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# Appendixes

# Appendix A – User Interfaces.



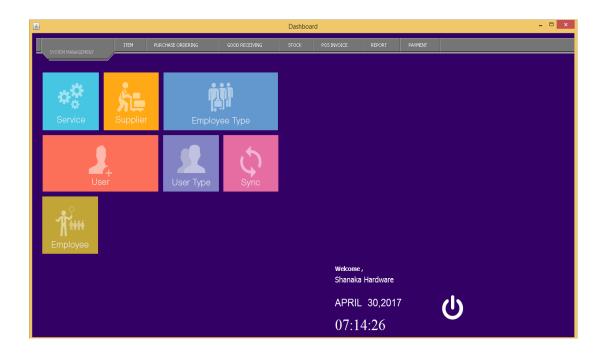
Cloud application Login

Login	
System Login	

Point of sale Login

<b>1</b>	Ē	æ					Orange Admin
\\ Employee Management		Dashboard					Monthly Yearly
🍐 User Management	>	Sales Forecast CLOUD					
Location Management	>	GRN 215	PO count	Delivery Amount	Invoice Count	Total Discount	Return Amount
Product Management							
PO Management		TODAY SUMMARY					
🖶 Grn Management							
Add/Modify VAT		Invoice Count	74				
🟛 Dealer List		GRN	29				
_		Total Discount	254500.50				
		Delivery Amount	10400.00				
		Return Amount	5000.00				

#### Cloud application dashboard



Point of sale dashboard

### I. Employee and employee Type Modules.

• <u>Cloud application.</u>

$\leftrightarrow$ $\rightarrow$ C $\odot$ localhost/F	ORECAST-	WEB/employee/add			T 🖈 🐘 🖪 🙆 🦑 🔩 🕄 🗄
	≡	<b>2</b>			Orange Admin 🗑
🖀 Employee Management	~	Home > Employee Management > Add En			
≫ Add Employee		W Home > Employee Management > Add En	ipioyee		
List Employee		Add Employee			
🍐 User Management	>				
Location Management	>	Employee Type*	admin	~	
Product Management	>	Name*	Kalpa	Dissanayake	
PO Management	>	Address	No:425/11,Pelenwatta, Pannipitiya		
🚔 Grn Management	>	Email	infokalpa@gmail.com		
➤ Add/Modify VAT		Mobile*	713998064		
🏛 Dealer List	>				
				Save	

#### Add Employee

1 1 1	- 3							Orang	ge Admin
Employee Management	~	Hillers - Freihers Mar							
Add Employee	_	Home > Employee Mana	agement > List Employee						
		Employee List							+ Add
User Management	>								
Location Management	>	<ul> <li>First Name</li> </ul>	✓ Last Name	× Address ×	Email	Mobile	✓ Туре	~	Actiŏn =
Product Management	>	search	search				search		
PO Management	>	√ Orange	Admin	Colombo	admin@orangelanka.c	011111111	admin		۰
Grn Management	>	<ul> <li>Nuwan</li> </ul>	Prasanna	No:23, Kottawa	nuwan@gmail.com	1234567891	admin		۰
Add/Modify VAT		Rasika	Perera	25	rasika@gmail.com	1225698741	admin		۲
		✓ Orange	RSM	Colombo	dimorsm@dimolanka.c	011111111	RSM		۲
Dealer List	<b>`</b>	<ul> <li>Iresh</li> </ul>	Madhushan	No:23,Dematagoda	iresh@orel.com	0745484564	RSM		۲
		Maduka	Deshan	No:22, Kottawa	maduka@gmail.com	1345878945	RSM		، ک
		<ul> <li>Orange</li> </ul>	ASM	Colombo	dimoasm@dimolanka	011111111	ASM		۰
		V PRADEEP	THILAKERATHNE	NO 14, DEVI ROAD, W	Pradeep.Thilakarathne	0771522591	Rep		۲
		SHANAKA	GUNATHILAKE	NO 20/1, SRI DHARAM	Shanaka.Gunathilaka	0777867881	Rep		۲
			PATHIRANAGE	MAI NIGA WATTE WA	Dumindu Pathiranage	0773917166	Ren		@ /
			▶ ▶ 25 ▼ iten	ns per page				1 25	of 29 items

View Employee List

### • POS Application

<u>ه</u>	Employee Type	×
Search		
Employee Type		
Full-time		
Fixed term		
Probation		
Casual		
permanent		
roster basis		_
	Add Employee Type	
	Employee Type Name Part time	
	Add Cancel	
	New Update Delet	

### Add Employee Type

<b>\$</b>				Employee					×
Search									
First Name	Last Name	Employee Code	Employee Type	Moble No 1	Mobile No 2	Email	Addres	is	
Nimal	Kalupahana	E01245	<b>\$</b>	Add Employee	×				A
Suneth	Kalupahana	E01122							
Ishan	Weththasinghe	E01258							
Sameera	Darshana	E05852							
Denuwan	Gunasinghe	E09875	Employee First Name	Sachintha					
Kumara	Abeysinghe	E05888							
Oshan	Obeysekara	E08563	Employee Last Name	Wickramarachchi					
Krishan	Kumarasiri	E01285							
Erushan	Perera	E09999	England And						
Lalith	Edirisinghe	E05511	Employee Code	E02582					
Kumara	De Silva	E09852							
Osanda	Hettiarachchi	E08745	Employee Type	permanent	¥				
Chathuranga	Bandara	E07777							
Niantha	Hettiarachchi	E05858	Contact Number 1	0770172123					
Thenuwan	Bandara	E05525	Contact Number 1	07/01/2125					
Dineth	Perera	E02589							
Jeewan	Munasinghe	E01414	Contact Number 2	0112501201					
Sanka	Gunasekara	E06325							
Waruna	Perera	E08956	Employee Email	sachintha@gmail.com					
Charith	Nayanajith	E05252		add in the gridine of the					
Kalpa	Madusanka	E02582	Address						
Sahan	Bandara	E05875	Address	No:25/5, Kohuwala					
Buwaneka	Perera	E02558	-						
Hrusha	Sandaruwan	E05812							
Sampath	Niantha	E07895	-						
Jinadasa	Perera	E05663							
Susnatha	Perera	E06329	-						
Dananjaya	Hapuarachchi	E03632	-						
Kapila	Bandara	E05581	-						
Sanjaya	Kapugoda	E03215	-						
Suranga	Dineth	E06982	-						
Janinda	Wijebandara	E05698	-						
Sunanda	Perera	E02552	-			 			
Nuwan	Hettiarachchi	E06987	-	Add	Cancel	 			
Ranga	Subasinghe	E03647	-			 			
Lakmal	Edirisinghe	E03255	-						
Lowidi	curisingrie	E03233	- · · ·			-			¥
							Add	Update Delete	2

