Dhanapurti

Annona IT Solutions Pvt Ltd

We proudly launch our flagship product '**Dhanapurti**' which will help banks/Financial institutions in managing the entire Supply Chain Finance.

HIGHLIGHTS OF THE SYSTEM:

- User friendly.
- Covers all parts of Supply Chain Finance. **Contains 900+ screens.**
- Roboust Security.
- Highly interoperable.
- Integrated animated screens and videos for business flows.

Technical Aspects

TECHNICAL ASPECTS

Environment

- Frameworks - Spring 3.1, JPA 2, JQuery, JavaScript, JSP
- Eclipse IDE ,Tomcat 8.0, JDK 7.0
- Database - PostgreSQL

Role Based Screens

ANNONA IT SOLUTIONS PVT. LTD

Username

Password

LOGIN

Forgot password?

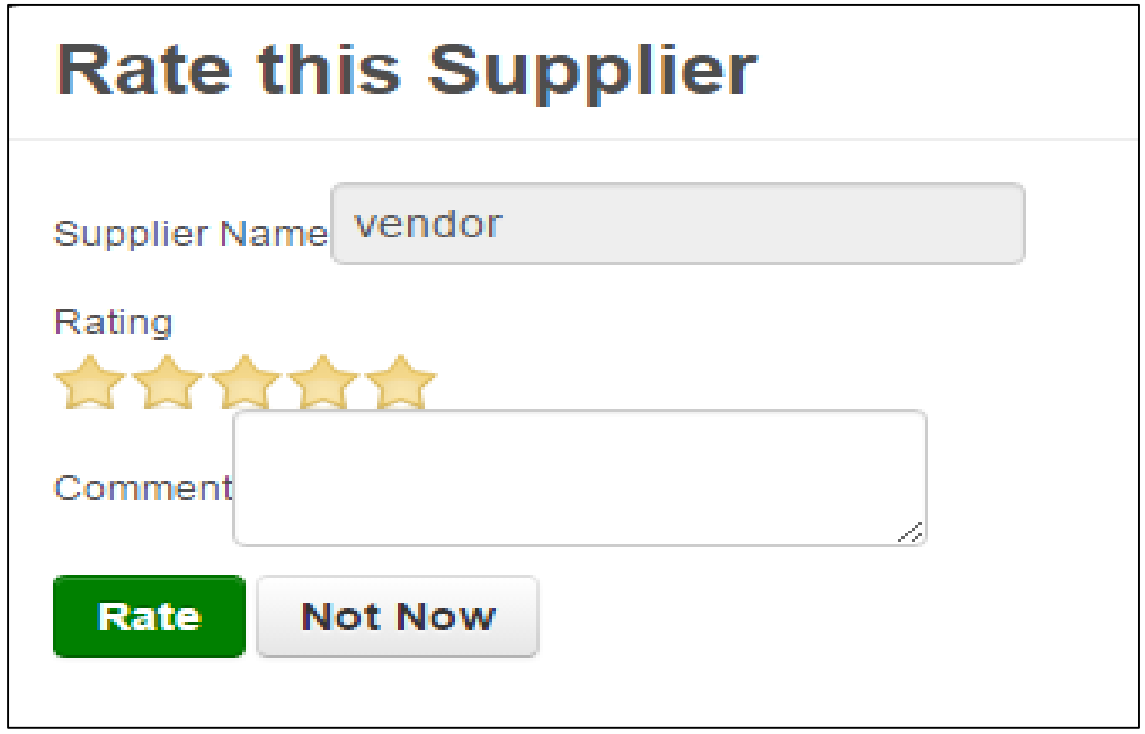
Supports 16 major Languages

- English
- Hindi
- Spanish
- German
- French
- Italian
- Arabic
- Portuguese
- Chinese
- Japanese
- Russian
- Bulgarian
- Hungarian
- Czech
- Ukrainian
- Croatian

User based Themes

Automatic Email Notifications

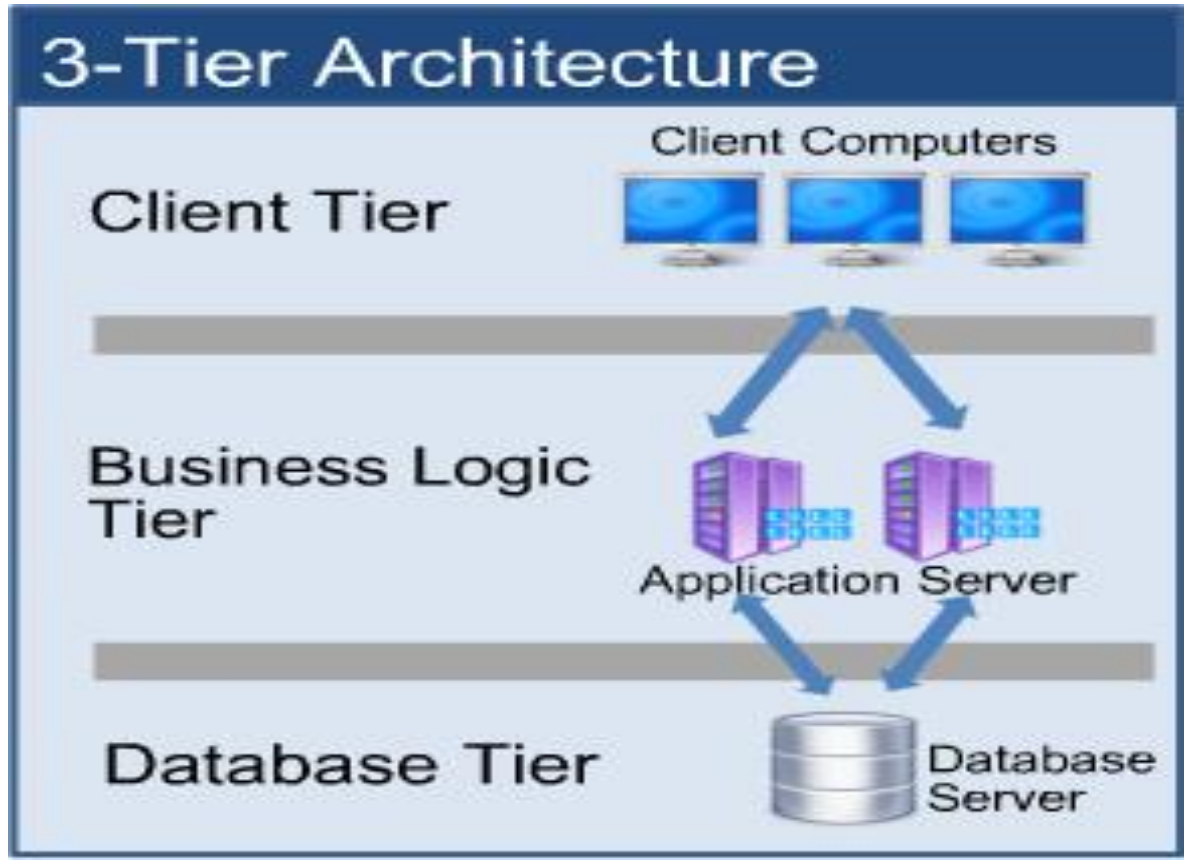
Dynamic Rating System



Configurable Database

```
<properties>
<property name="javax.persistence.jdbc.url"
value="jdbc:postgresql://localhost:5432/postgres" />
<property name="javax.persistence.jdbc.driver"
value="org.postgresql.Driver" />
<property name="javax.persistence.jdbc.user"
value="postgres" />
<property name="javax.persistence.jdbc.password"
value="1234" />
<property name="hibernate.dialect"
value="org.hibernate.dialect.PostgreSQLDialect" />
<property name="hibernate.hbm2ddl.auto" value="update" />
```

