method will retrieve the information for the selected Receipt ID. The Receipt details will be shown to the Receipt Page. The Manager can view the complete information about the receipt on the Receipt Page. The manager then can approve or reject the receipt. Approve Receipt Method will update the success status and Reject Receipt Method will update the reject status along with the reason for rejection. Both Method will send back the control to the Inventory Receipt List page with the message.

List of Invoice:

After the approval of the Goods Receipt by the Manager, Vendor will create and send the Invoice to the Manager for the payment. The Manager can view all the Invoices generated by the Vendors. It contains the Invoice ID, Goods Receipt ID and PO Number. The Manager can view the details of an invoice by clicking on the View Receipt button.

Wireframe:

Invoice List

Profile Image

[Update profile ?](#)

Daneel Susan
daneelsusan@xxx.com
+91XXXXXXXXXX

Dashboard

View Requisition List

View Inventory List

View Invoice List

Change Password

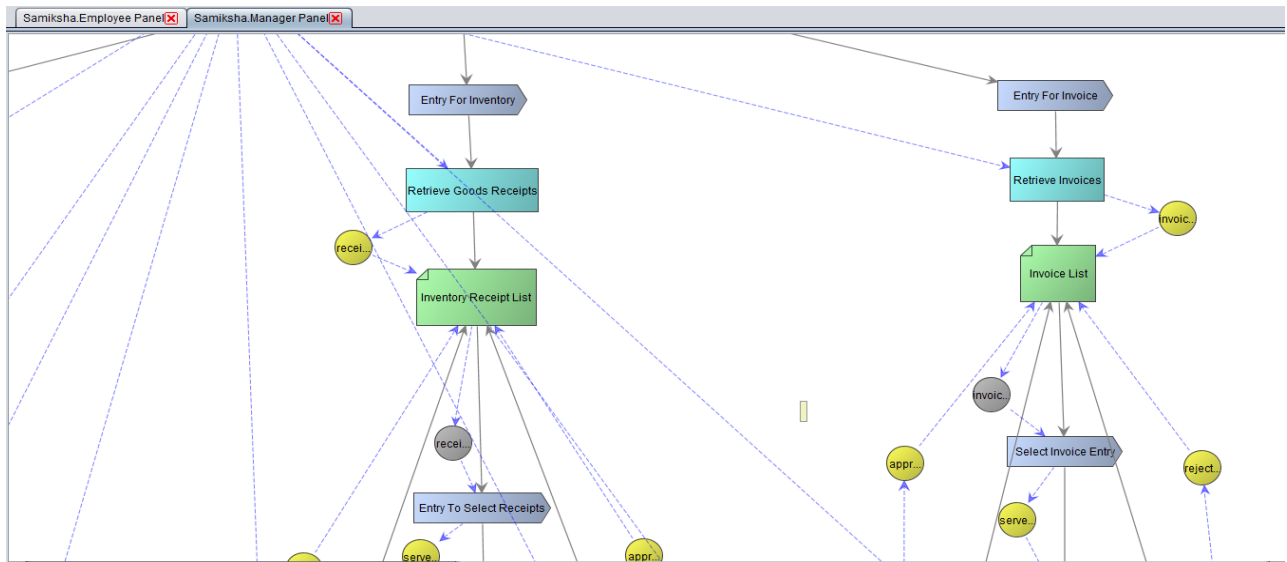
Log out

Welcome, Daneel

[Home](#) > Invoice List

| Invoice ID | Receipt ID | PO Number | Issued By | Issued Date | |
|------------|------------|-----------|-----------|-------------|------------------------------|
| I1002 | R111 | PO234 | Mr. XXXXX | DD/MM/YYYY | View Receipt |
| I2003 | R222 | PO267 | Mr. XXXXX | DD/MM/YYYY | View Receipt |
| I7883 | R333 | PO278 | Mr. XXXXX | DD/MM/YYYY | View Receipt |
| I1056 | R444 | PO865 | Mr. XXXXX | DD/MM/YYYY | View Receipt |
| I1456 | R555 | PO975 | Mr. XXXXX | DD/MM/YYYY | View Receipt |

Xsemble Flow:



The Retrieve Invoice Method will retrieve the invoice list and display it to the Invoice List page.

Invoice Page:

The Manager can view the payment details i.e. the net amount and total discount allowed. If the details are correctly mentioned then they can approve the invoice to make the payment or else they can reject the invoice where they need to justify the reason for rejection.

Wireframe:

Invoice Page

Profile Image

[Update profile ?](#)

Daneel Susan
daneelsusan@xxx.com
+91XXXXXXXXXX

Dashboard

View Requisition List

View Inventory List

View Invoice List

Change Password

Log out

Welcome, Daneel

Home > Invoice List > Invoice Page

Organisation ID: XXXXX
Organisation Name: XXXX Pvt Ltd

Invoice ID: I1002 **Total Amount:** \$XXXX
Receipt ID: R111 **Total Discount:** \$XX
PO Number: PO234 **Category:** XXXXXXXX
Invoice Issued By: Mr. XXXXX **Need By:** DD/MM/YYYY
Invoice Issued Date: DD/MM/YYYY

Shipping Address : Iris Watson P.O. Box 283 8562 Fusce Rd. Frederick Nebraska 20620 (372) 587-2335

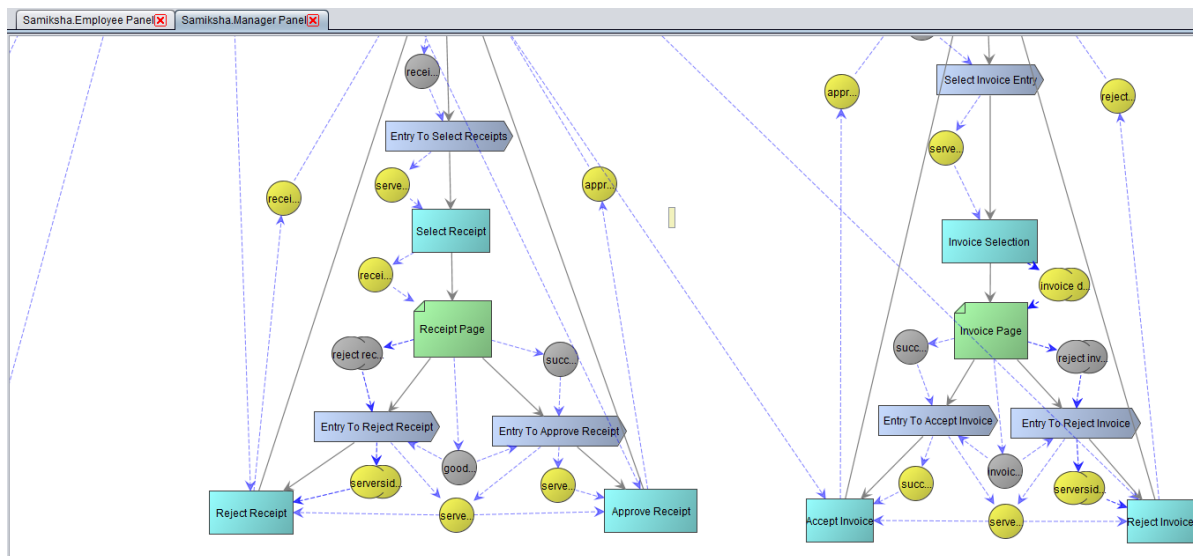
| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Approve Invoice
 Reject Invoice

Reason for rejecting invoice:

Manager will cross check the information and can approve or reject it according to the data.

Xsemble Flow:



From the list of Invoices, the manager will select Invoice ID for further processing. The Invoice Selection Method will retrieve the invoice details, PO details and Goods Receipt details. The manager can cross check the details on the Invoice Page. After that, the Manager can approve or reject the Invoice. The entry points for the approval and rejection of the Invoice is maintained. The Accept Invoice Method will update the success status and Reject Invoice Method will store the reject status along with the reason for rejection.

Vendors' Panel

Home Page for Vendor

As the Vendor login to the page, the updates and request will be shown on the Home Page. They can view the status about Purchase Orders and Invoice creation. Functionalities such as change password and update profile can be used as per the need.

Wireframes:



Profile Image

[Update profile ?](#)

Jacob Anthony
jacobanthony@xxx.com
+91-XXXXXXXXXX

Dashboard

[View Purchase Order List](#)

[View Goods Receipt List](#)

[Change Password](#)

[Log out](#)

Welcome, Jacob

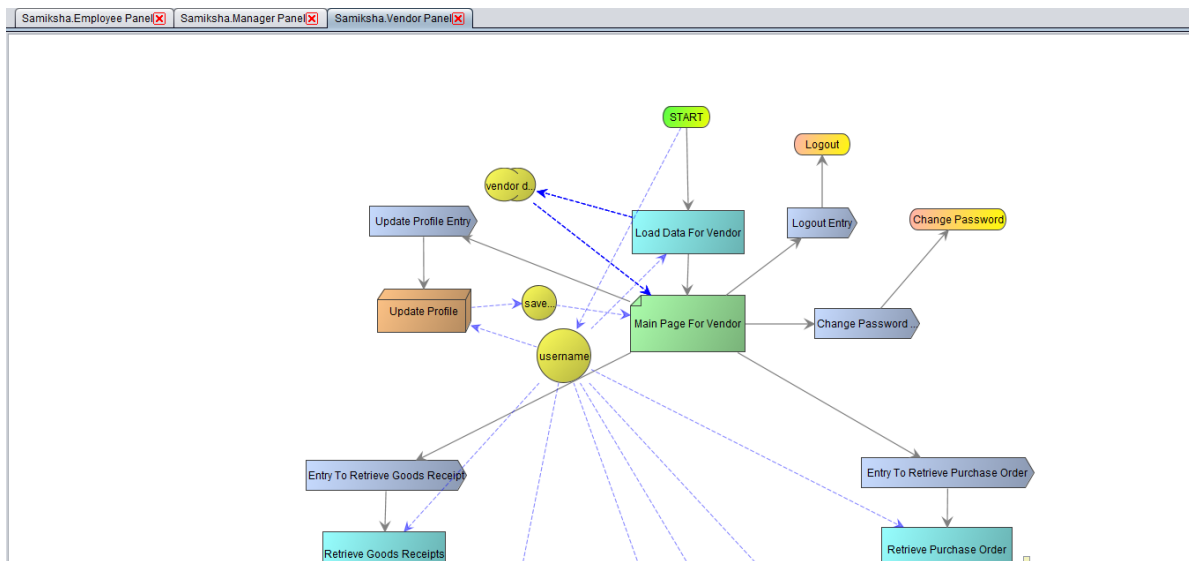
[Home >](#)

| | |
|---------------------------------|----|
| Total Invoice Created : | 23 |
| Total Invoice Approved : | 13 |
| Total Invoice Rejected: | 2 |
| Total Purchase Order Created : | 30 |
| Total Purchase Order Approved : | 20 |
| Total Purchase Order Rejected: | 3 |