Add Employee

٩	Employee Type	×
Search		
Employee Type		
Full-time		
Fixed term		
Probation Casual		
permanent		
roster basis		
	Delete Employee Type         O you want to delete this Employee Type ?         Yes	
	New Update D	Delete

### Delete Employee Type

Search								
First Name	Last Name	Employee Code	Employee Type	Moble No 1	Mobile No 2	Email	Address	
Nimal	Kalupahana	E01245	Full-time	0715487458				
Suneth	Kalupahana	E01122	Full-time	0712623566				
ishan	Weththasinghe	E01258	Fixed term	0785412589				
Sameera	Darshana	E05852	Fixed term	0799850258				
Denuwan	Gunasinghe	E09875	Fixed term	0778956542				
Kumara	Abeysinghe	E05888	Fixed term	0771258452				
Oshan	Obeysekara	E08563	Fixed term	0771125845				
Krishan	Kumarasiri	E01285	Fixed term	0718211212				
Erushan	Perera	E09999	Fixed term	0774521222				
Lalith	Edirisinghe	E05511	Fixed term	0752582132				
Kumara	De Silva	E09852	Fixed term	0712523356				
Osanda	Hettiarachchi	E08745	Fixed term	0784125221				
Chathuranga	Bandara	E07777	Fixed term	0713998064				
Niantha	Hettiarachchi	E05858	Fixed term	0785412333				
Thenuwan	Bandara	E05525	Proba	Delete Employee				
Dineth	Perera	E02589	Proba					
Jeewan	Munasinghe	E01414	Casua					
Sanka	Gunasekara	E06325	Casua 🕜 Do	you want to delete this Employee ?				
Waruna	Perera	E08956	Full-tin					
Charith	Nayanajith	E05252	Full-tin	Yes No				
Kalpa	Madusanka	E02582	Full-tir					
Sahan	Bandara	E05875	Full-tin					
Buwaneka	Perera	E02558	Full-time	0778452512				
Hirusha	Sandaruwan	E05812	Full-time	0778922266				
Sampath	Niantha	E07895	Full-time	0785422221				
Jinadasa	Perera	E05663	Full-time	0782122112				
Susnatha	Perera	E06329	Full-time	0775569821				
Dananjaya	Hapuarachchi	E03632	Full-time	0772596321				
Kapila	Bandara	E05581	Full-time	0785223225				
Sanjaya	Kapugoda	E03215	Full-time	0751545456				
Suranga	Dineth	E06982	Full-time	0785521552				
Janinda	Wijebandara	E05698	Full-time	0779966552				
Sunanda	Perera	E02552	Full-time	0778856322				
Nuwan	Hettiarachchi	E06987	Full-time	0789562222				
Ranga	Subasinghe	E03647	Full-time	0778252222				
Lakmal	Edirisinghe	E03255	Full-time	0789512347				

Delete Employee

الله Employee Type			×
Enployee Type			
	New	Update	Delete

Update Employee Type

Search								
First Name	Last Name	Employee Code	Employee Type	Moble No 1	Mobile No 2	Email	Address	
Nimal	Kalupahana	E01245	4	Employee Update	×			
Suneth	Kalupahana	E01122	_					
ishan	Weththasinghe	E01258						
Denuwan	Gunasinghe	E09875	Employee First Name	Sameera				
Kumara	Abeysinghe	E05888						
Oshan	Obeysekara	E08563	Employee Last Name	Darshana				
Krishan	Kumarasiri	E01285						
Erushan	Perera	E09999	Employee Code	505050				
Lalith	Edirisinghe	E05511	Employee Code	E05852				
Kumara	De Silva	E09852						
Dsanda	Hettiarachchi	E08745	Employee Type	Fixed term	~			
Chathuranga	Bandara	E07777						
ilantha	Hettiarachchi	E05858	Contact Number 1	0799850258				
Thenuwan	Bandara	E05525	Contact Number 1	0799650256				
Dineth	Perera	E02589						
Jeewan	Munasinghe	E01414	Contact Number 2	0711301200				
Sanka	Gunasekara	E06325						
Naruna	Perera	E08956	Employee Email	sameera@gmail.com				
Charith	Nayanajith	E05252	Employee Email	autectulgymaticom				
Kalpa	Madusanka	E02582						
Sahan	Bandara	E05875	Address	No: 52, Homagama				
Buwaneka	Perera	E02558						
Hirusha	Sandaruwan	E05812						
Sampath	Niantha	E07895						
Jinadasa	Perera	E05663						
Susnatha	Perera	E06329						
Jananjaya	Hapuarachchi	E03632						
Capila	Bandara	E05581		L				
Sanjaya	Kapugoda	E03215						
Suranga	Dineth	E06982						
aninda	Wijebandara	E05698						
lunanda	Perera	E02552		Update Ca	a cal			
luwan	Hettiarachchi	E02552 E06987		update Ca	incel			
kanga	Subasinghe	E03647						
Lakmal	Edirisinghe	E03255						

Update Employee

### II. Location and Are Management.

• Cloud application.