3 Tier Architecture



Validations Framework

Buyer Company Name*	Enter Company Name
	Please Fill in Data
Buyer Bank*	select a Value
	Please Fill in Data
Buyer Bank Email*	Enter Bank Email
	Please Fill in Data
Buyer Bank Branch*	Enter Buyer Bank Branch
	Please Fill in Data
Address*	Enter Address
	Please Fill in Data

Other Features

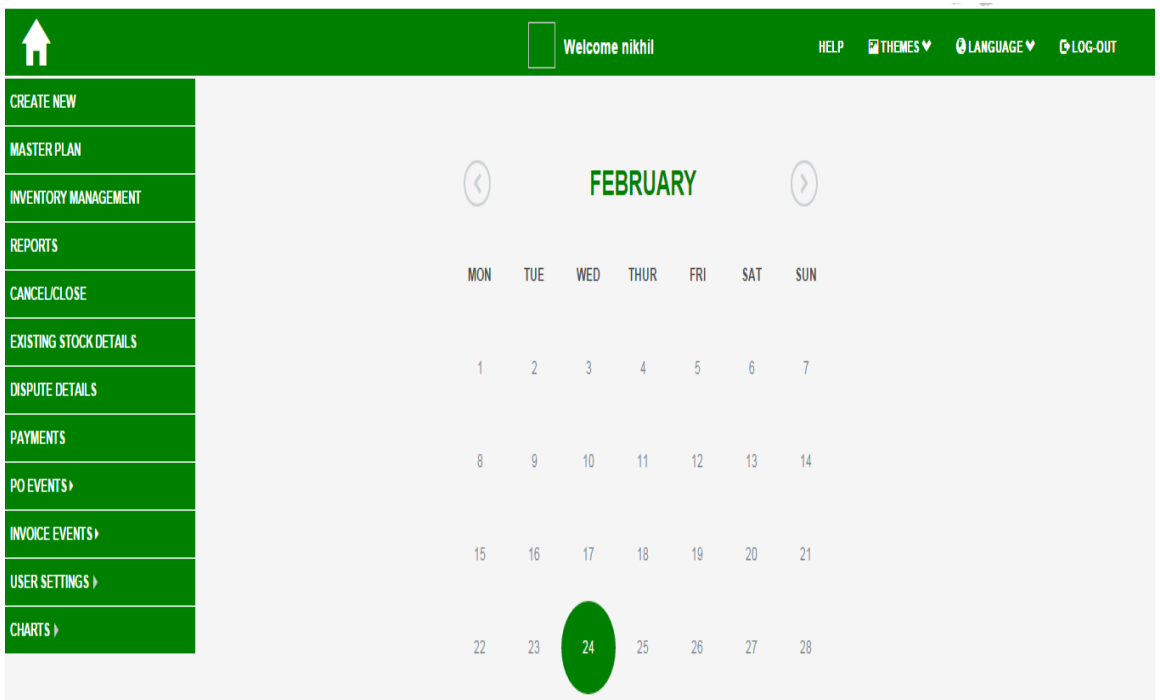
- Spring Security on URL and login Password
- Session Handling with flexible login-logout time
- JSP connected to tiles
- Common Headers and footers for all JSP
- High performance
- Highly Interoperable
- Can be operated without internet connection
- Flexible with multiple users