Updates :

- Goods Receipt No. 567 has been approved and requests you to prepare Invoice for the respective receipt.
- Goods Receipt No. 567 has been rejected due to damaged goods delivery.
- Invoice ID 1234 has been rejected due to mistake made in calculation for the items purchased.
- Invoice ID 1654 has been approved and payment will made soon.
- Purchase Order Number 121 has came from XXX Pvt Ltd .

Xsemble Flow:



The START node will begin the process. The Load Data for Vendor Method will process the Vendor details and will display to the Main Page for Vendor. On the Main Page, they can view all the updates and status regarding Invoice and Goods Receipt. If the user needs to update their profile, the subproject (Update Profile) is used and they can update their profile. If the user wants to change their password, they can create a new password and the user can access their account. Also they can logout from the Main Page.

List of Purchase Order

The Manager of the organization will send the Purchase Order to the vendor for the delivery of goods and material. The vendor will get to know that by which organization the Purchase order has been generated. The due date for the delivery is also mentioned with the PO Number.

Wireframe:

Purchase Order List

Profile Image

[Update profile?](#)

Jacob Anthony
jacobanthony@xxx.com
+91-XXXXXXXXXX

Dashboard

View Purchase Order List

View Goods Receipt List

Change Password

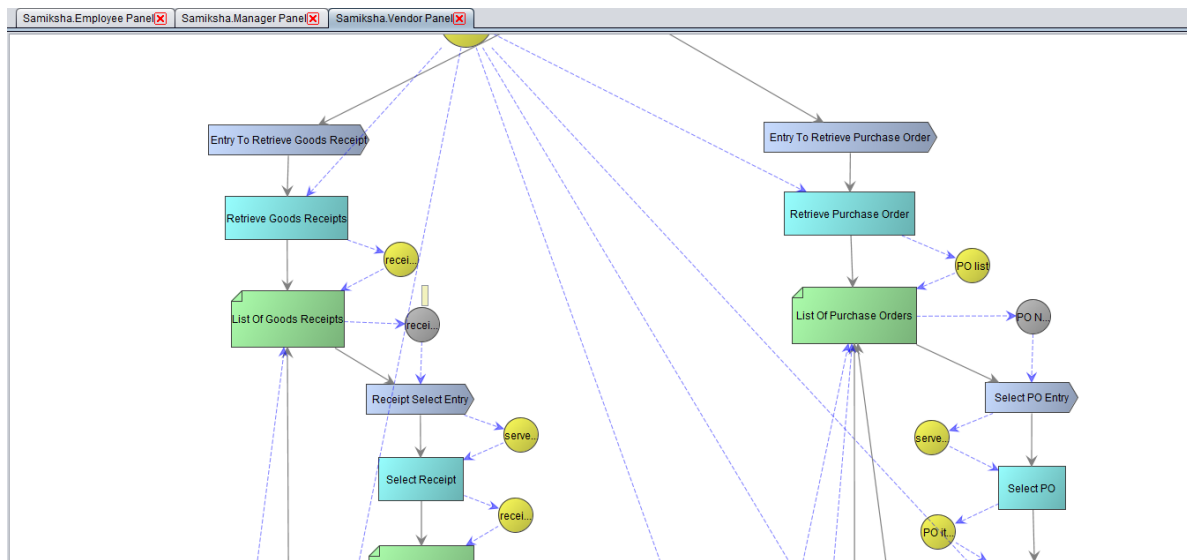
Log out

Welcome, Daneel

[Home](#) > Purchase Order List

| Organization Name | Organization ID | Purchase Order Number | Need by | |
|-------------------|-----------------|-----------------------|------------|------------------------------|
| XXXX Pvt Ltd | OR1234 | 123456 | DD/MM/YYYY | View Details |
| XXXX Pvt Ltd | OR2345 | 124535 | DD/MM/YYYY | View Details |
| XXXX Pvt Ltd | OR3456 | 126863 | DD/MM/YYYY | View Details |
| XXXX Pvt Ltd | OR4567 | 129637 | DD/MM/YYYY | View Details |
| XXXX Pvt Ltd | OR5678 | 127355 | DD/MM/YYYY | View Details |

Xsemble Flow:



The entry point for the Purchase Order is made. The Retrieve Purchase Order Method will process and retrieve the purchase orders list from the database and display it to the Vendor in List of Purchase Order page.

Purchase Order Page

According to the PO Number, the Vendor will select the Purchase Order. The vendor can view it in detail, so that they can approve or reject the order as per the information mentioned in it. The purchase order has all the items included the expected delivery date and shipping address. If the requirements are met, then the vendor will approve the Purchase order or they can reject the Purchase order with the reason.

Wireframe:

Purchase Order Details

Profile Image

[Update profile ?](#)

Jacob Anthony
jacobanthony@xxx.com
+91-XXXXXXXXXX

Welcome, Jacob

[Home](#) > [Purchase Order List](#) > Purchase Order Details

Organisation Name: XXXXXX Pvt Ltd **Vendor Name:** Mn. XXXXX
Organisation ID: XXXXXX **Vendor ID:** XXXXXX
Purchase Order No. XXXXXX
Shipping address : Celeste Slater 606-3727 Ullamcorper. Street Roseville NH 11523 (786) 713-8616
Category : XXXXXXXX
Need by : DD/MM/YYYY

| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Accept Purchase Order
 Reject Purchase Order

Reason for rejecting requisition:

Dashboard

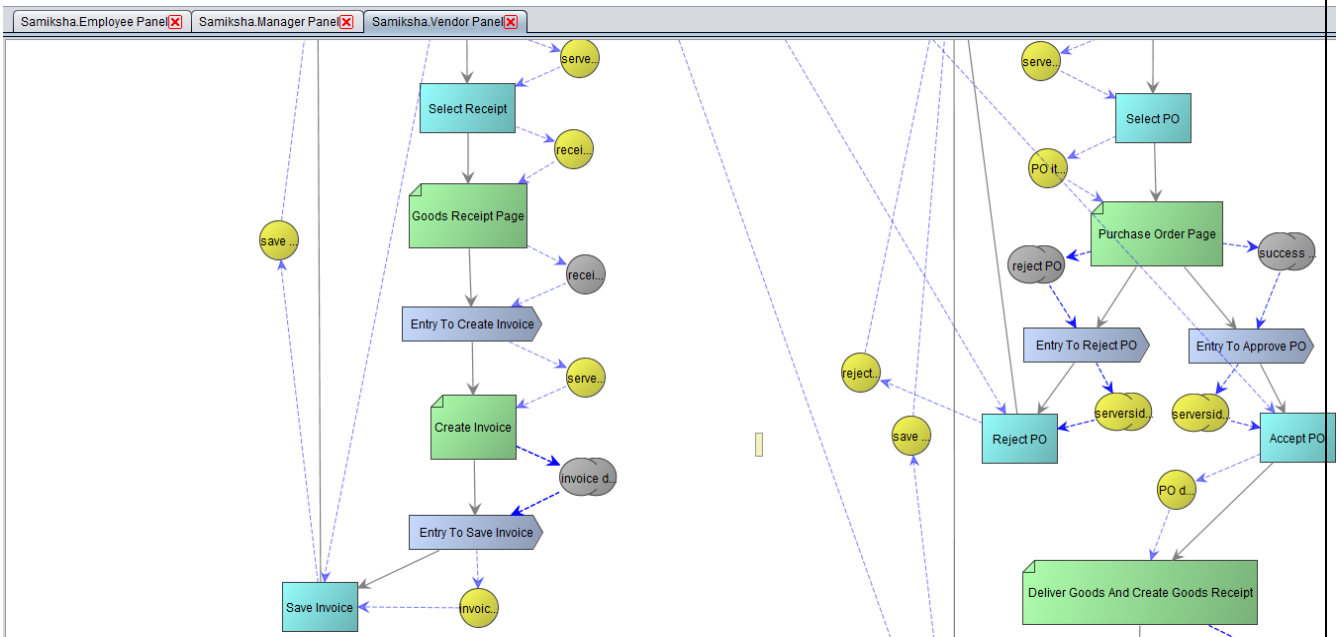
View Purchase Order List

View Goods Receipt List

Change Password

Log out

Xsemble Flow:



After the selection of Purchase Order from the list, the method Select PO will process and retrieves the respective details. The Purchase Order Page has all the detail information about the items. The vendor will review the Purchase Order. The entry points for approval and rejection is maintained. If the Purchase order gets rejected, then the method Reject PO will update reject status along with the reason for rejection in the database. These updates will be shown to the Manager panel. If Manager approves the order then, Accept PO Method will set the status and proceed further for creating Goods Receipt.