$\leftrightarrow$ $\rightarrow$ C $\odot$ localhost/FC	RECAST-	WEB/location/add?		¶☆ I	1 🖪	<b>○</b> #	4.8	a :
<b>11</b>		æ				Orang	ie Admin	9
😁 Employee Management	>	# Home > Location Management > Add Loca	ation					
🐣 User Management	>	Hinne / Eccador management / Add Ecca						
Location Management	~	Add Location						
Location Type	>							
		Category*	Company ~					
List Location		Parent*	Select an Option ~					
Product Management	>	Name*	Hemantha Motors	]				
PO Management	>	Allowance	1000	7				
🚔 Grn Management	>	Supervisor*	Orange Admin v					
≫ Add/Modify VAT			E Save					
🧰 Dealer List	>		El oave					
localhost/FORECAST-WEB								

Add Location

$\leftrightarrow$ $\rightarrow$ C ( ) localhost/F	ORECAST	-WEB/location/list			☆ 🕅 🔒	0 * • 0 :						
	₽	æ				Orange Admin						
🐸 Employee Management		di lanca di sedina Managana di si lati se										
🐣 User Management		# Home > Location Management > List Loc	ation									
Location Management	~	Location List	Location List + Add									
> Location Type												
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😑 Grn Management		<ul> <li>Fiat Mama Motors</li> </ul>	Dealer	Kandy Route 1		۰ /						
Add/Modify VAT		<ul> <li>Pradeep Motors</li> </ul>	Dealer	Kandy Route 1		۰ /						
🧰 Dealer List		<ul> <li>Sumedha Tyre Centre</li> </ul>	Dealer	Kandy Route 1		۰ /						
		Thenuka Auto Service	Dealer	Kandy Route 1		۰ /						
		<ul> <li>Thilanka Motors</li> </ul>	Dealer	Kandy Route 1		۰ /						
		Vp - Country Motors	Dealer	Kandy Route 1		۰ /						
		A M S Motors	Dealer	Kandy Route 1	0.00	۰ / ب						
						Þ						
			25 v items per page									

Location List

$\leftrightarrow$ $\rightarrow$ C (i) localhost/FC	ORECAST-	WEB/location/type/list		🖈 🛄 🖪 🖸	* • 0 :
	≡	æ		Orar	nge Admin
😁 Employee Management	>	<b>#</b> Home > Location Management > Location Type > L	ist Tupp		
🐣 User Management	>	We Home > Location Management > Location Type > 1	ist type		
Location Management	~	Location Type List			
» Location Type	~				
≫ List Type		🗸 Туре	° Parent ℃	Supervisor Type	<sub>Actiŏn</sub> ≡
Add Location		Туре	parent		
List Location		Company		admin	۲
Product Management	>	Reagon	Company	RSM	۲
PO Management	>	Area	Reagon	ASM	۲
🚔 Grn Management	>	Route     Branch	Branch Area	Rep	•
Add/Modify VAT	ŕ	Dealer	Route		
	>				
🧰 Dealer List	,				
		4			• •
			ms per page	1-	6 of 6 items
localhost/FORECAST-WEB					

Location Types

### III. GRN Management module.

• <u>Cloud application.</u>

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	≣ 🚯	Orange Admin 👹
😁 Employee Management	>	
🍐 User Management	> Upload Excel	
Location Management	>	
Product Management	>	(O) Template
PO Management	Select Excel File :*	x
🚔 Grn Management	Co,Part	
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Add/Modify VAT	No,Cuss Name,Qty,Cost Price,Selling Val,Retail	
🚊 Dealer List	Val, Invoice, VIP, Loca, In:S, De:, Disc, S/E Name, SE Code, Autz by code, Creating	
	HOME STOCK.csv	Tremove ③ Upload
localhost/FORECAST-WEB/grn/add		

Upload GRN Excel

#### • <u>Point of sale.</u>

Part No							
51-040CM		Buying Price 2055.45	Invoiced Qty	Accepted Qty 5	Barcode 1-040CM	Return Qty	Reject Reason
51-040CM 51-060C	GLS Pin type 40W Clear Bulb GLS Pin type 60W Clear Bulb	2055.45 2398.04					
51-000C	GLS Pin type 25W Clear Bub	2358.04		10			

#### Add New GRN

		GRN		
Orange GRN				
Accepted Orang	e GRN			
arch				
p No	Invoice No	Created Date	Updated Date	
	28	2017/03/24	2017/03/24	
	28	2017/03/26	2017/03/26	
	28	2017/03/26	2017/03/26	
	30	2017/03/26	2017/03/26	
	12	2017/03/26	2017/03/26	
	106	2017/03/28	2017/03/28	
	50	2017/05/01	2017/05/01	
				Print

GRN List

### IV. PO Management Module

• <u>Cloud application.</u>

$\leftrightarrow$ $\rightarrow$ C $\bigcirc$ localhost/F	ORECAST	-WEB/po/list#		☆ 🕮 🖪 🙆 🦑 🔩 😒 🗄
				Orange Admin
😁 Employee Management		# Home > Pu	10022	
💄 User Management		W Home / Po		
Location Management			Invoice Date 2017-05-01 15:13:23 Dealer Auto Mart Service Station & Caean Park	
Product Management			Address No : 270, Kandy Road, Godapola, BelioyaKandy	
PO Management	~		Rep PRADEEP THILAKERATHNE	- Search status - V Q Find 3
» List			Item	Amount s Invoice No VIP No Action
🚔 Grn Management			WG1-040CM - GLS Pin type 40W Clear Bulb 5 x Rs.6,423.30 (with VAT)	Rs.32.116.51 ending II Hold X Reject • • •
≫ Add/Modify VAT			WG1-060CM - GLS Pin type 60W Clear Bulb	
🏛 Dealer List			3 x Rs.2,702.93 (with VAT)	Rs.8,108.78 ending Hold × Reject © 🖸
			WG1-025C - GLS Pin type 25W Clear Bulb 10 x Rs.34.68 (with VAT)	Rs.346.84
			PO Total : Rs.	.40,572.13
		4 1001		nding
			4	Note A reject
		5 1001	Auto Mart Service Rs.20,066.90 2017-03-26 Accepte Station & Caean Park 19:55:32 Shanka	ted Drder OPendang Hold x Reject O 🕲
		6 1001	2 Auto Mart Service Rs.100.00 2017-03-26 Station & Caean Park 9 shanka	ted Order OPending Hold × Reject © G

#### Purchase Order List

<u>چ</u>			New N	lon Orang	ge Purchase Order					×
PO Submit Supplier	Akalanka Perera	~	Catagory	All			<ul> <li>Search</li> </ul>			
Products										
Part No		Description			Category			Unit Price		
XAC-410C		Celling Rose - XAC	C-410C		Cables			Children		350.00
XAC-410L		Lamp Holder - XAC			Cables					210.00
XK-01113-BBR2		XK-01113-BBR2			Cables					220.00
XK-07104-CBK1		7/1.04mm Twin Fla			Cables					450.00
XKK-01113-BBL4		1/1.13mm Blue 10	0m - XK-01113-BE	BL4	Cables					295.00
Po Items										
Part No	Description	1	Product Category		Unit Price		Qty		Amount	
XAC-410C	Celling Rose - X	AC-410C	ables			350.00		5		1,750.00
										Remove Item
Total Amount ( Total Quantity		1,7	750.00 5							Create