Functional Aspects

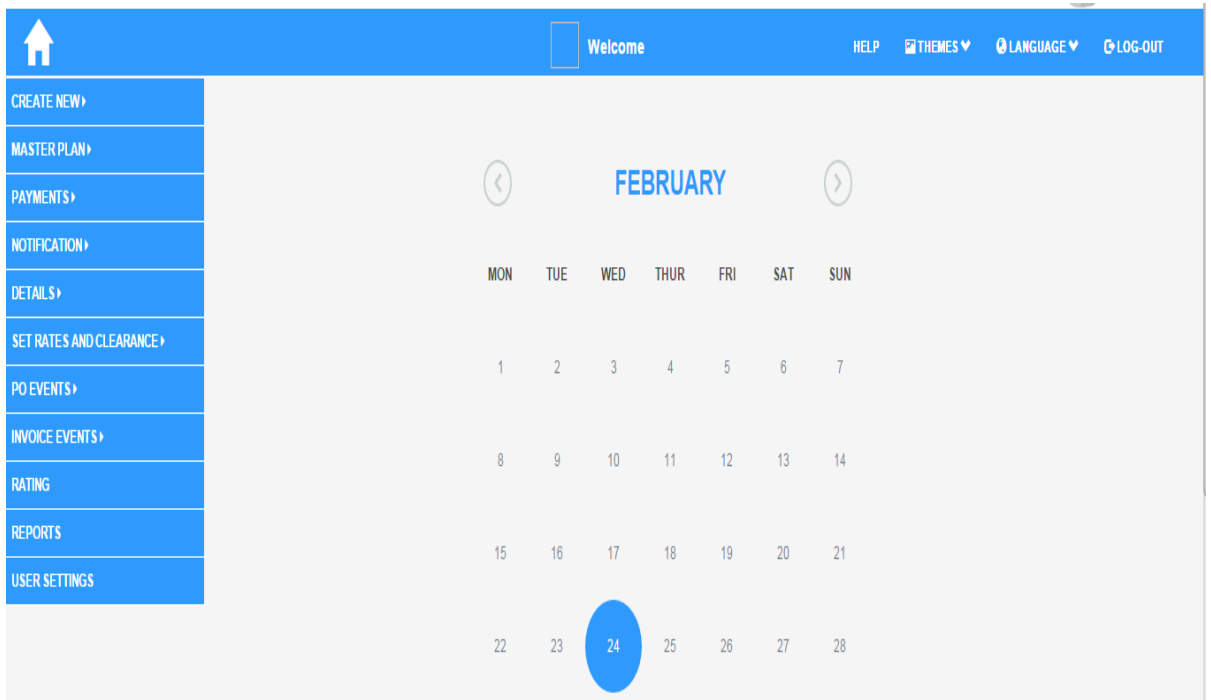
FUNCTIONAL ASPECTS

User Defined Accounts

Customer

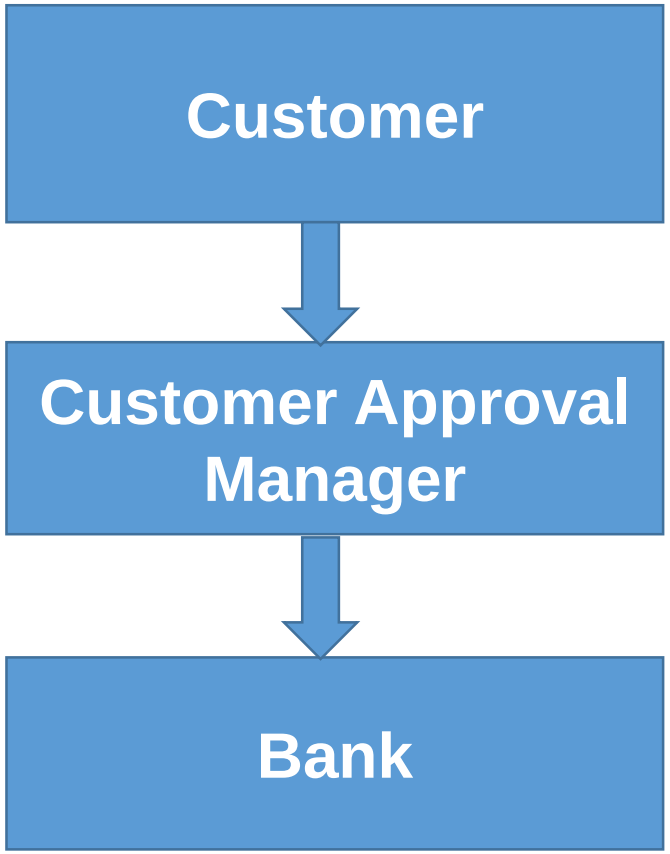


Bank Employee

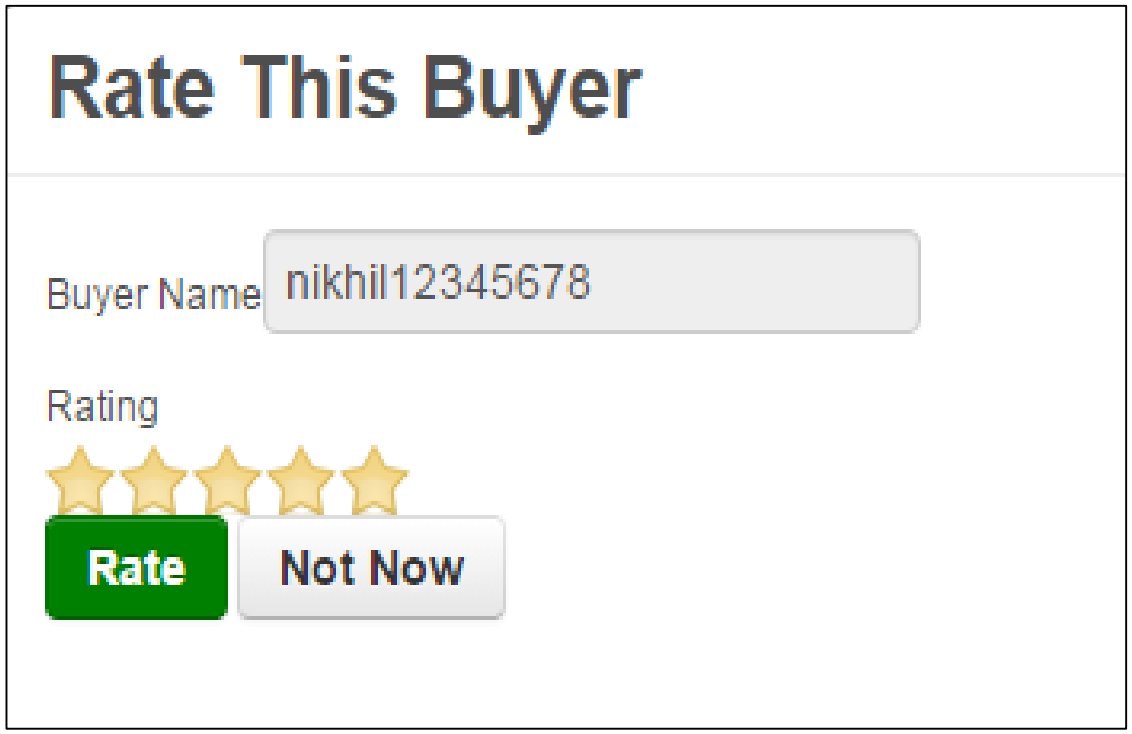


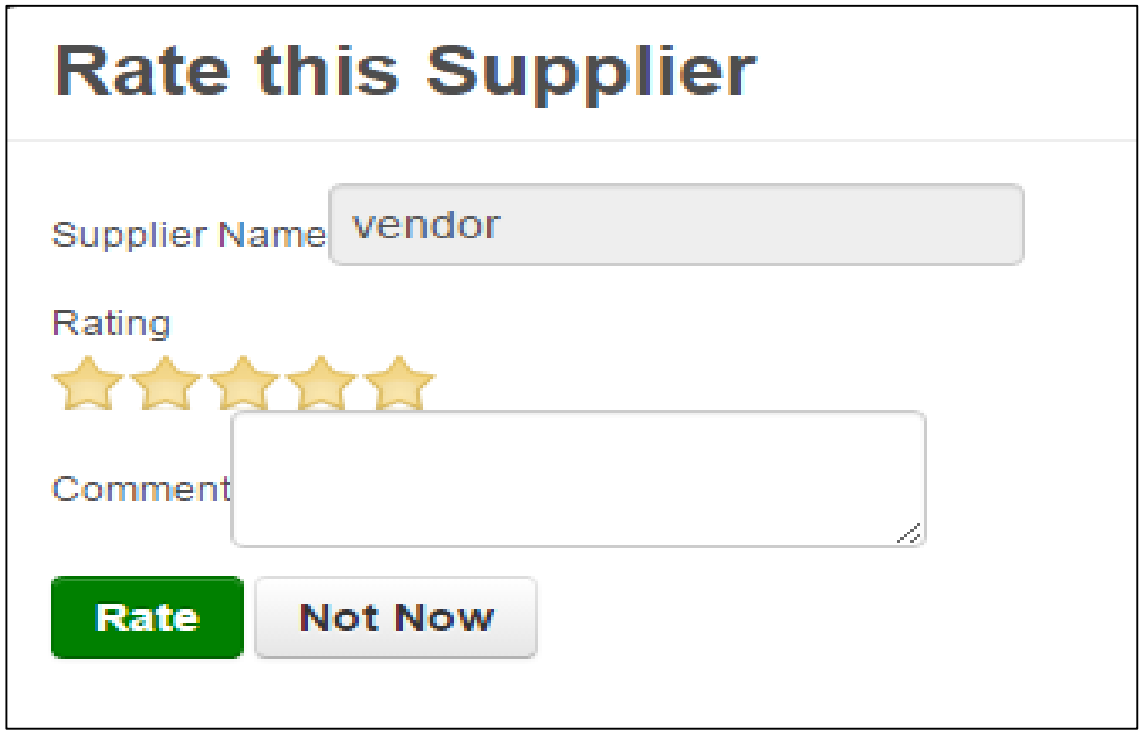
System consists of 11 types of accounts

Two Level Approval System

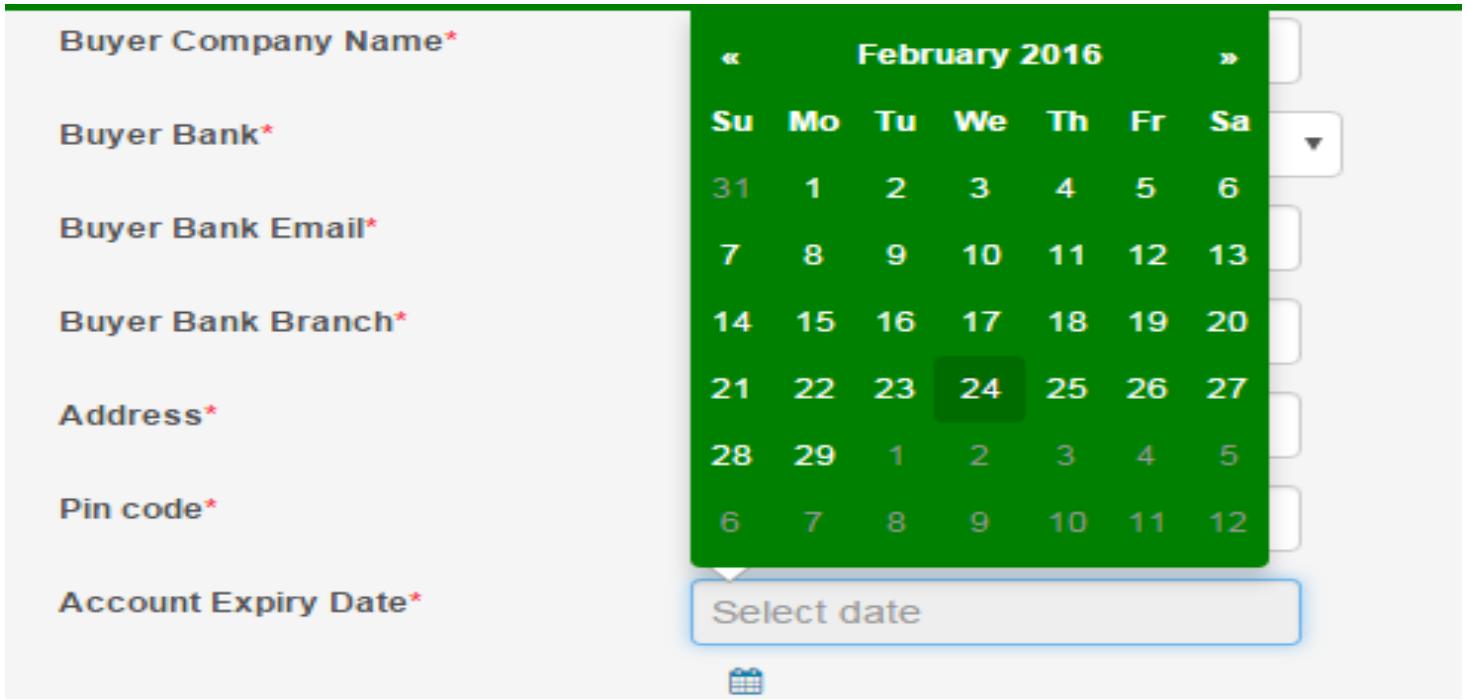


Rating for Buyers & Suppliers





Account Expiry System



On Account Expiry User gets email intimation 2 days prior regarding the same

Block/Unblock Account

ID	User Name	Role	Status	Account Expiry Date	Action	Action	Account Renew
11	nikhilesh	ROLE_CUSTOMERADMIN			Block	Unblock	Renew
10	nikhil12345	ROLE_CUSTOMERAPPMNG			Block	Unblock	Renew
6	nikhil123	ROLE_USERBRANCH			Block	Unblock	Renew
5	nikhil1234	ROLE_USERSUBSIDIARY			Block	Unblock	Renew
13	nikhil12345678	ROLE_BUYER			Block	Unblock	Renew

Previous 1 to 5 of 8 entries Next

Swap/Revert Accounts

ID	User Name	Role	Account Expiry Date	Action	Action
3	nikhil1	ROLE_APPROVALMNG		Swap	Revert
284	ravi	ROLE_SELLER		Swap	Revert
248	seller	ROLE_SELLER		Swap	Revert
2	nikhil12	ROLE_BANKEMP		Swap	Revert
323	user	ROLE_USER		Swap	Revert

Admin can swap account to other user and revert to original user flexibly

Unique ID

Transaction Id	090232
Transaction Type	Buyer Details
Status	Saved Successfully

Unique ID is generated by System for every transaction

Confirmation Screens

CONFIRMATION SCREEN

Personal Details

Customer Name*	John
Gender	male
Contact Number*	7760615602