Creating Goods Receipt:

After approving the Purchase Order, Vendor will create Goods Receipt for the particular Purchase Order. It includes all details of Purchase Order and Issued Date of Goods Receipt.

Wireframe:

Create Goods Receipt

Profile Image

[Update profile ?](#)

Jacob Anthony
jacobanthony@xxx.com
+91-XXXXXXXXXX

Dashboard

View Purchase Order List

View Goods Receipt List

Change Password

Log out

Welcome, Jacob

Home > Purchase Order List > Purchase Order Details > Create Goods Receipt

Issued by :

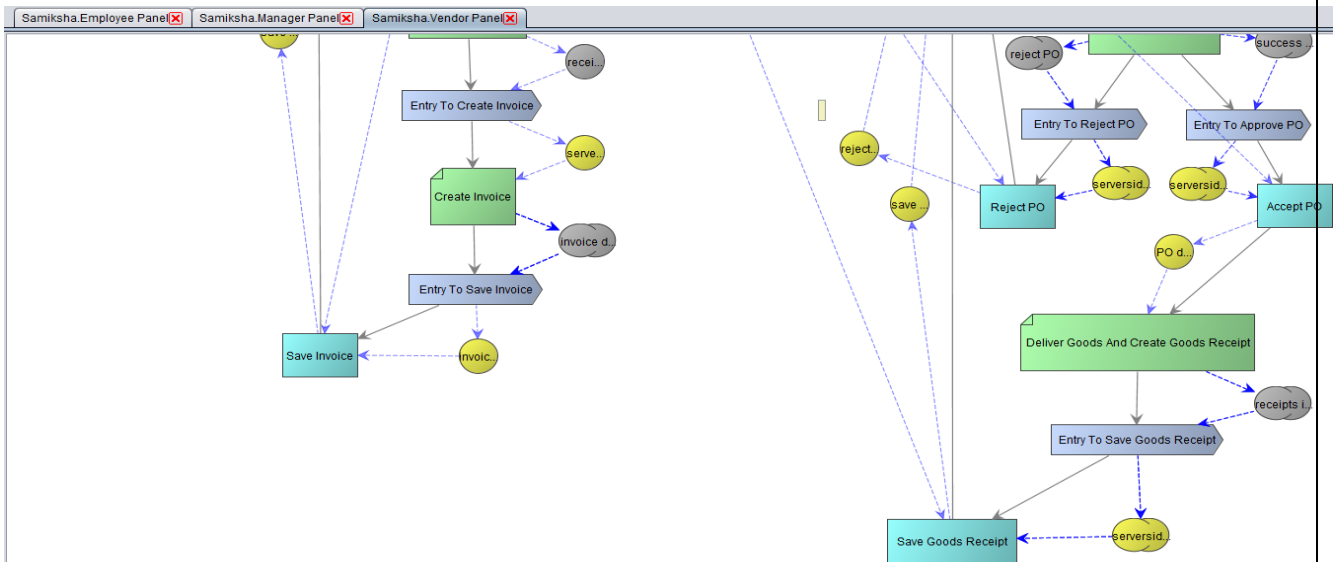
Issued Date :

Organisation Name: XXXXXX Pvt Ltd **Vendor Name:** XXXXXX Pvt Ltd
Organisation ID: XXXXXX **Vendor ID:** XXXXXX
Purchase Order No. XXXXXX

Shipping address : Celeste Slater 606-3727 Ullamcorper, Street Roseville NH 11523 (786) 713-8616
Category : XXXXXXXX
Need by : dd/MM/yyyy

| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Xsemble Flow:



After approving the Purchase Order, Goods Receipt Page will display with all the details of Purchase Order, Issued by and Issued Date. The Save Goods Receipt Method will store the Goods Receipt in the database and sent the control back to the List of Purchase Order Page.

List of Goods Receipt:

The vendor can view the list of approved Goods Receipt in the list of Goods Receipt Page. Here, users can view the essential details like Organization detail, Receipt ID and PO Number. By clicking on the View Detail button, users can see the detail view of the Goods Receipt.

Wireframe:

Goods Receipt List

Profile Image

Update profile ?

Jacob Anthony
jacobanthony@xxx.com
+91.XXXXXXXXXX

- Dashboard
- View Purchase Order List
- View Goods Receipt List
- Change Password
- Log out

Welcome, Daneel

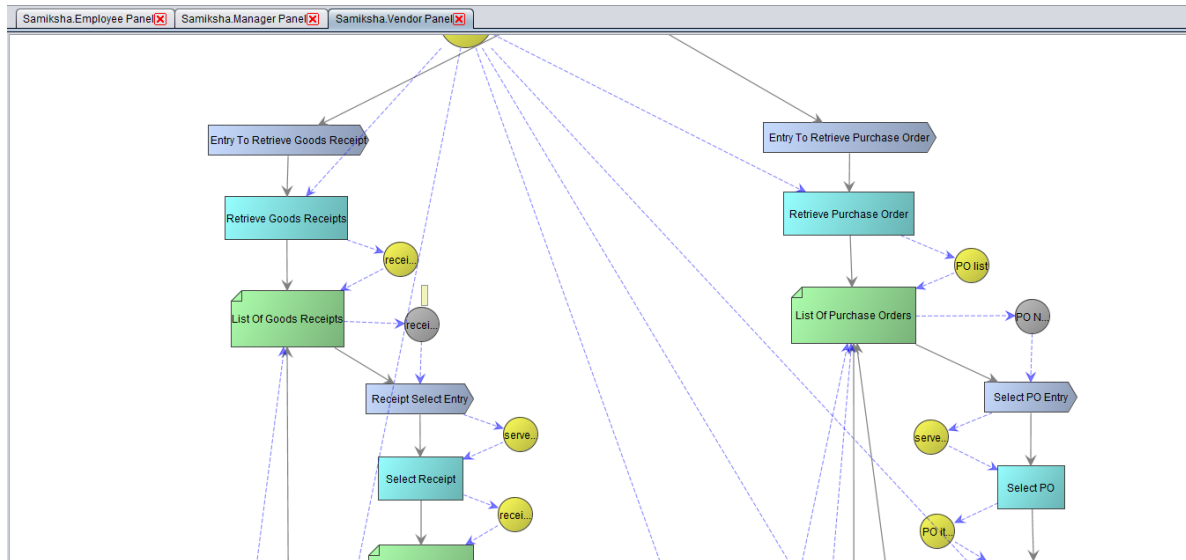
Home > Goods Receipt List

| Organisation ID | Organisation Name | Receipt ID | PO Number | |
|-----------------|-------------------|------------|-----------|--------------|
| XXXXX | XXXX Pvt Ltd | R123456 | PO1234 | View Details |
| XXXXX | XXXX Pvt Ltd | R124535 | PO2345 | View Details |
| XXXXX | XXXX Pvt Ltd | R126863 | PO3456 | View Details |
| XXXXX | XXXX Pvt Ltd | R129637 | PO4567 | View Details |
| XXXXX | XXXX Pvt Ltd | R127355 | PO5678 | View Details |

Only those goods receipts will appear here whose status is approved.

Xsemble Flow:

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The Retrieve Goods Receipt Method will retrieve the Goods Receipt list from the database and display it to the List of Goods Receipt Page.

Goods Receipt Page:

This page includes Organization, Vendor and Order details of the selected Goods Receipt. Here, we can move forward to create the Invoice for the particular approved Receipt.

Wireframe:

Goods Receipt Page

Profile Image

[Update profile ?](#)

Jacob Anthony
jacobanthony@xxx.com
+91-XXXXXXXXXX

Dashboard

View Purchase Order List

View Goods Receipt List

Change Password

Log out

Welcome, Jacob

Home > Goods Receipt List > Goods Receipt

Receipt ID : XXXXXX

Issued by : Mr. XXXXXX

Issued Date : DD/MM/YYYY

Status : Approved

Organisation ID : XXXXXX

Organisation Name : XXXXX Pvt Ltd

Vendor ID : XXXXXX

Vendor Name : Mr. XXXXX

Purchase Order No. : XXXXXX

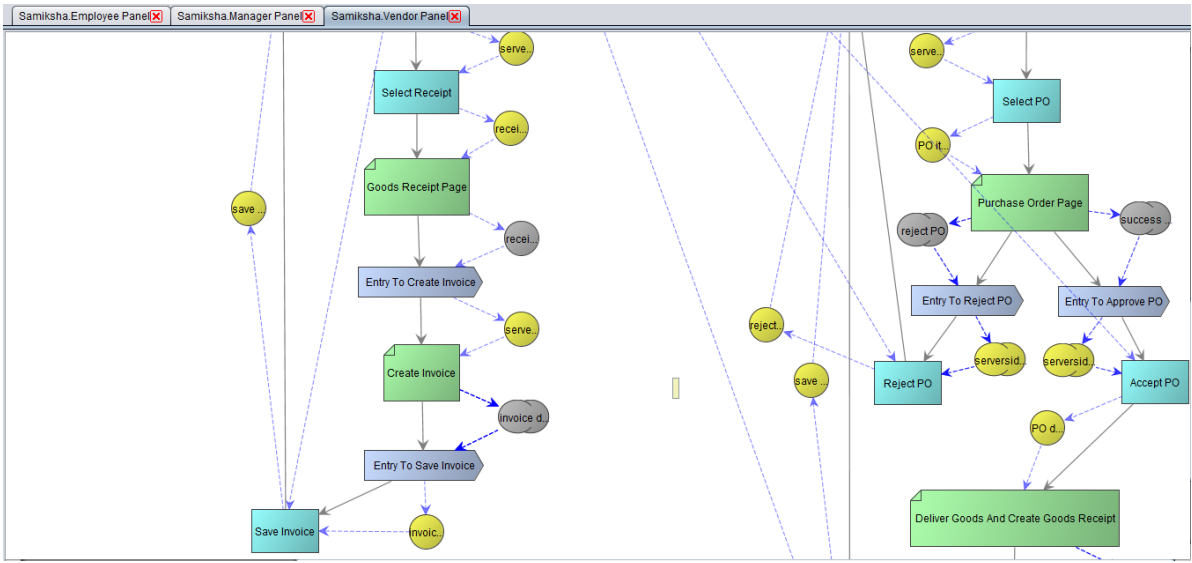
Shipping address : Celeste Slater 606-3727 Ullamcorper, Street Roseville NH 11523 (786) 713-8616

Category : XXXXXXXX

Need by : DD/MM/YYYY

| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Xsemble Flow:



The Select Receipt Method will process and retrieve the Goods Receipt details from the database. According to the selected Receipt ID, the Goods Receipt page will display. For the selected Goods Receipt, the Vendor will create the Invoice for it.