• <u>Point of sale.</u>

Add new none orange purchase order

\$		Dashboard			_ 🗆 🗵
SYSTEM MANAGEMENT ITEM	GOOD RECEIVING	STOCK POS INVOICE	REPORT PAYMENT		
<u>ه</u>	/	Non Orange Purchase Order		×	
Search					
PO №	Suppler	Created Date	Updated Date		
purchase order					
		Ne	w Print Edit	Delete	
		APRIL	. 30,2017	(')	
		02:1	0:05		

None orange purchase order list

2		Orange	PO		
iearch					
Part No	Descripti	n	Current Pri	ce	
NG1-025C	GLS Pin ty	pe 25W Clear Bulb			34.68
WG1-025CM		pe 25W Clear Bulb			10.00
WG1-040C		pe 40W Clear Bulb			8,000.55
VG1-040CM	GLS Pin ty	pe 40W Clear Bulb			6,423.30
VG1-060C		pe 60W Clear Bulb			2,300.00
VG1-060CM	GLS Pin ty	pe 60W Clear Bulb			2,702.93
VG1-075C	GLS Pin ty	pe 75W Clear Bulb			3,237.34
VG1-075CM	GLS Pin ty	pe 75W Clear Bulb			4,925.38
VG1-100C	GLS Pin ty	pe 100W Clear Bulb			345.00
VG1-100CM	GLS Pin ty	pe 100W Clear Bulb			2,006.69
IG2-040CM		type 40W Clear Bulb			4,601.64
G2-060CM		type 60W Clear Bulb			4,049.2
Remove Item					
'art No	Description	Unit Price	Qty	Amount	
			345.00	-	
	GLS Pin type 100W Clear Bulb				69
WG1-100C WG2-025CM	GLS Pin type 100W Clear Bulb GLS Screw type 25W Clear Bulb		9,686.33	2 3	2
VG1-100C					29,1

Add Orange purchase order

			Update Non O	range Purchase (	Order			>
O Submit Supplier	Akalanka Perera	Ŷ	Catagory All		✓ Search			
Product Details								
Part No		Description		Category		Unit Price		
XAC-410C		Celling Rose - XAC-		Cables		350.00		
XAC-410L		Lamp Holder - XAC-	-410L	Cables		210.00		
XK-01113-BBR2		XK-01113-BBR2		Cables		220.00		
XK-07104-CBK1			t 1m - XK-07104-CBK1	Cables		450.00		
XKK-01113-BBL	.4	1/1.13mm Blue 100	m - XK-01113-BBL4	Cables		295.00		
Product Items								
Part No	Description	Pro	oduct Category	Unit Price	Qty		Amount	
XAC-410C	Celling Rose - >	AC-410C Cal	bles	350.00	5		1,750.00	
							Remove Iter	em
otal Amount otal Quantit	t (approx) Rs: 1,750 v: 5	.00						

## Update purchase order

<u>\$</u>		Oran	ge Purchase Order		×
Part No	Description	Product Category	Unit Price	Qty	Amount
WG1-100C	GLS Pin type 100W Clear Bulb	mypos_default	345.00		2 690.00
WG2-025CM	GLS Screw type 25W Clear Bulb	mypos_default	9,686.33		3 29,059.00
Total Amount (a	pprox) Rs : Rs 29,749.00	Vat: 15.0%			
Total	l Quantity : 5				Cancel

Orange purchase order list

### V. Product and Product Category Management Modules

### • <u>Cloud application.</u>

🛛 🚮 🔹	- <u>-</u>					Orange Admin
Employee Management		> Product Management > Product				
User Management		> Froduct management > Frod				
Location Management					Q Search	
Product Management	· #	Part No	Description	Stock Qty	Selling Price +(VAT)	Actions
X Excel Upload	#1	WG1-025C	GLS Pin type 25W Clear Bulb	0	52,670.00	ø
	#2	WG1-025CM	GLS Pin type 25W Clear Bulb	0	2,886.62	≠ û
PO Management	#3	WG1-040C	GLS Pin type 40W Clear Bulb	1	1,158.27	ø û
Grn Management 3	#4	WG1-040CM	GLS Pin type 40W Clear Bulb	2	3,909.15	ø û
Add/Modify VAT	#5	WG1-060C	GLS Pin type 60W Clear Bulb	0	1,882.18	ø û
Dealer List	#6	WG1-060CM	GLS Pin type 60W Clear Bulb	3	1,447.84	ø û
	#7	WG1-075C	GLS Pin type 75W Clear Bulb	392	1,561.90	ø
	#8	WG1-075CM	GLS Pin type 75W Clear Bulb	0	1,249.51	ø û
	#9	WG1-100C	GLS Pin type 100W Clear Bulb	4	12,846.59	ø û
	1 to 20 of	190	First Previous Page 1 of 10 Next La		•	

#### **Product List**

Employee Management User Management Location Management	>		_	A								
User Management					В	С	D	E	F	G		
		# Home > Prod	1	Part number	Descripti on	Total stock quantity	AMD VSD	Average mthly demand	Average cost	Selling price		
Location Management				A509800517	AUTOBASI		0.03		1870.021	2898		
		Upload Excel		A55010013	EMPTY CA	0			34.6944	46		
			4	A55010014	EMPTY CA	0	0.64	0	37.7083	50		
Product Management	~		5	A55010015	EMPTY CA	0	0.99	0	100	130		
			6	A59880081	LESONAL I	0	0.03	0	1281.233	1992		
			7	A5BMA004 1L	INTERSWI	0	0.03	0	1148.61	1212.06	④ Template	
			8	A5CARCOLOR	CAR COLO	0	0.03	0	55.1541	95		
			9	A5CLD260	INTERLAC	0	0.03	0	9224.578	12000		
			10	A5CLF384	INTERLAC	0	0.02	0	7500	9750	X	
PO Management			11	A5CLF684	INTERIAC	0	0.03	0	294.16	11492		
			12	A5CLS665	INTERLAC	0	0.03	0	294.16	310.41		
Grn Management			13	A5ECS740	INTERGAR	0	0.03	0	400.61	422.74		
				A5EGA088 1L	INTERGAR	0	0.03	0	352.99	372.49		
Add/Modify VAT			15	A5EPA001 1L	INTERGAR	0	0.03	0	386.6	407.96		
Dealer List			16	A5EPA530	INTERGAR	0	0.03	0	8200	10660		
Dealer List												
											🖆 Browse	