Alternate Contact Number	8870539472
Email*	saktipurkayastha108@gmail.c
Alternate Email	ravikiran.ashok@gmail.com
Customer Prefix*	john
Acc Expiry Date*	09/08/2019

Company Details

Company Name*	ECorporation
Company Prefix*	ecorp
Address*	Whitefield
Pin code*	560066
Country*	India
State*	Karnataka
City*	Bangalore

Save Back

Email Notifications

LIST OF BANK EMPLOYEE

Search Here...

ID	User Name	Contact Number	Current Role	Email	Status	Notification Status	Action
6	bankemployee3	7760615602	ROLE_BANKEMP	saktipurkayastha108@gmail.com	Pending	Pending	Send Email Notification
2	bankemployee	7760615602	ROLE_BANKEMP	saktipurkayastha108@gmail.com	Approved	Pending	Send Email Notification
4	bankemployee2	7760615602	ROLE_BANKEMP	saktipurkayastha108@gmail.com	Rejected	Pending	Send Email Notification

Payment System

PO PAYMENT

Customer Name:	nikhil
Customer Head Name:	nikhil
Supplier Name:	vendor
PO Key:	32660f
Amount:	100.0
Balance:	50.0
Type Of Payment:*	Select A Value
Cheque No:	

Select A Value
Funds Transfer
Cheque
Demand Draft
LC
Bank Guarantee

Confirm

End to End Payment system with Multiple & Advance payment options. Cash payment can also be monitored

Animation

Customer Name	Supplier Name	Amount	Goods	Action	Action
nikhil	vendor	100.0	12	Select	Advance

Fully dynamic animated videos

For Animation videos please check out the link below:

- **https://youtu.be/l2s2fhMD99Q**

Inventory Management

INVENTORY DETAILS

Warehouse Name * :	Select A Value
Used Quantity	10
Returned Quantity	0
Damaged Quantity	0