Creation of Invoice:

After the approval of Goods Receipt, the vendor will create the invoice. The invoice contains the item details, Purchase Order Number and the Goods Receipt ID. The total amount as well as the discount strictly calculated according to the items specified in the items list. If the company wants to allow the discount, then also it will be calculated by the system itself.

Wireframe:

Invoice Creation

Profile Image

Update profile ?

Jacob Anthony
jacobanthony@xxx.com
+91-XXXXXXXXXX

Dashboard

View Purchase Order List

View Goods Receipt List

Change Password

Log out

Welcome, Jacob

Home > Goods Receipt List > Goods Receipt > Invoice Creation

Total amount and discount should be calculated according to the items specified in the item list. If company wants to allow discounts then also it will be calculated by the system

Invoice Issued By :

Invoice Issued Date :

Total Amount Calculated : \$XXXXX.XX

Total Discount Allowed : \$XXX.XX

Vendor Info

Vendor ID : XXXXXX

Vendor Name : XXXX Pvt Ltd

Receipt Info

Receipt ID : XXXXXX

Issued by : Mr. XXXXXX

Issued Date : DD/MM/YYYY

Status : Approved

Organisation Info

Organisation ID : XXXXXX

Organisation Name : XXXX Pvt Ltd

Purchase Order No. XXXXXX

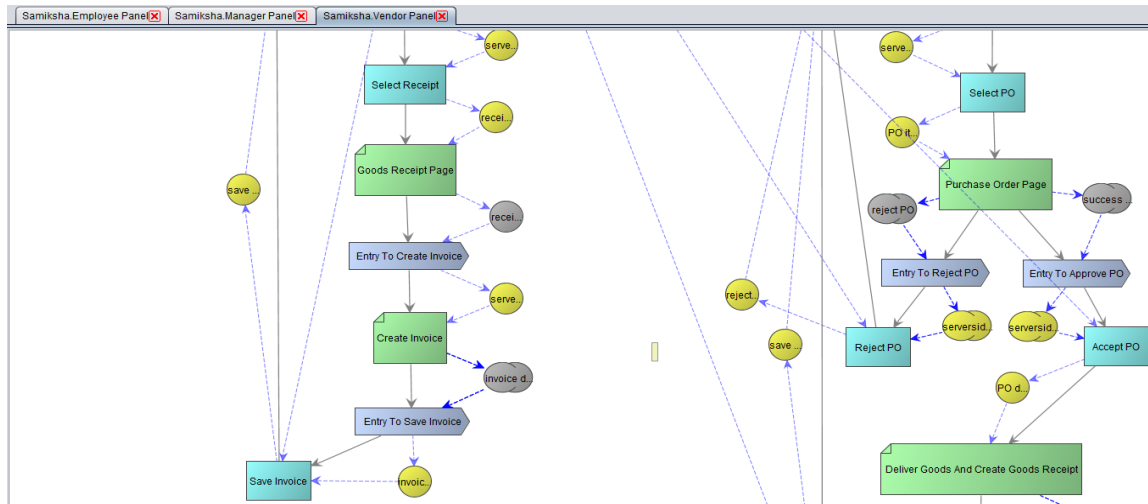
Shipping address : Celeste Slater 606-3727 Ullamcorper. Street Roseville NH 11523 (786) 713-8616

Category : XXXXXXXX

Need by : DD/MM/YYYY

| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Xsemble Flow:



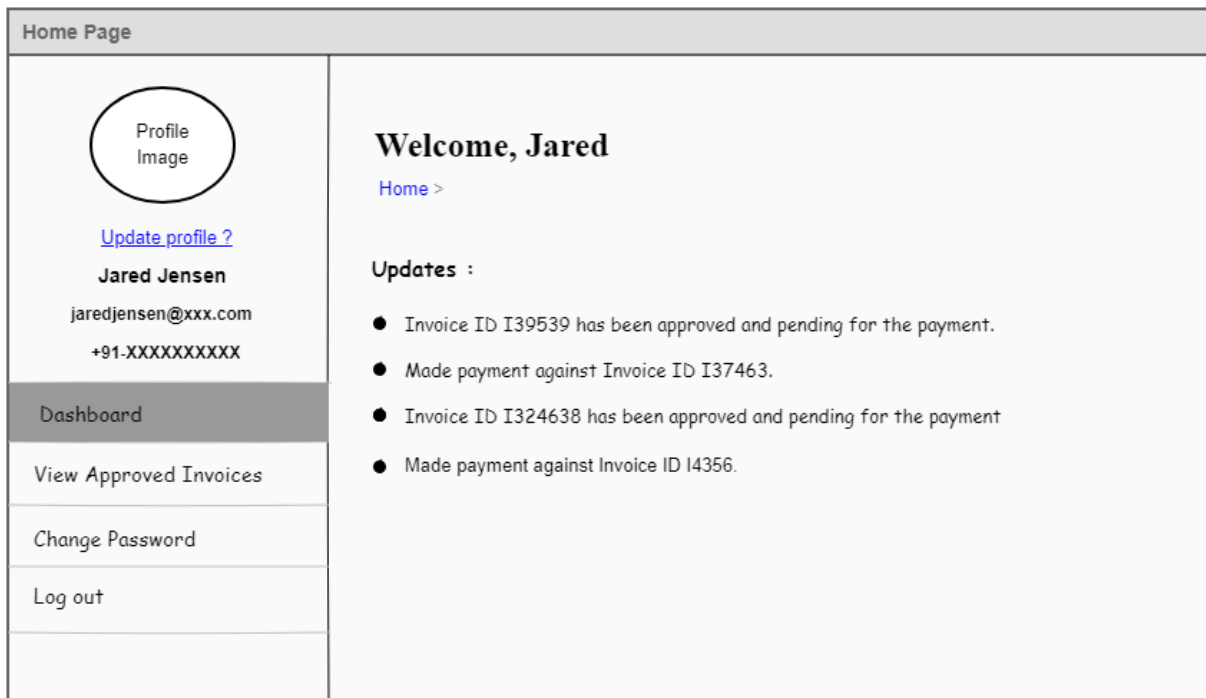
The vendor will specify the name and Issued date and the system will automatically calculate the net amount, total discount for the particular order. It also contains organizations detail and vendor detail. Save Invoice Method will successfully save the Invoice to the database. It also displays the message to the vendor and sends back control to the List of Goods Receipt Page.

Finance Manager Panel

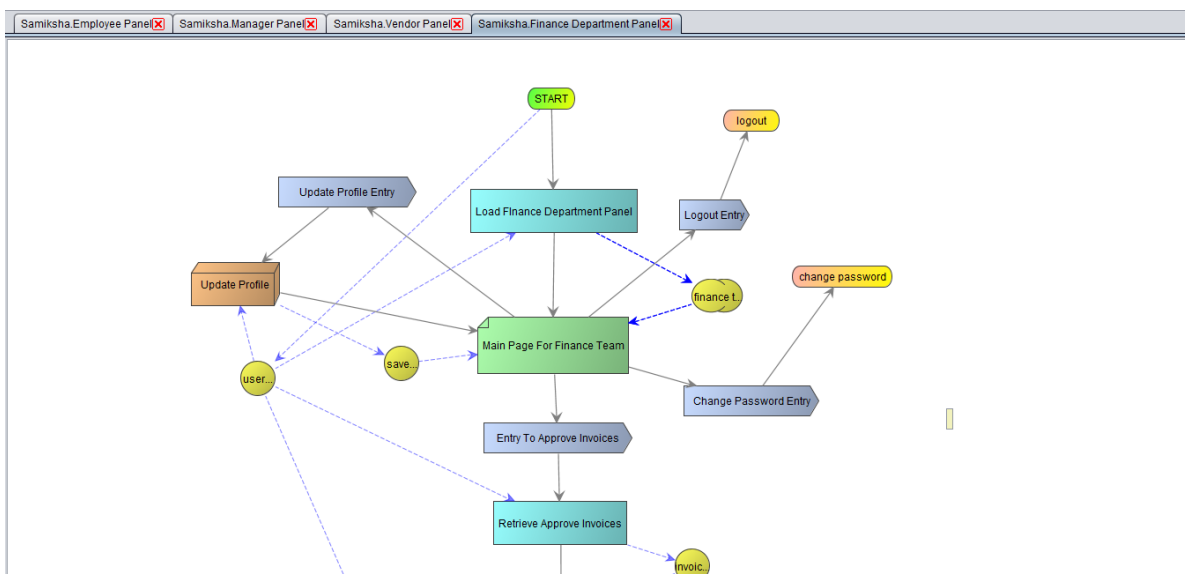
Home Page for Finance Manager

The Finance Manager will log in to the system and then they can view all the updates on the dashboard. They can view the approved Invoices. Also, they can view the updates for pending payment.