### Product excel Upload

$\leftrightarrow$ $\rightarrow$ C (i) localhost/FC	ORECAST-	WEB/product/excel	☆	N	8	0 4	e 4	G :
<u> </u>	=	æ				Orange	Admin	)
😁 Employee Management	>	WH Home > Product Management > Upload Excel						
🐣 User Management	>	Upload Excel						
Location Management	>							
Product Management	~	View Example     O Template						
» List		Select Excel File :*						
PO Management	>	Co,Part ^						
🚔 Gm Management	>	Decar,Date Edit,Time,Acc No,Cuss Name,Qty,Cost						
➤ Add/Modify VAT		Price,Selling Val,Retail Val,Invoice,WIP,Loca,In:S,						
🧰 Dealer List	>	De:,Disc,S/E Name,SE Code,Autz by code,Creating 🖕						
		HOME STOCK £89 (484 8)						
		\$ 0 <b>a</b>						
		HOME STOCK.csv 🗐 Remove 🕲 Upload 🚔 Browse						
								- 1

Product excel Upload

• <u>Point of sale.</u>

٤	Product Category	*
Search		
	Product Category	
	Add Cancel	
		Add Update Delete

Figure 5.2.1 Add product category

Product Category	×
Search	
Product Category Name Description	
Circuit Protection Residential, Stand	ndard, Professional
Appliances Standard, Premiur	
Switches & Sockets Elite, Luxury, Star	andard, Professional
Allied Accessories Standard, Profess	ssional
Cables Standard	
Battery Standard	
Lighting Standard, Profess	
Industrial Products Standard, Profess	ssional
Sparta Standard	
Ceiling & Exhaust Fan Standard, Premiur	um
Delete Product Category  Do you want to delete selected Produ  Ves No	
	Add Update Delete

Delete product category

\$	Pro	uct Category			×
Search					
Product Category Name		Description			
Circuit Protection		Residential, Standard, Professional			
Applances		Standard, Premium			
Switches & Sockets		Elite, Luxury, Standard, Professional			
Alled Accessories		Standard, Professional			
Cables		Standard			
Battery		Standard			
Lighting		Standard, Professional			
Industrial Products		Standard, Professional			
Sparta	Undata	Product Category ×			
Ceiling & Exhaust Fan	opuate				
		Indard, Professional Update Cancel			
			Add	Update	Delete

Update Product Category

2				Item View					
Search									
Product Part No	Description	Re-order Quantity	<u>ن</u>	Item Add	×	Sales Commissi	on (%)	Brand	
WCS-S23D	CFL Screw type 23W D/L Spiral						0	0	
WCS-S23W	CFL Screw type 23W W/W Spiral						0	0	
WCU-P09D	CFL Pin type 09W D/L 3U		<ul> <li>Product Category</li> </ul>	Cables	~		0	0	
WCU-P09W	CFL Pin type 09W W/W 3U						0	0	
WCU-P11D	CFL Pin type 11W D/L 3U		Product Supplier	Akalanka Perera	*		0	0	
WCU-P11W	CFL Pin type 11W W/W 3U		-				0	0	
WCU-P15D	CFL Pin type 15W D/L 4U		Product Part No	X2566-589			0	0	
WCU-P15W	CFL Pin type 15W W/W 4U		Ploudec Pare No	X2366-369			0	0	
WCU-P203D	CFL Pin type 03W D/L 2U		-				0	0	
WCU-P203W	CFL Pin type 03W W/W 2U		Brand	Kevilton			0	0	
WCU-P205D	CFL Pin type 05W D/L 2U		-				0	0	
WCU-P205W	CFL Pin type 05W W/W 2U		Description	KK-1.5mm-X266-589			0	0	
WCU-P207D	CFL Pin type 07W D/L 2U						0	0	
NCU-P207W	CFL Pin type 07W W/W 2U		-				0	0	
VCU-P209D	CFL Pin type 09W D/L 2U		-				0	0	
NCU-P209W	CFL Pin type 09W W/W 2U		-				0	0	
WCU-P20D	CFL Pin type 20W D/L 4U		-	<	>		0		
WCU-P20W	CFL Pin type 20W W/W 4U		-				0	0	
WCU-P211D	CFL Pin type 11W D/L 2U		ReMark				0	0	
WCU-P211W	CFL Pin type 11W W/W 2U		- Norion				0		
WCU-P314D	CFL Pin type 14W D/L 3U		-				0	0	
WCU-P314W	CFL Pin type 14W W/W 3U		Reorder Level	30			0	0	
WCU-P320D	CFL Pin type 20W D/L 3U		-	-			0	0	
WCU-P320W	CFL Pin type 20W W/W 3U		-	-			0	0	
WCU-P323D	CFL Pin type 23W D/L 3U		Rack No	2		 	0		
WCU-P323W	CFL Pin type 23W W/W 3U		-			 	0		
WCU-PL09D	CFL Pin type Lo 09W D/L 3U		Item Discount	0.20	%	 	ů.		
WCU-PL11D	CFL Pin type Lo 11W D/L 3U		-			 	ő		
WCU-PL15D	CFL Pin type Lo 15W D/L 4U		Sales Commission	0.3	%	 	ő		
NCU-PL20D	CFL Pin type Lo 20W D/L 4U		Sales Commission	0.3	-70		0		
WCU-S09D	CFL Screw type 09W D/L 3U		-				0		
NCU-S09W	CFL Screw type 09W W/W 3U		-				0		
WCU-S11D	CFL Screw type 05W W/W 50 CFL Screw type 11W D/L 3U		-	Add	Cancel	 	0		
WCU-S11W	CFL Screw type 11W D/L 30		-			 	0		
WCU-S15D	CFL Screw type 11W W/W 50 CFL Screw type 15W D/L 4U		-			 	0		
WCU-S15W	CFL Screw type 15W D/L 40		0	mypos default	N/A		0		
WC0-515W	CFL SDEW type 15W W/W 40			inypos_deladit	N/A		0	0	