Calculate clear

Quantity Remaining 2

Confirm Back

Inventory management capturing dynamic goods statistics

Warehouse Management

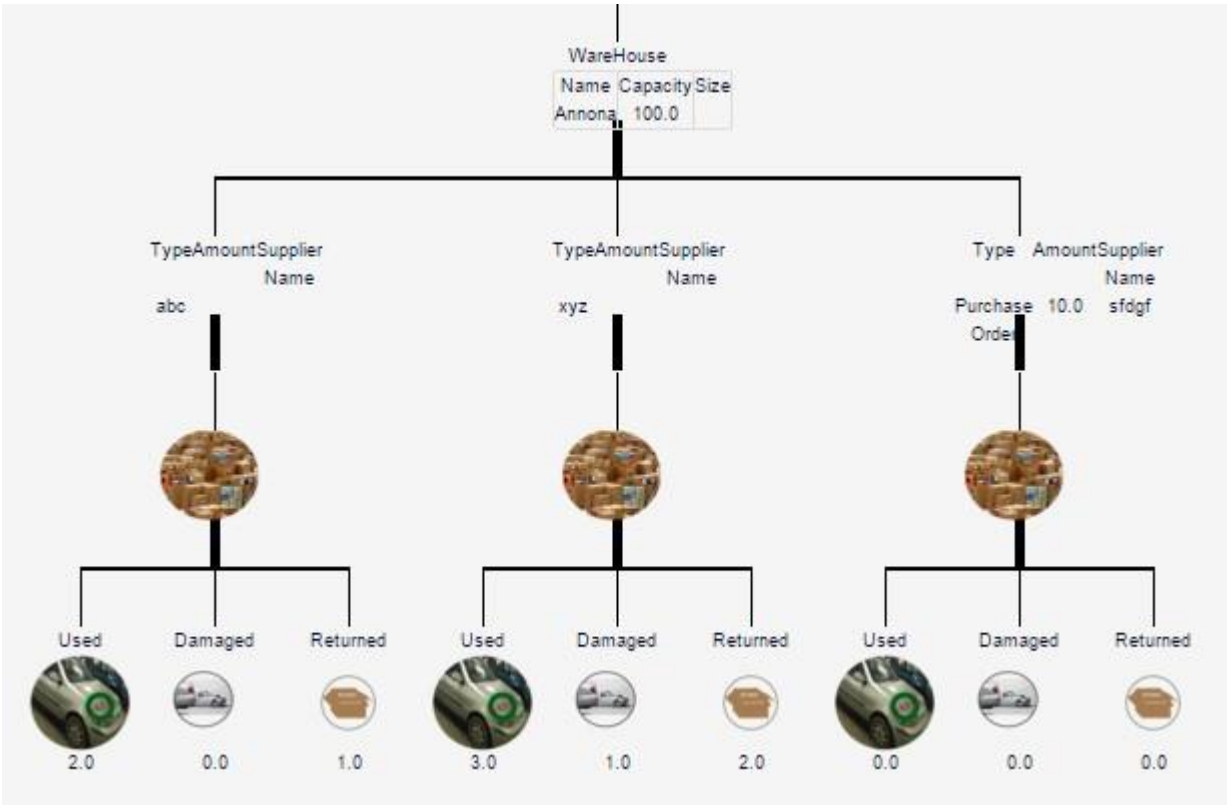
WareHouse Details

Warehouse Name*	Annona
Person In Charge*	Nikhil
Country*	India
State*	Karnataka
Address	Annona
Pin code	560016
Capacity	10000
Size	100

Confirm Back

Warehouse Design

Tree Structure



Dynamic tree structure for warehouse and inventory details with images

Planning Tool

Step No	Day No	Date	Event	
1	1	Select date	Contract between kamal and rafee	
2			rafee sends a Purchase Order to kamal	
3			rafee opens a Letter of Credit favouring kamal	
4			kamal loads the BATA in a Truck and sends it to rafee (Single modal)	
5			kamal sends documents to Bank	
6			kamal intimates rafee that they have sent the BATA and documents submitted to their bank	

Comparison Tool

Step No	Day No	Event	Pre Plan Date	System Captured Date	Delay(In Days)	Advance(In Days)	Dispute
1	1	Contract between Sakti and nikhilesh	22/02/2016				
2	4	nikhilesh sends a Purchase Order to Sakti	26/02/2016	15/01/2016	0	42	
3	6	nikhilesh opens a Letter of Credit favouring Sakti	28/02/2016				
4	9	Sakti loads the Cars in a Truck and sends it to nikhilesh (Single modal)	02/03/2016	09/03/2015	0	359	
5	11	Sakti sends documents to Bank	04/03/2016	13/01/2016	0	51	
6	15	Sakti intimates nikhilesh that they have sent the Cars and documents submitted to their bank	08/03/2016				
7	21	Bank receives documents intimates nikhilesh for Acceptance of Documents	14/03/2016	09/04/2015	0	340	
8	24	nikhilesh accepts Bill of Exchange and takes the documents to release the Cars	17/03/2016				
9	27	Bank Credits Sakti Account	20/03/2016	09/05/2015	0	316	
10	31	nikhilesh Receives Cars and starts to process it to finished products	24/03/2016	05/04/2016	12	0	
				10/10/2016	199	0	Type of defect:Damaged Defect Percentage:70.0 Cost of Defect:1000.0
				18/10/2016	207	0	Dispute isResolved
11	32	TRANSACTION ENDS	25/03/2016	15/03/2016	0	10	

Reporting Tool

REPORTS

Download Print

Search Here...

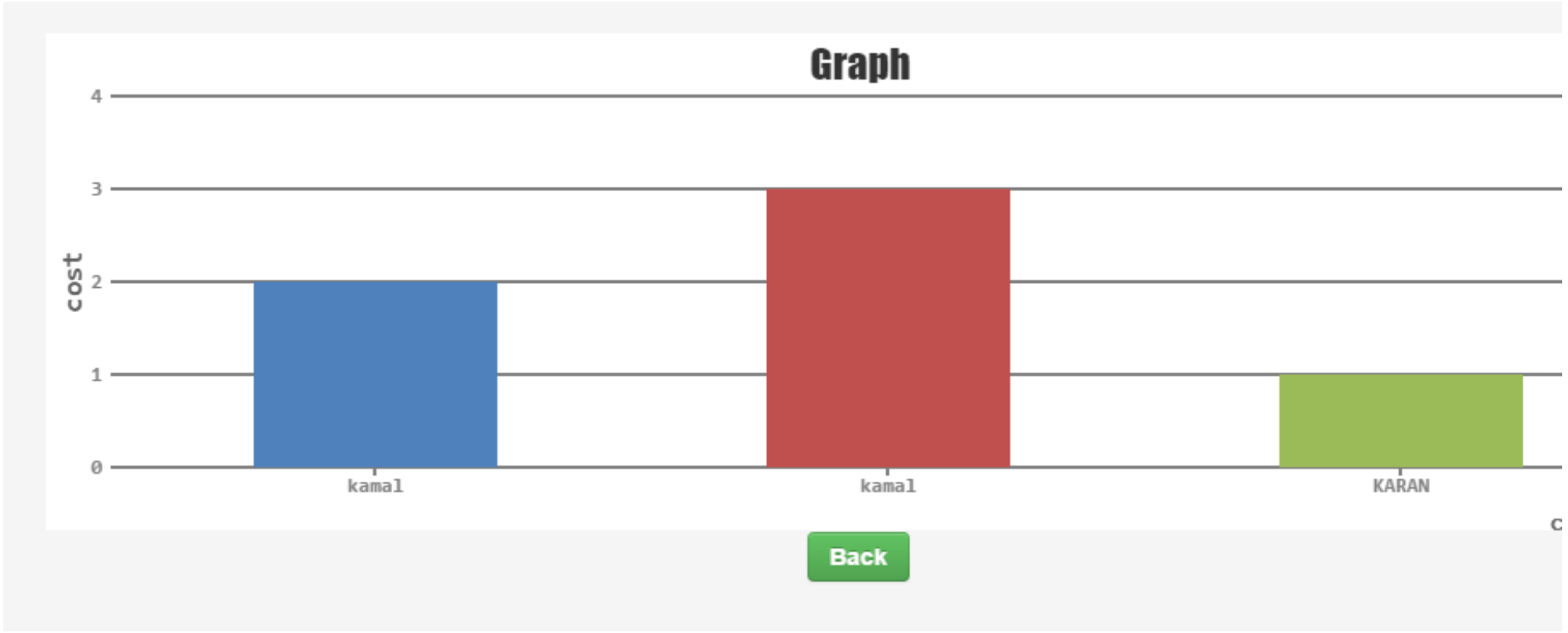
ID	Customer Name	Buyer Name	Invoice Key	Goods	Quantity	Request For Money
2950	rafee	latu	rafee-PO-6ec734	hari	5	No