Wireframe:



Xsemble Flow:



The START node will begin the process. The Load Finance Department Panel Method will process the Finance Manager details and the Main Page for the Finance Department will display. In the Main Page, the Finance Manager will get to know all the updates and status. If the user needs to update their profile, the subproject (Update Profile) is used and they can update their profile. If the user wants to change their password, they can create a new password and the user can access their account. Also they can logout from the Main Page.

List of Approved Invoices

The Manager will approve the Invoice created by the vendor and then sent it to the Finance Manager for the payment of the goods and material. The Invoice contains the name and ID of the vendor. The Finance Manager can view the details to make further payment.

Wireframe:

Approved Invoice List

Profile Image

[Update profile ?](#)

Jared Jensen
jaredjensen@xxx.com
+91-XXXXXXXXXX

Dashboard

View Approved Invoices

Change Password

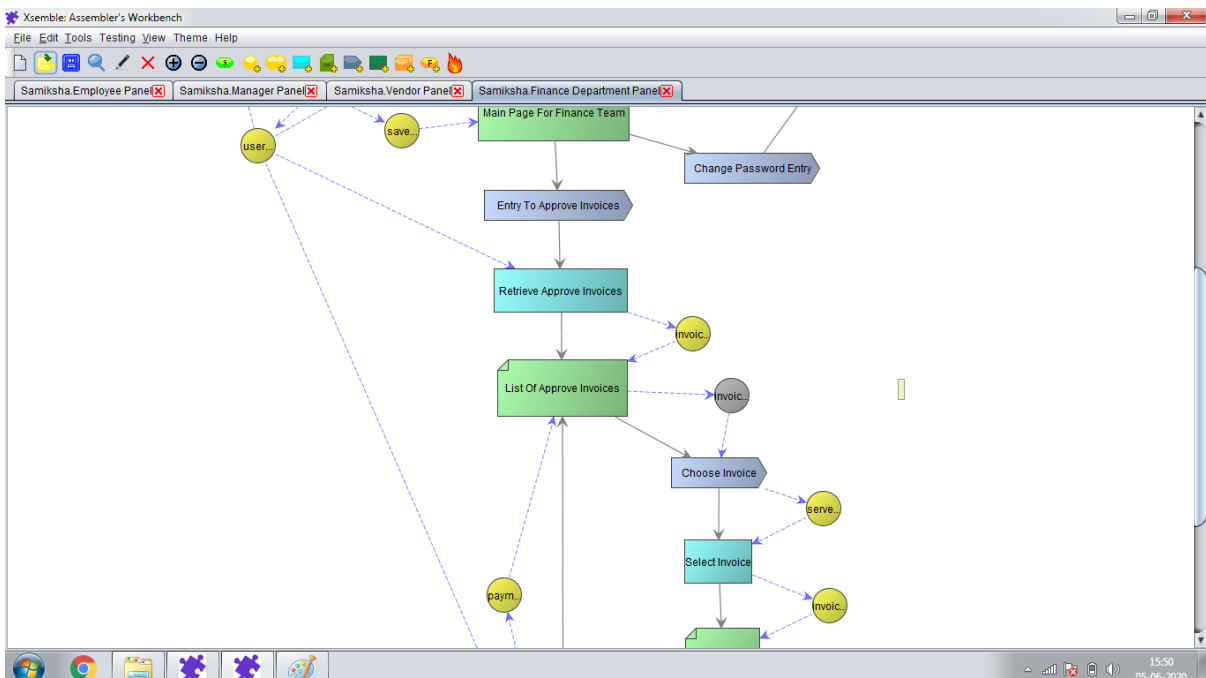
Log out

Welcome, Jared

[Home](#) > [Approved Invoices List](#)

| Vendor ID | Vendor Name | Invoice ID | Invoice Issued Date | |
|-----------|-------------|------------|---------------------|------------------------------|
| V123456 | Mr. XXXX | I123456 | DD/MM/YYYY | View Details |
| V124535 | Mr. XXXX | I124535 | DD/MM/YYYY | View Details |
| V126863 | Mr. XXXX | I126863 | DD/MM/YYYY | View Details |
| V129637 | Mr. XXXX | I129637 | DD/MM/YYYY | View Details |
| V127355 | Mr. XXXX | I127355 | DD/MM/YYYY | View Details |

Xsemble Flow:




After login to the system, the Main Page for Finance Manager will display. The Retrieve Approved Invoices Method process and retrieve data from the database. The page with a list of all the Invoices will display. An entry point is used to select one Invoice from the list. The Select Invoice method will retrieve data for the Selected Invoice.

Invoice Details

The Finance Manager will view the Invoice details. If the details are correctly mentioned, then they will make the payment for the respective Invoice.

Wireframe:

Invoice Details



Profile Image

[Update profile ?](#)

Jared Jensen
jaredjensen@xxx.com
+91-XXXXXXXXXX

Dashboard

View Purchase Order List

View Goods Receipt List

Change Password

Log out

Welcome, Jared

[Home](#) > [Goods Receipt List](#) > Invoice Details

Invoice ID : I10023

Invoice Issued Date : DD/MM/YYYY

Total Amount Calculated : \$XXXXX.XX

Total Discount Allowed : \$XXX.XX

Organisation Info

Organisation ID : XXXXXX

Organisation Name : XXXX Pvt Ltd

Receipt Info

Receipt ID : XXXXXX

Issued by : Mr. XXXXXX

Issued Date : DD/MM/YYYY

Status : Approved

Vendor Info

Vendor ID : XXXXXX

Vendor Name : Mr. XXXXXX

Purchase Order No. : XXXXXX

Shipping address : Celeste Slater 606-3727 Ullamcorper, Street Roseville NH 11523 (786) 713-8616

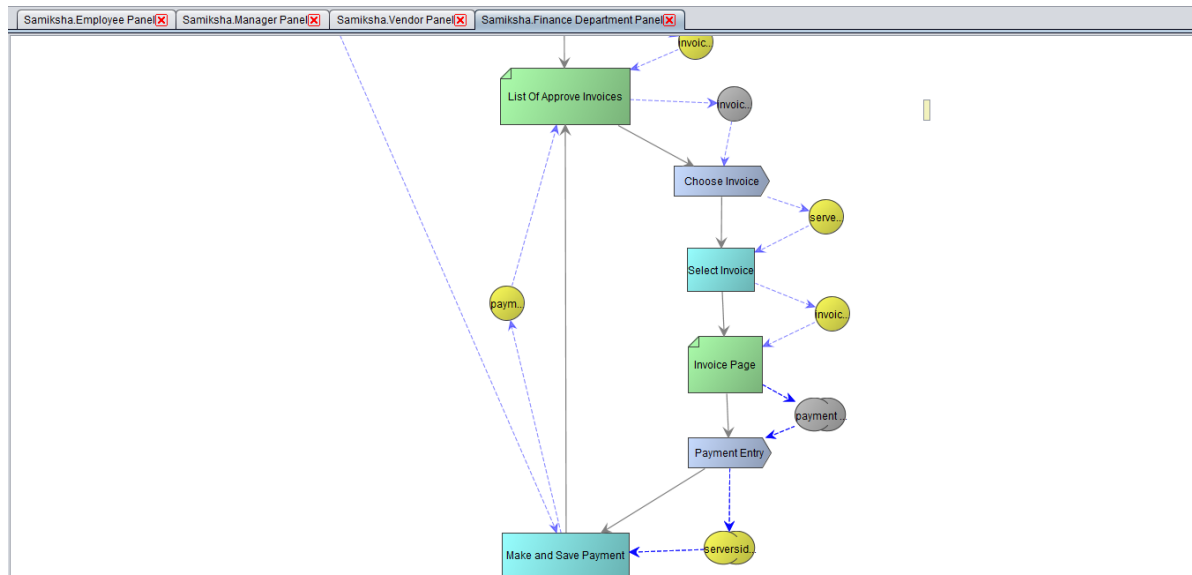
Category : XXXXXXXX

Need by : DD/MM/YYYY

| Item ID | Item Name | Price | Quantity | UOM |
|---------|-----------|-------|----------|------|
| 101 | XXXX | \$XX | 5 | Each |
| 111 | XXXX | \$XX | 8 | Each |
| 201 | XXXX | \$XX | 6 | Each |
| 187 | XXXX | \$XX | 5 | Each |

Made Payment

Xsemble Flow:



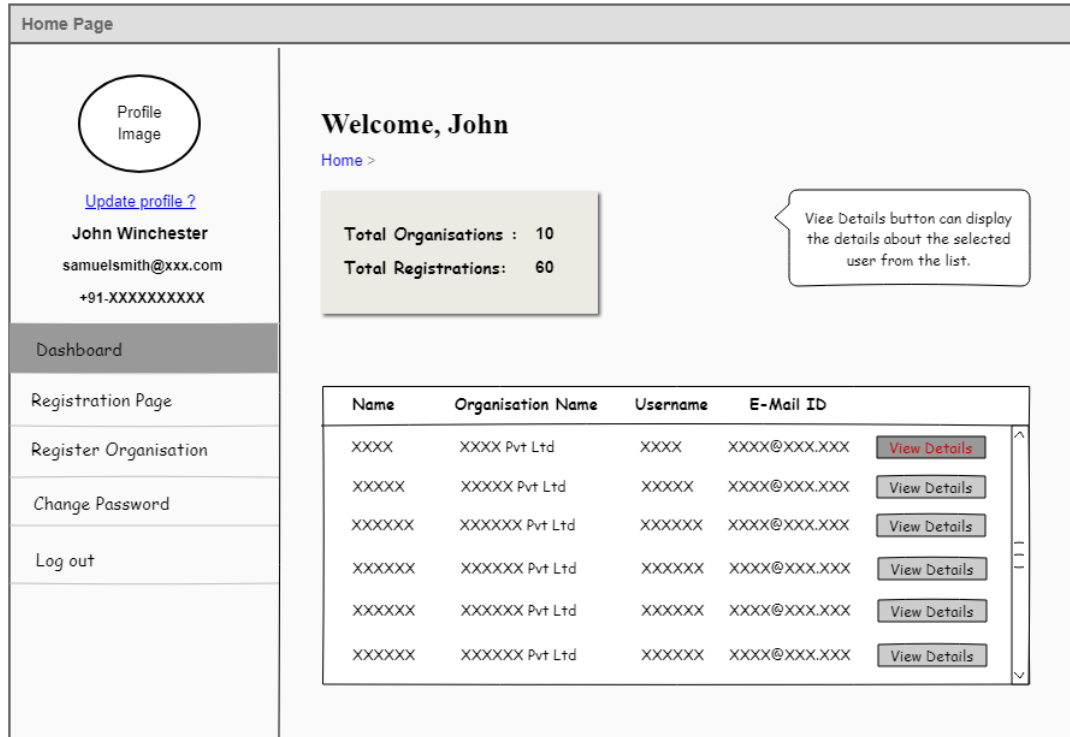
The Invoice page will display the Invoice details. The Make and Save Payment Method will make payment to the vendor's account and stores the payment details in the database.