Add Products

earch							
Product Part No	Description	Re-order Quantity	Remark	Category	Rack No	Sales Commission (%)	Brand
VRS-240Y	RCD WIREMAN 2 POLE 40A 30		0	mypos default	N/A	0.0	
VEB-101S	10 Way Single Pole Sunk Enclos		0	mypos default	N/A	0.0	1
EB-131S	13 Way Single Pole Sunk Enclos		0	mypos_default	N/A	0.0	1
K-01113-BBL2	1/1.13MM SS BLUE 50M		0	mypos_default	N/A	0.0	1
K-01113-BBL4	1/1.13MM SS BLUE 100M		0	mypos_default	N/A	0.0	1
-01113-BBR2	1/1.13MM SS BROWN 50M		0	mypos_default	N/A	0.0	1
(-01113-BBR4	1/1.13MM SS BROWN 100M		0	mypos_default	N/A	0.0	1
-01113-NBL2	1/1.13MM SHEATHING BLUE 5		0	mypos_default	N/A	0.0	j
(-01113-NBL4	1/1.13MM SHEATHING BLUE 1		0	mypos_default	N/A	0.0	l l
-01113-NBR4	1/1.13MM SHEATHING BROWN		0	mypos_default	N/A	0.0	
-01113-NBR2	1/1.13MM SHEATHING BROWN		0	mypos default	N/A	0.0	1
-07053-CGY2	7/0.53MM FLAT TWIN GREY 50 M		0	mypos_default	N/A	0.0	1
(-07053-CGY4	7/0.53MM FLAT TWIN GREY 10		0	mypos_default	N/A	0.0	j
-07067-PGR2	7/0.67MM EARTH WIRE GREE		•	munan dafault	NI/A	0.0	1
-07067-PGR4	7/0.67MM EARTH WIRE GREE			Delete Product	×	0.0	1
-07104-CBK2	7/1.04MM FLAT TWIN BLACK 5	-				0.0	
-07104-CBK4	7/1.04MM FLAT TWIN BLACK 1					0.0	1
K-16202-FWT4	16/0.2MM TWO CORE WHITE		Do you w	ant to delete selected Product XK-07	'104-CBK1 ?	0.0	
(-1620T-FBB4	16/0.2MM TWISTED TWIN 100M		-			0.0	
(-01113-BBL6	1/1.13MM SS BLUE 500M			Yes No		0.0	1
K-01113-BBR6	1/1.13MM SS BROWN 500M			L		0.0	1
K-01113-NBL6	1/1.13MM SHEATHING BLUE 5	L	91	mypos_actaar	11/2	0.0	
(-01113-NBR6	1/1, 13MM SHEATHING BROWN		0	mypos default	N/A	0.0	
K-07053-CGY6	7/0.53MM FLAT TWIN GREY 50		0	mypos default	N/A	0.0	
K-07067-PGR6	7/0.67MM EARTH WIRE GREE		0	mypos default	N/A	0.0	1
K-16202-FWT6	16/0.2MM TWO CORE WHITE		0	mypos default	N/A	0.0	
K-1620T-FBB6	16/0.2MM TWISTED TWIN 500M		0	mypos_default	N/A	0.0	
LB-P03W	LED Bulb Pin type 03W W/W		0	mypos default	N/A	0.0	
LB-S03W	LED Bulb Screw type 03W W/W		0	mypos default	N/A	0.0	
lani Wire	Wire	4		Circuit Protection			) Kelani
AC-410C	Celing Rose - XAC-410C	5		Cables			Chint
C-410L	Lamp Holder - XAC-410L	2		Cables			Chint
-01113-BBR2	XK-01113-BBR2	3		Cables			Chint
-07104-CBK1	7/1.04mm Twin Flat 1m - XK-07	3		Cables			) Chint
K-01113-BBL4	1/1.13mm Blue 100m - XK-011	6		Cables			Kevilton
-01113-BBR4	1/1.13mm Brown 100m - XK-01	2		Cables			Kevilton

**Delete Product** 

			_				
Product Part No	Description	Re-order Quantity	<u>\$</u>	Item Update	×	Sales Commission (%)	Brand
VRS-240Y	RCD WIREMAN 2 POLE 40A 30		1			0.0	)
VEB-101S	10 Way Single Pole Sunk Enclos		Product Category	Cables	*	0.0	
VEB-131S	13 Way Single Pole Sunk Enclos					0.0	
VK-01113-BBL2	1/1.13MM SS BLUE 50M					0.0	
VK-01113-BBL4	1/1.13MM SS BLUE 100M		Product Supplier	Akalanka Perera	¥	0.0	
VK-01113-BBR2	1/1.13MM SS BROWN 50M					0.0	
VK-01113-BBR4	1/1.13MM SS BROWN 100M		Product Part No	XK-01113-BBR2		0.0	
VK-01113-NBL2	1/1.13MM SHEATHING BLUE 5					0.0	)
/K-01113-NBL4	1/1.13MM SHEATHING BLUE 1		Brand	Chint		0.0	
/K-01113-NBR4	1/1.13MM SHEATHING BROWN		Didilu	unint		0.0	
/K-01113-NBR2	1/1.13MM SHEATHING BROWN		1			0.0	
/K-07053-CGY2	7/0.53MM FLAT TWIN GREY 50 M		Description	XK-01113-BBR2		0.0	
/K-07053-CGY4	7/0.53MM FLAT TWIN GREY 10		1			0.0	0
/K-07067-PGR2	7/0.67MM EARTH WIRE GREE		1			0.0	)
/K-07067-PGR4	7/0.67MM EARTH WIRE GREE		1			0.0	)
/K-07104-CBK2	7/1.04MM FLAT TWIN BLACK 5		1	<		0.0	)
/K-07104-CBK4	7/1.04MM FLAT TWIN BLACK 1		1	<	>	0.0	0
VK-16202-FWT4	16/0.2MM TWO CORE WHITE		1			0.0	0
/K-1620T-FBB4	16/0.2MM TWISTED TWIN 100M		ReMark			0.0	
VK-01113-BBL6	1/1.13MM SS BLUE 500M		1			0.0	
VK-01113-BBR6	1/1.13MM SS BROWN 500M		1			0.0	
/K-01113-NBL6	1/1.13MM SHEATHING BLUE 5					0.0	
/K-01113-NBR6	1/1.13MM SHEATHING BROWN		Re-order Level	30		0.0	
/K-07053-CGY6	7/0.53MM FLAT TWIN GREY 50		1			0.0	)
/K-07067-PGR6	7/0.67MM EARTH WIRE GREE		Rack No			0.0	)
/K-16202-FWT6	16/0.2MM TWO CORE WHITE		- Nuck No			0.0	)
/K-1620T-FBB6	16/0.2MM TWISTED TWIN 500M		1			0.0	
/LB-P03W	LED Bulb Pin type 03W W/W		Item Discount	0.0	%	0.0	
VLB-S03W	LED Bulb Screw type 03W W/W		1			0.0	
elani Wire	Wire		Sales Commission	0.0	%	0.0	) Kelani
KAC-410C	Celling Rose - XAC-410C		1			0.0	Chint
AC-410L	Lamp Holder - XAC-410L		1				Chint
K-01113-88R2	XK-01113-BBR2					0.0	) Chint
K-07104-CBK1	7/1.04mm Twin Flat 1m - XK-07					0.0	Chint
KK-01113-88L4	1/1.13mm Blue 100m - XK-011		1	Update	Cancel		Kevilton
K-01113-88R4	1/1.13mm Brown 100m - XK-01						Kevilton