Statistical Values

Range(MR):17
Mean(μ) :17.0
Mode(Mo):5
Median($\hat{x}$):5.0
Variance(σ^2):0.0
Standard Deviation($\sqrt{\sigma^2}$):0.0

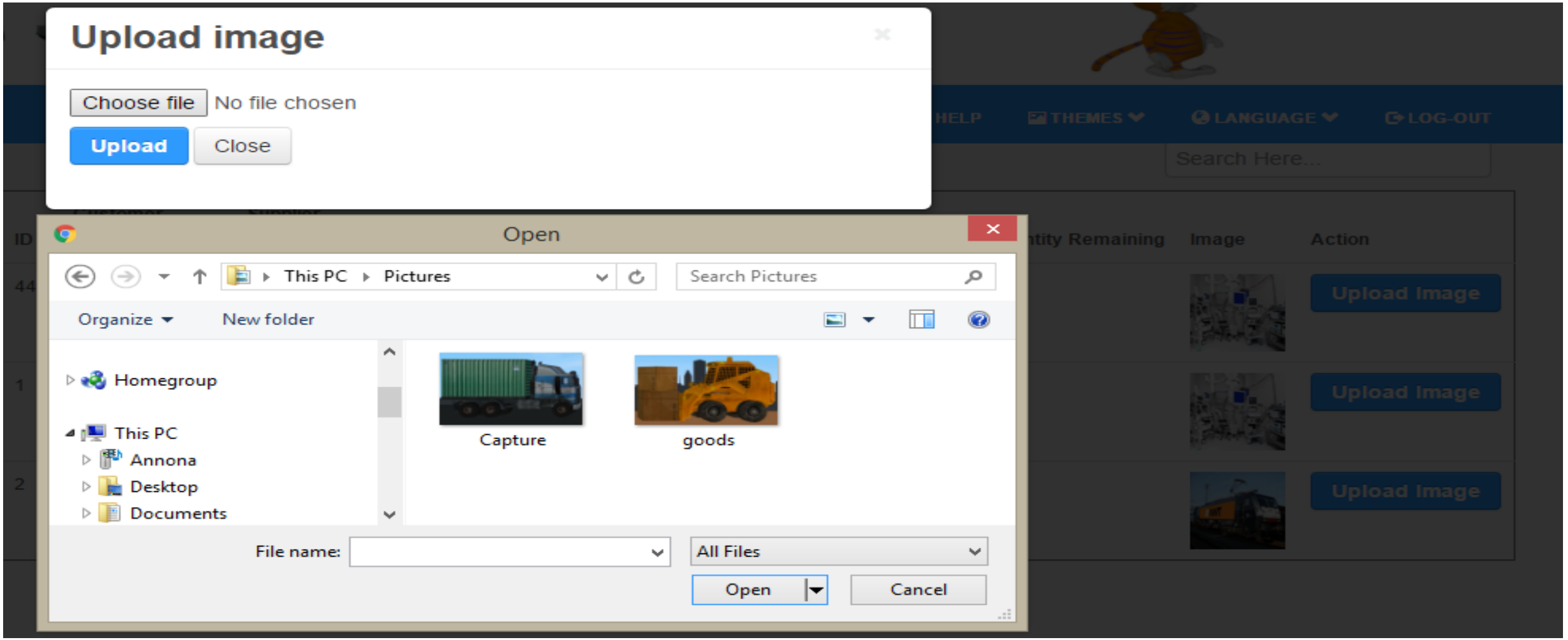
Fully flexible report system with automatically generated statistical data with Download and Print option

Graphs

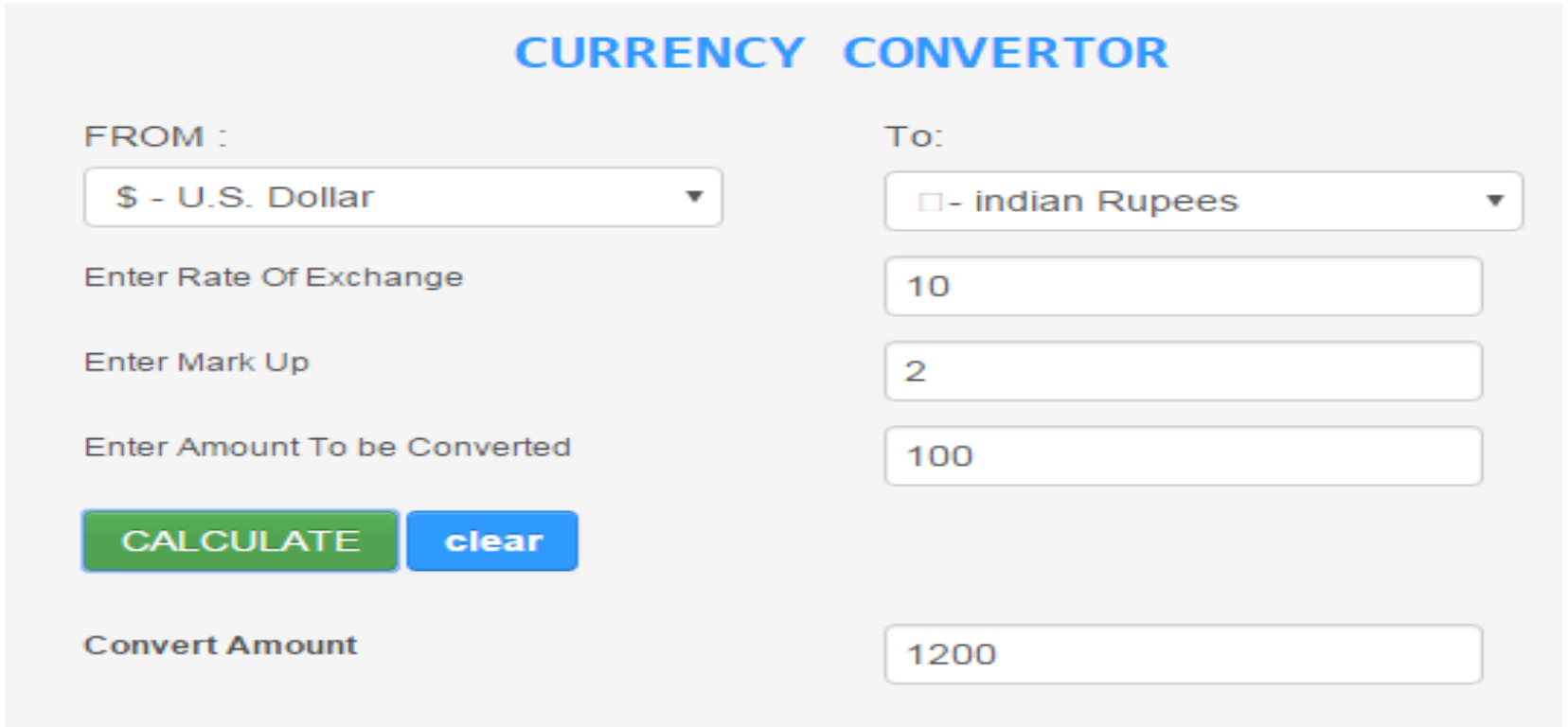


Graphical view of Cost exposure

Images & Files Upload



Currency Convertor



Multiple Currencies conversion and calculations

Query Emails

SENDING QUERY MAIL

To: Enter a Email

Subject: Enter a Subject

Message: Enter a Message

Send Email Notification

Help Guide

CUSTOMER GUIDE

Create New Module
In this Module the customer can add new supplier, new buyer details in the system. Once entered the data will go for approval. Once approved by the bank the accounts for this newly added buyers and suppliers will be activated.
Upload Documents
Here documents can be uploaded.
Master Plan Module
Distribute Funds Module
Inventory Management

Guide for every Role

Drafts Option

WORKING CAPITAL BREAKDOWN

Reason | Amount

Add New Supplier | Remove Supplier

Save | Back

Save To Drafts

DRAFTS LIST

Search Here...