Admin Panel

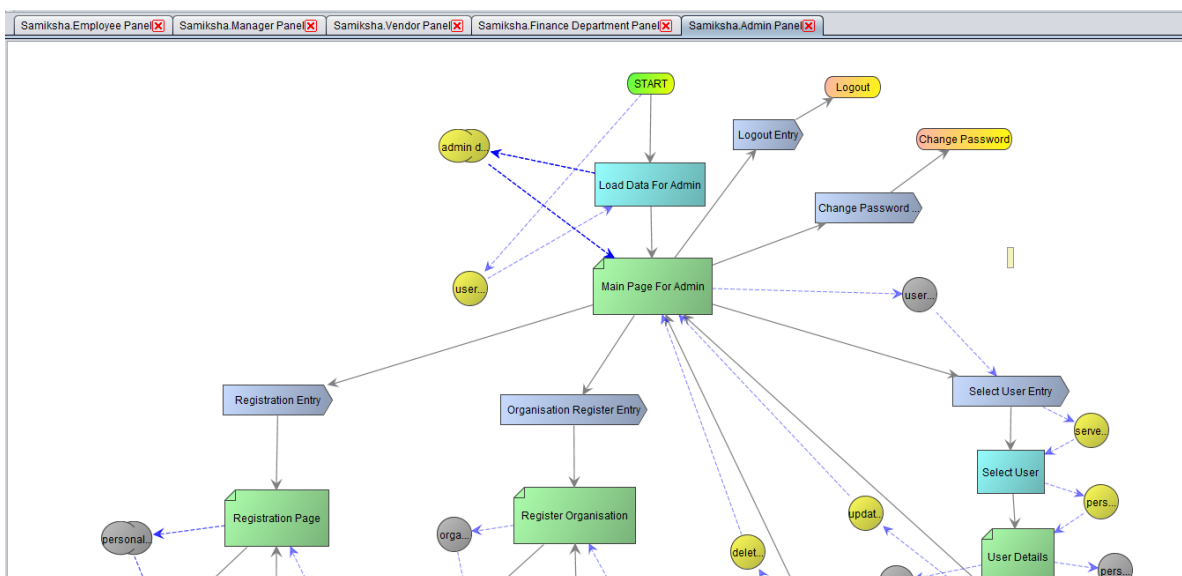
Home Page for Admin

Admin can log in to the system. He has the only right to register the new user. They can check how many organizations are there. They can also register the new organization to the system. Functionalities such as change password or update profile can also be used by the Admin. In the dashboard, they can view the list user and their respective organization. They can click on the view details button to make several operations.

Wireframe:



Xsemble Flow:




The START node will begin the process. The Load Data for the Admin Method will process the Admin details and the Main Page for Admin will display. In the Main

Page, the Admin will get to know all the updates and status. If the user needs to update their profile, the subproject (Update Profile) is used and they can update their profile. If the user wants to change their password, they can create a new password and the user can access their account. Also they can logout from the Main Page.

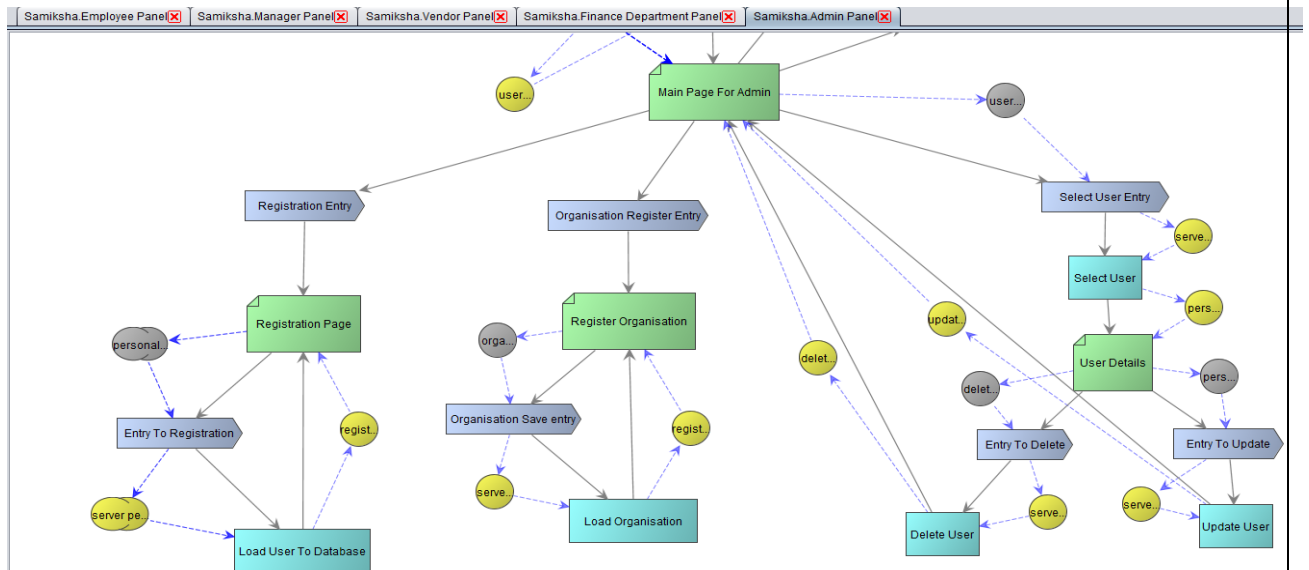
User Details

The user details will be shown on the User Details Page. If the admin wants to update the user, then they can use the Update Profile button to modify the user detail. Admin can also delete the user from this page. The status for both will be updated on the Admin Home Page.

Wireframe:

| User Details | |
|--|--|
| <div style="text-align: center;"><p>Profile Image</p><p>Update profile ?</p><p>John Winchester samuelsmith@xxx.com +91-XXXXXXXXXX</p></div> <div style="background-color: #cccccc; padding: 2px;">Dashboard</div> <div style="padding: 2px;">Registration Page</div> <div style="padding: 2px;">Register Organisation</div> <div style="padding: 2px;">Change Password</div> <div style="padding: 2px;">Log out</div> | <h2>Welcome, John</h2> <p>Home > User Details</p> <p>Select Organisation Name : <input type="text" value="Lnt Pvt Ltd"/></p> <p>Name : <input type="text" value="Mr. Jackson Edward"/></p> <p>Email : <input type="text" value="jackson2001@gmail.com"/></p> <p>Username : jacksonEdward2001</p> <p>Contact : <input type="text" value="+1-8757956807"/></p> <p>Address : <input type="text" value="Ina Burt Ap #130-1685 Ut Street Tyler KS 73510 (410) 483-0352"/></p> <p>Upload Image : <input type="text" value="133 x 111"/> <input type="button" value="Upload"/></p> <div style="text-align: right;"><input type="button" value="Update Profile"/> <input type="button" value="Delete Profile"/></div> |

Xsemble Flow:



The Select User Method will retrieve the user details from the database. The detail of the user will display in the User Details Page. Update User Method will overwrite the existing detail of the user and Delete User Method will delete the user permanently.

Registration Page

Admin can register the user into the system. The organization name needs to be selected for which they are working. The detail information of the user needs to specify to register any user into the system. By clicking the Register button user gets register into the system.

Wireframe:

Registration Page

Update profile ?