**Product Update** 

## VI. User and User Type Management Modules

• <u>Cloud application.</u>

$\leftrightarrow$ $\rightarrow$ C (i) localhos	t/FORECAST	-WEB/user/add			۲ 🎝 🕅 🖪 🗅 🦑 💺 🕄 :
<b>1</b>		æ			Orange Admin
警 Employee Managemer	nt >	one → User Management → Users → Ad	dd Llear		
🚨 User Management	~	Mar Home / Oser Management / Osers / At	JU 0581		
» Users	~	Add User			
≫ Add User			AMILA UMAYANGA		
≫ User List		Employee*	AMILA UMAYANGA	~	
Location Management	>	User Name*	amila		]
Product Management		Password*		•••	
PO Management		Role*	admin	~	
💼 Gm Management				🖺 Save	
≫ Add/Modify VAT					
🧰 Dealer List					

Add User

User Management <ul> <li>Wer List</li> <li>Management</li> <li>User List</li> <li>Management</li> <li>Show 25 • entries</li> </ul> <ul> <li>Show 25 • entries</li> <li>Cataton Management</li> <li>AdModify VAT</li> </ul> <ul> <li>Management</li> <li>AsAnKA AMARASINGHE</li> <li>Asanka Amarasingha@dimolanka.com</li> <li>Cinder Cinder Cinder</li></ul>	<b>~~</b>		<b>#</b> }						Orange	Admin
User Management     > User S     > Add User     > Maragement     > Roduct Management     > Product Management   > Om Management   > Om Management   > Con Management   > Management   > Con Management   > Management   > Con Management   > Co	Employee Management	>	45 Hom	a > UserManagement > Users	> Llear Liet					
W oberis       User List       Image: Constraint of the status of	User Management	~	- Holi	e / Oser Management / Osers	/ User List					
> Add User       Store List       Show 25 ♥ entries       Search         Locaton Management       >       Product Management       >       2       Orange Admin       admin       admin       admin@orangelanka.com       [rindexr]       2017-05-01 14.43.28       €       2       2       2       0       2       2       0       2       2       2       0       2 <td>» Users</td> <td>~</td> <td>User Li</td> <td>ist</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>+ Add</td>	» Users	~	User Li	ist					-	+ Add
V Cost Cut       Value	≫ Add User									
2       Orange Admin       admin       admin@orangelanka.com       [Index]       2017-05-0114.43.28       Image: Compare: Com			Show	25 v entries				Search		
Product Management       3       ASANKA AMARASINGHE       asaka       Asanka Amarasingha@dimolanka.com       [Index']       2017-01-20 07:22:29       •       •         PO Management       4       Rasika Perera       Reka Hettiarachchi       rasika@gmail.com       [Index']       2017-01-20 07:22:29       •       •       •         AddModify VAT       Showing 1 to 3 of 3 entries       •	Location Management	>	# ^	Name 🗢	User name 🛛 🕀	Email ¢	Permissions 🗧	Last Login 🔅	Status	Action
PO Management Gm Management AddModify VAT	Product Management	>	2	Orange Admin	admin	admin@orangelanka.com	["index"]	2017-05-01 14:43:28		ø
Gm Management     4     Rasika Perera     Reka Hettiarachchi     rasika@gmail.com     [index']     2017-01-20 10:44:04         AddModify VAT     Showing 1 to 3 of 3 entries	PO Management	>	3	ASANKA AMARASINGHE	asaka	Asanka.Amarasingha@dimolanka.com	["index"]	2017-01-20 07:22:29		ø
Add/Modify VAT Showing 1 to 3 of 3 entries $\leftarrow$ 1 $\rightarrow$		>	4	Rasika Perera	Reka Hettiarachchi	rasika@gmail.com	["index"]	2017-01-20 10:44:04		ø
Dealer I ist >	Add/Modify VAT		Showin	ig 1 to 3 of 3 entries					-	1 →
	Dealer List	>								

User List

• Point of Sale.

<u>چ</u>	User Type	×
Search		
User Type Name		
Admin		
Cashier		
Dealer		
Stock Manager		
Finance Admin		
HR Manager		
	Add User Type	
		Add Update Delete

Add User Type

٤	User Type		×
Search			
User Type Name			
Admin			
Cashier			
Dealer			
Stock Manager			
Finance Admin			
HR Manager			
Super Admin			
	Delete User Type     ×       O you want to delete selected User Type?       Yes   No		
		Add Update D	Delete

Delete User Types

<u>ه</u>	User Type	×
Search		
User Type Name Admin Cahlier Dader Didok Manager Finance Admin Ref Manager Super Admin		
	🛃 Update User Type 💌	
	User Type Name : HR Manager	
	Add Update	Delete