ID	Customer Name	Buying Cost	Date	Action
334	nikhil	1000.0	24/02/2016	Edit

Disputes on Goods

GOODS INFORMATION

Goods Category*	Select Goods Category
Goods Information	Enter Goods Info
Total Cost Of Goods*	100.0
Goods Quantity*	Enter Goods Quantity
Cost Each Unit	
Type Of Defect*	Select Defect Type
Damage Summary	Enter Damage Summary
Number Of Defective units*	Enter no Of Defective Goods
Defect Percentage(%)	Enter defect Percantage
Cost Of Defective Goods	Enter cost Of DefectiveGoods

Regulations

Regulations on Countries and Goods

Grids Functionality

MASTER PLAN LIST

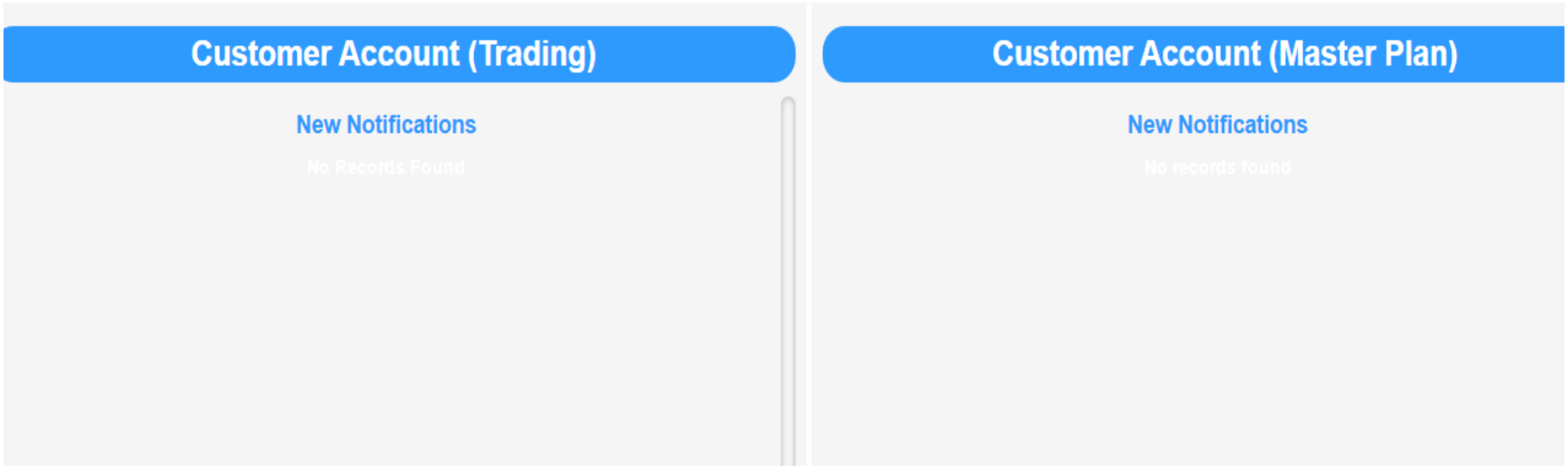
Search Here...

ID	MasterKey	MasterPlan Date	Status	Action
3173	Raf-MP-a86fa1	2016-02-17 10:40:05.214	Approved	Full Details
3096	Raf-MP-100b30	2016-02-16 12:45:32.297	Approved	Full Details
3211	Raf-MP-0a9847	2016-02-22 11:45:09.711		Full Details
3183	Raf-MP-38ab1d	2016-02-17 11:00:31.62	Approved	Full Details
3166	Raf-MP-e40d28	2016-02-17 10:32:37.413	Approved	Full Details