John Winchester
johnwinchester@xxx.com
+91-XXXXXXXXXX

Dashboard

Registration Page

Register Organisation

Change Password

Log out

Welcome, John

Home > Registration Page

User have to select to they are orking for which organisation

Select Organisation Name : <<SELECT> ▼

Name :

Email :

Username :

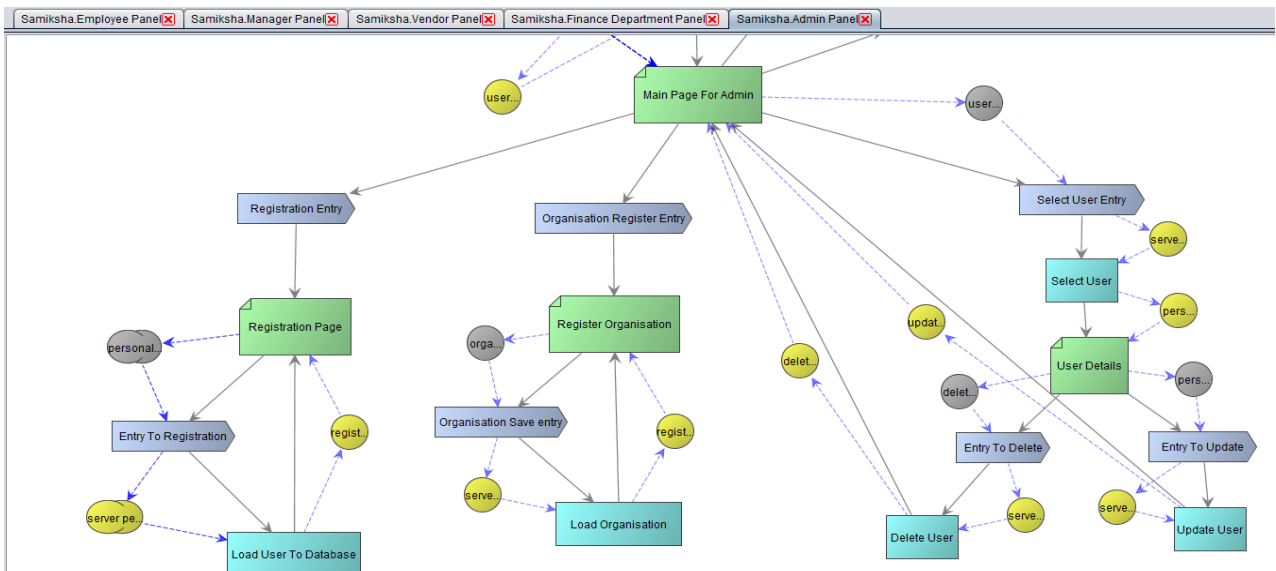
Password :

Contact :

Address :

Upload Image :

Xsemble Flow:

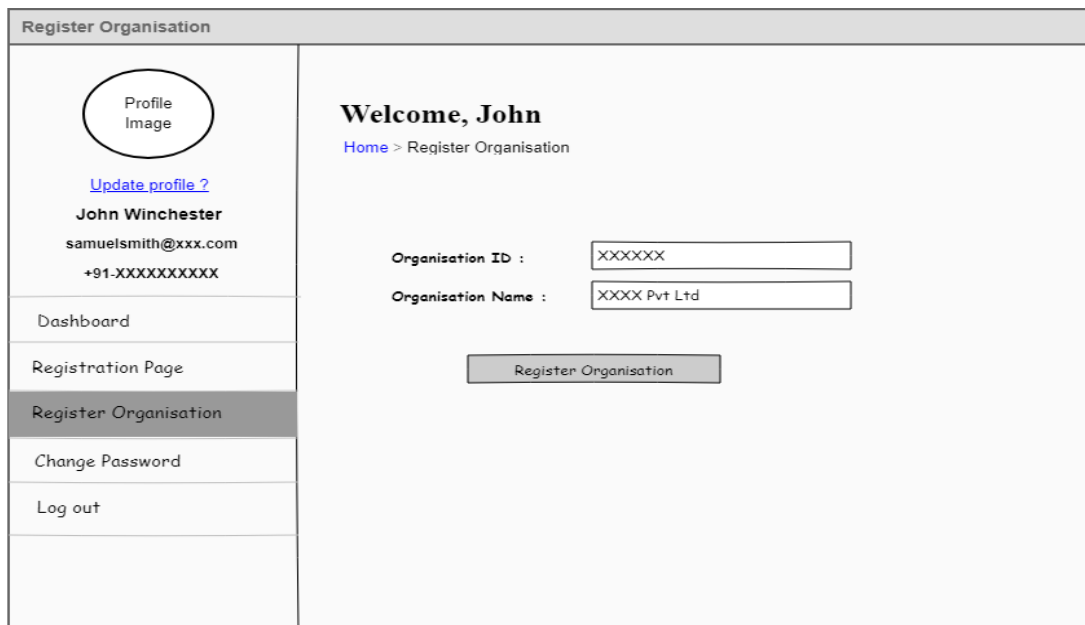


The Registration Page will display a form to the admin. Admin needs to fill the mandatory details of the user like username, password, E-mail and contact. The Load User to Database Method will save the user details into the database.

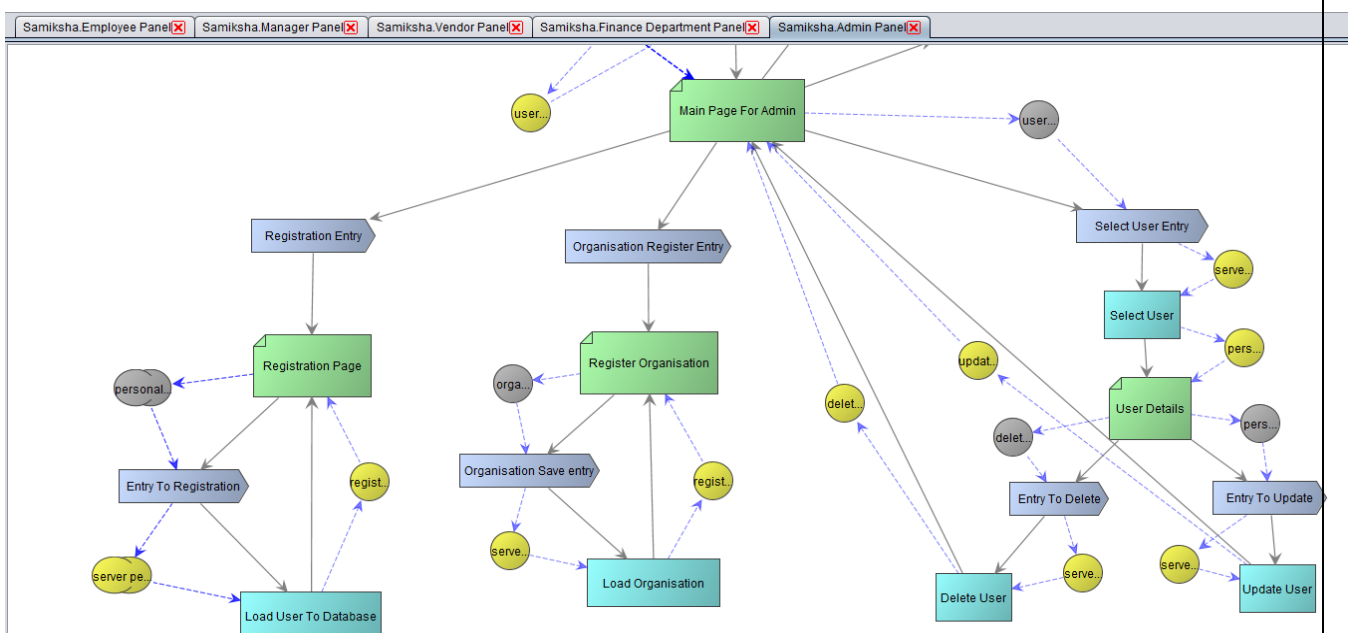
Register Organisation

The Admin can register the new organization into the system which contains the organization's name and ID.

Wireframe:



Xsemble Flow:



The admin can register the organization in the system. An entry point is made to register the organization. The Register Organization page appears. The Load Organization Method loads the organization into the database.

Forgot Password Functionality

If any user wants to log in to the system, but if they won't remember their password then they can change password by clicking on the forget password link. Here, the user has to specify their register E-mail. The code will have sent to their E-mail and then they need to enter it to set the new password for their account. By entering the new password, they can successfully login to the system.

Wireframe:

Forgot Password

[Login Page](#) > Forgot Password

E-Mail ID or Contact No.:

Proceed

Set Password

[Login Page](#) > [Forgot Password](#) > [Enter Code](#) > Set Password

Enter Password :

Re-Enter Password :