Previous 1 to 5 of 8 entries Next

Search & Pagination

Common Screens

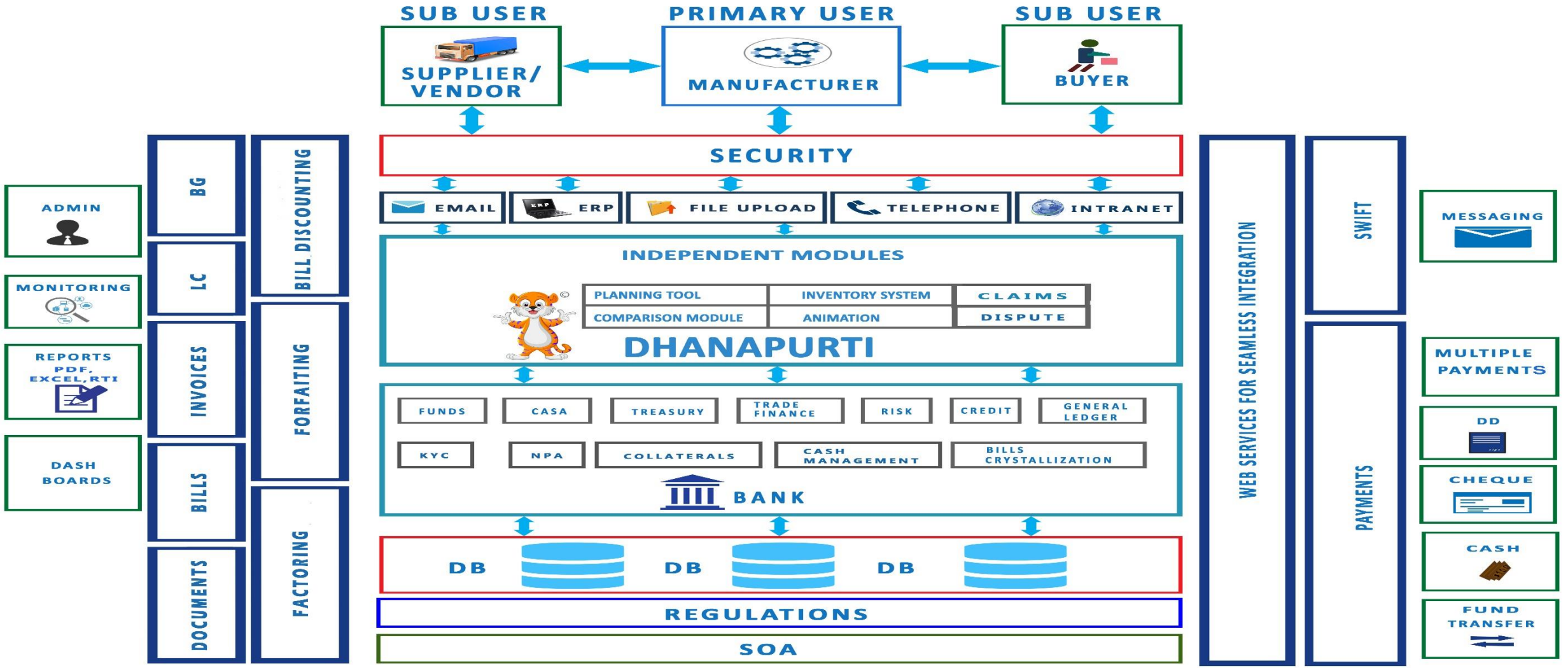


Two different accounts section with Notifications

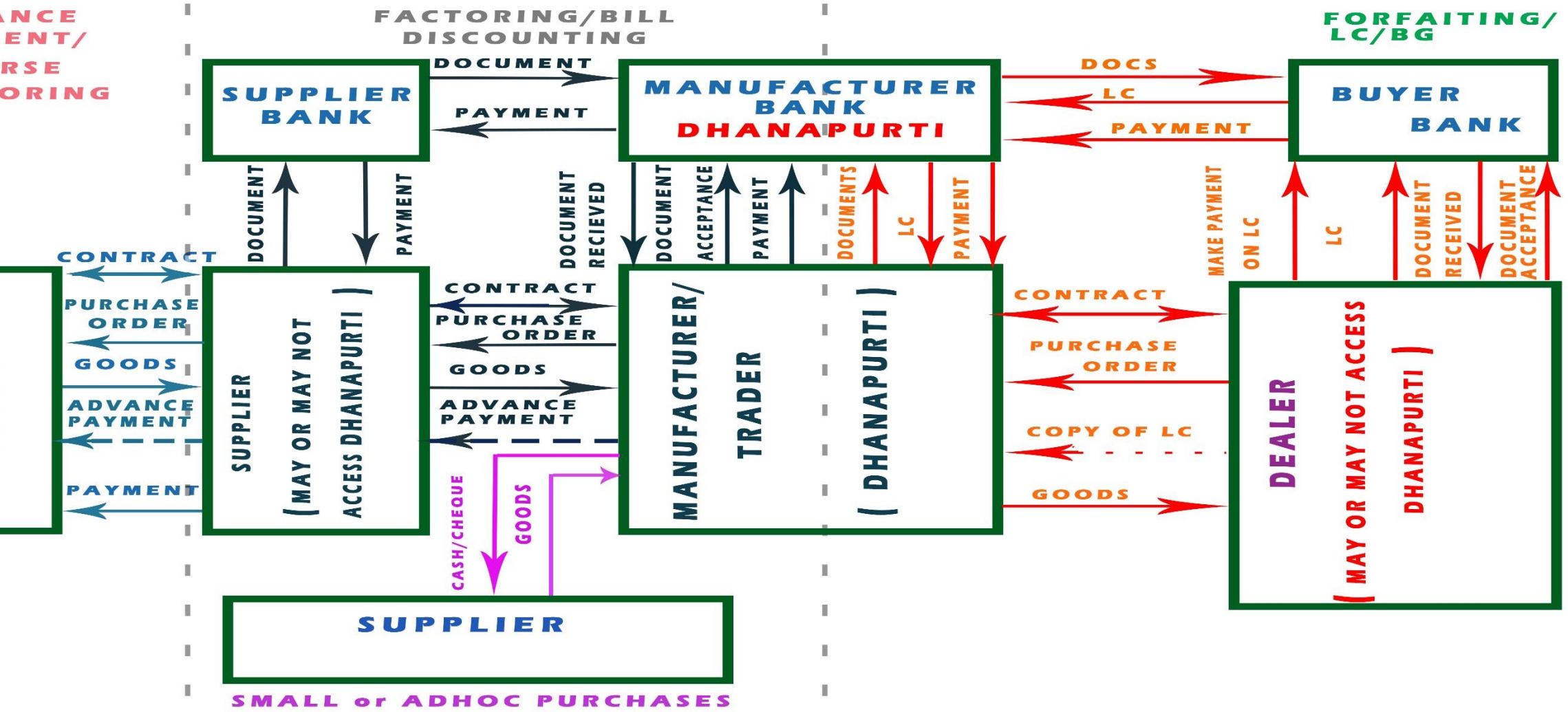
Other Features

- Flexible Automatic email on payments
- Transfer Pricing Monitoring
- Detailed records for all relevant data
- Password Expiry & Forgot Password
- We have applied patent for the product

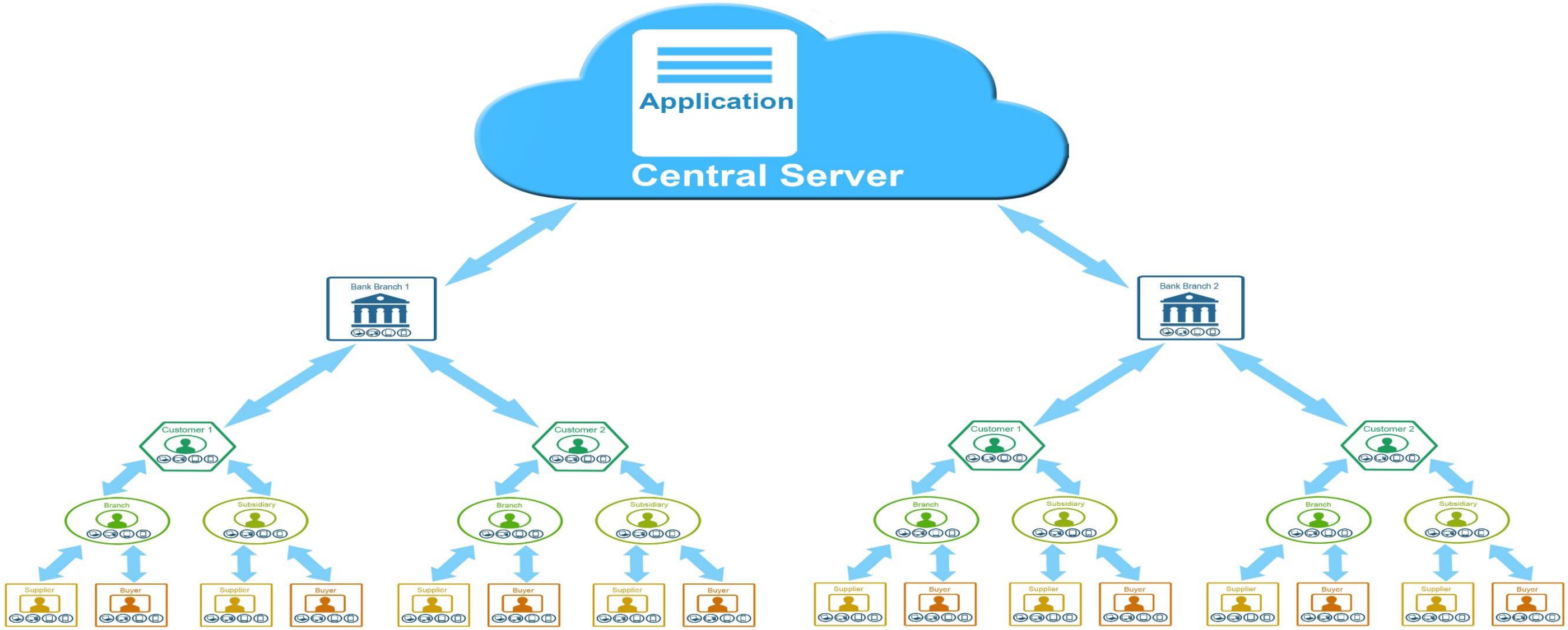
High Level Architecture



Process Flow



Cloud Services



Thank You

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