Change Password

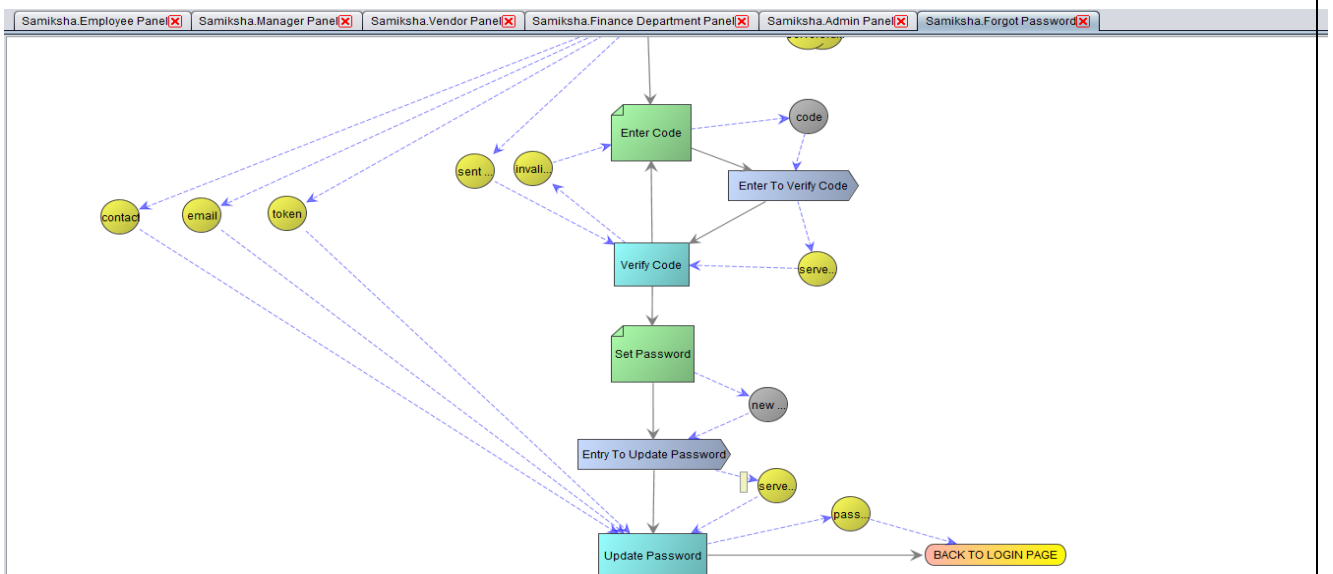
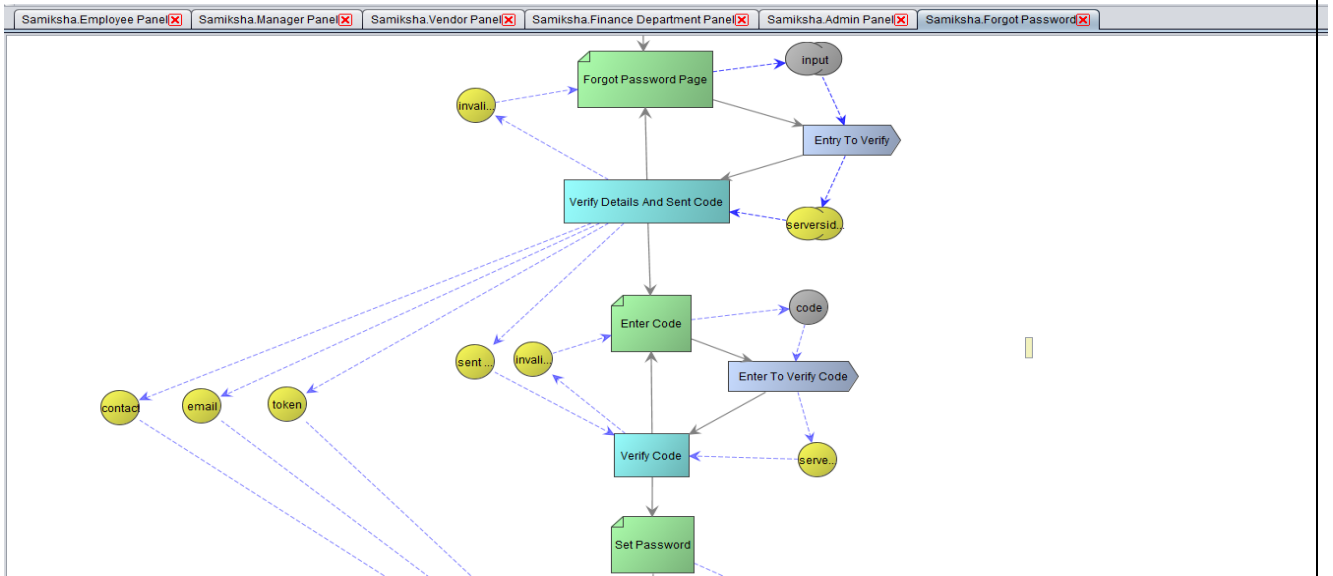
Enter Code

[Login Page](#) > [Forgot Password](#) > Enter Code

Enter Verification Code :

Proceed

Xsemble Flow:



If the user forgets the password, then to change password further procedure will be followed. Forget Password page will ask the user to enter E-mail or contact number. The Verify Detail and Send Code Method will verify E-mail/contact. If the details verified successfully, the system will send a code to their E-mail. Enter Code Page will display, where user needs to enter the code which has been sent to their E-mail. The Verify Code Method will validate the code. The entered code get match then user can view Set Password Page. From here the user can set the new password and Update Password Method will update password for the particular user.

Change Password and Update Profile:

Change password and update profile functionality is common for all the users. They can change and update the profile as per the requirement.

Wireframe:

Change Password

Profile Image

[Update profile ?](#)

Samuel Smith
samuelsmith@xxx.com
+91-XXXXXXXXXX

Dashboard

Create Purchase Requisition

Change Password

Log out

Welcome, Samuel

[Home](#) > Change Password

Change Password functionality is common to all users. I take an Employee Panel to display this functionality. Every user can access this page.

Enter Old Password :

Enter New Password :

Update Profile

Profile Image

[Update profile ?](#)

Samuel Smith
samuelsmith@xxx.com
+91-XXXXXXXXXX

Dashboard

Create Purchase Requisition

Change Password

Log out

Welcome, Samuel

[Home](#) > Update Profile

Update Profile functionality is common to all users. I take an Employee Panel to display this functionality. Every user can access this page.

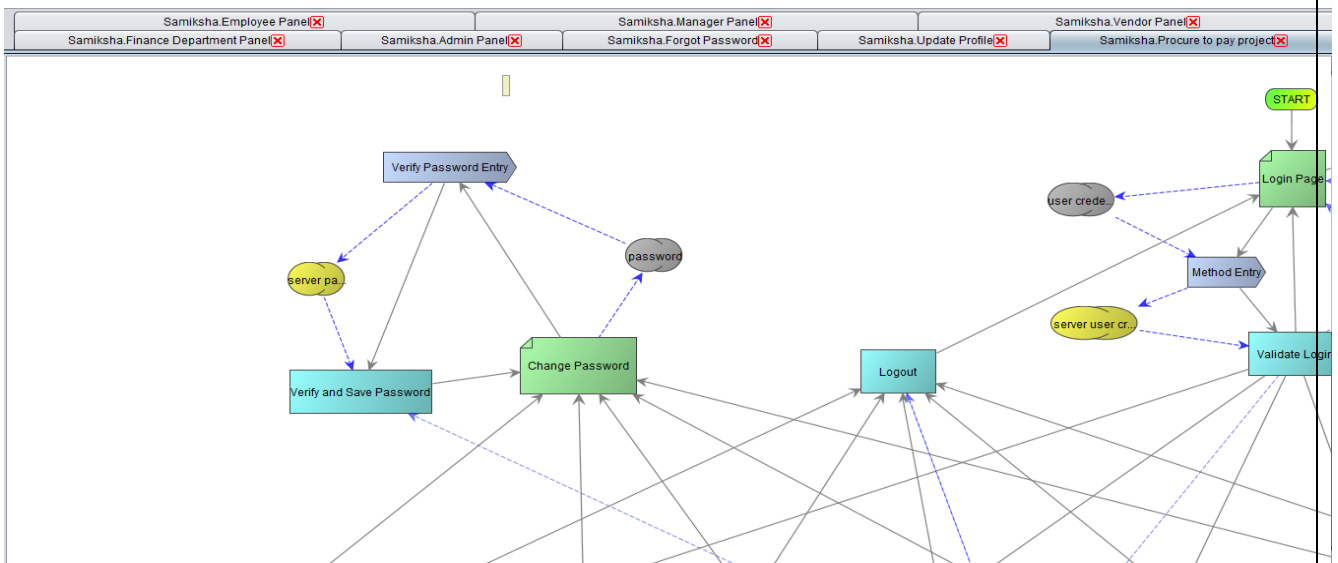
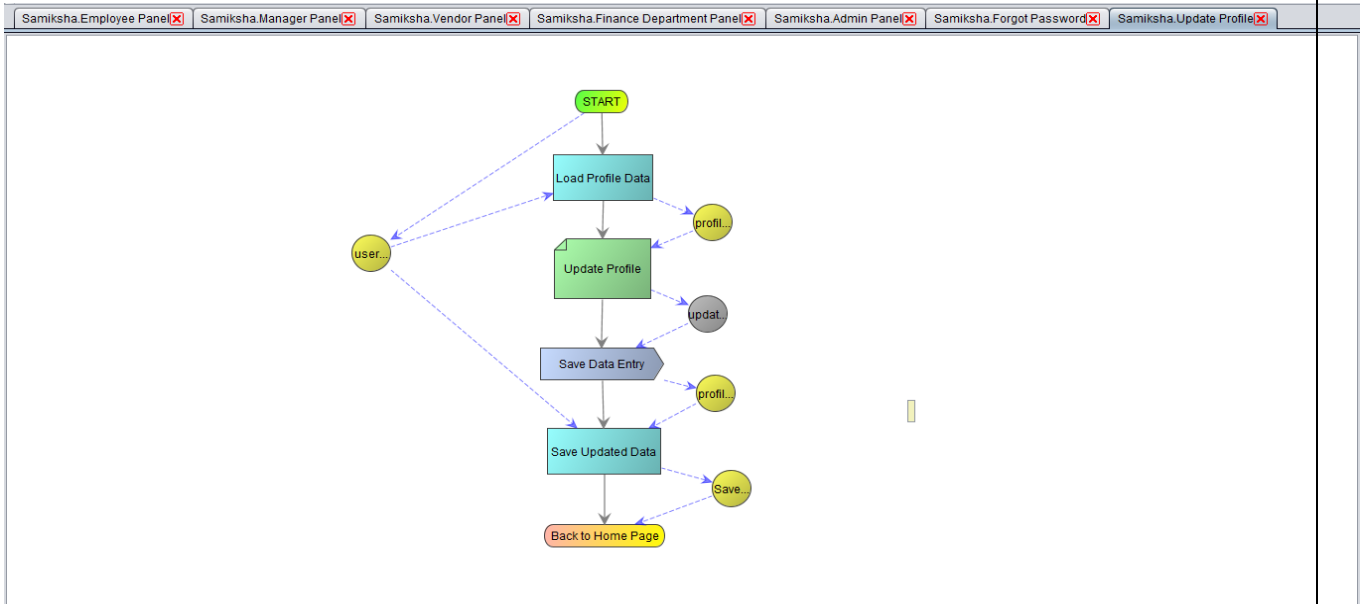
Name :

Contact :

Address :

Image :

Xsemble Flow:



The START node will start the process. The Load Profile Data Method will retrieve the user profile from the database. The Update Profile Page will display in which the user can update their information. The Save Updated Data Method will process and save the updated information into the system.

The Change Password Page ask user to enter old and new password. The Verify and Save Password Method will verify the old password and updates the new password.