Update User Type

Search		9	Add User	×
User Name	Employee Name			All Given Permission
shanka	Shanaka Hardware nul			SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORD
amal	Nimal Kalupahana			SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORD
uneth	Suneth Kalupahana	User Name :	oshan	SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORD
han	Ishan Weththasinghe			[POS INVOICE]
ameera	Sameera Darshana	Password :		[POS INVOICE]
lenuwan	Denuwan Gunasinghe			[POS INVOICE]
umara	Kumara Abeysinghe			[POS INVOICE]
shan	Oshan Obeysekara	Confirm Password :	•••••	[POS INVOICE]
rishan	Krishan Kumarasiri			[POS INVOICE]
irushan	Erushan Perera	Employee Name :	Oshan Obeysekara	[POS INVOICE]
alith	Lalith Edirisinghe	Employee Marie .	oshari obeysekara 🗸 🗸	[REPORT]
isanda	Osanda Hettiarachchi			[GOOD RECEIVING, STOCK MANAGEMENT]
hathuranga	Chathuranga Bandara	User Type :	- Select A User Type - 🗸 🗸	Ū
ilantha	Nilantha Hettiarachchi			[STOCK MANAGEMENT, POS INVOICE]
henuwan	Thenuwan Bandara			[STOCK MANAGEMENT, POS INVOICE]
lineth	Dineth Perera	Permission	Allow / Not Allow	[REPORT]
anka	Sanka Gunasekara	SYSTEM MANAGEMENT	✓	[SYSTEM MANAGEMENT]
	Waruna Perera	ITEM MANAGEMENT	✓	[SYSTEM MANAGEMENT]
harith	Charith Nayanajith	PURCHASE ORDERING	<b>v</b>	[SYSTEM MANAGEMENT]
alpa	Kalpa Madusanka	GOOD RECEIVING	<b>v</b>	[POS INVOICE]
anjaya	Sanjaya Kapugoda	STOCK MANAGEMENT	<b>v</b>	[POS INVOICE]
uranga	Suranga Dineth	POS INVOICE	~	[REPORT]
aninda	Janinda Wijebandara	REPORT	~	[SYSTEM MANAGEMENT]
sunanda	Sunanda Perera	PAYMENT	✓	[SYSTEM MANAGEMENT]
uwan	Nuwan Hettiarachchi			[POS INVOICE]
anga	Ranga Subasinghe			[POS INVOICE]
akmal	Lakmal Edirisinghe			[REPORT]
junawardhana	Gunawardhana Hettiar			[STOCK MANAGEMENT, POS INVOICE]
anitha	Janitha Perera			[SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORD
hlanha	Thilanga Harshana			[POS INVOICE]
nasantha	Hasantha Buddika			[REPORT]
			Add Cancel	

Add User

Search			
User Name	Employee Name	User Type	All Given Permission
shanka	Shanaka Hardware null	Super Admin	SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORDER
namal	Nimal Kalupahana	Admin	SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORDER
uneth	Suneth Kalupahana	Admin	SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORDER
han	Ishan Weththasinghe	Cashier	[POS INVOICE]
ameera	Sameera Darshana	Cashier	[POS INVOICE]
enuwan	Denuwan Gunasinghe	Cashier	[POS INVOICE]
umara	Kumara Abeysinghe	Cashier	[POS INVOICE]
shan	Oshan Obeysekara	Cashier	[POS INVOICE]
ishan	Krishan Kumarasiri	Cashier	[POS INVOICE]
rushan	Erushan Perera	Cashier	[POS INVOICE]
lith	Laith Edirisinghe	Finance Admin	[REPORT]
sanda	Osanda Hettiarachchi	Stock Manager	[GOOD RECEIVING, STOCK MANAGEMENT]
hathuranga	Chathuranga Bandara	Dealer	
lantha	Nilantha Hettiarachchi	Stock Manager	[STOCK MANAGEMENT, POS INVOICE]
nenuwan	Thenuwan Bandara	Delete User ×	[STOCK MANAGEMENT, POS INVOICE]
ineth	Dineth Perera		[REPORT]
anka	Sanka Gunasekara		[SYSTEM MANAGEMENT]
varuna	Waruna Perera	Do you want to delete this User?	[SYSTEM MANAGEMENT]
harith	Charith Nayanajith		[SYSTEM MANAGEMENT]
alpa	Kalpa Madusanka	Yes No	[POS INVOICE]
anjaya	Sanjaya Kapugoda		[POS INVOICE]
uranga	Suranga Dineth		[REPORT]
aninda	Janinda Wijebandara	HR Manager	[SYSTEM MANAGEMENT]
unanda	Sunanda Perera	HR Manager	[SYSTEM MANAGEMENT]
uwan	Nuwan Hettiarachchi	Cashier	[POS INVOICE]
anga	Ranga Subasinghe	Cashier	[POS INVOICE]
akmal	Lakmal Edirisinghe	Finance Admin	[REPORT]
unawardhana	Gunawardhana Hettiarachchi	Stock Manager	[STOCK MANAGEMENT, POS INVOICE]
anitha	Janitha Perera	Admin	[SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORDE
hilanha	Thilanga Harshana	Cashier	[POS INVOICE]
asantha	Hasantha Buddika	Finance Admin	[REPORT]

Delete User

			User		
earch		ع Up	date User	×	
User Name	Employee Name		dute oser		All Given Permission
shanka	Shanaka Hardware null				SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORDER.
amal	Nimal Kalupahana				SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORDER.
uneth	Suneth Kalupahana	User Name :	osanda		SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORDER.
shan	Ishan Weththasinghe	ober Hume :	osanda		[POS INVOICE]
ameera	Sameera Darshana	Current Password :			[POS INVOICE]
enuwan	Denuwan Gunasinghe	Current Password :			[POS INVOICE]
umara	Kumara Abeysinghe				[POS INVOICE]
ishan	Oshan Obeysekara	New Password :			[POS INVOICE]
rishan	Krishan Kumarasiri				[POS INVOICE]
irushan	Erushan Perera	Confirm New Password :			[POS INVOICE]
aith	Lalith Edirisinghe	Comminiew Password :			[REPORT]
osanda	Osanda Hettiarachchi				[GOOD RECEIVING, STOCK MANAGEMENT]
hathuranga	Chathuranga Bandara	Employee Name :	Osanda Hettiarachchi	~	0
ilantha	Nilantha Hettiarachchi				[STOCK MANAGEMENT, POS INVOICE]
henuwan	Thenuwan Bandara	User Type :	Stock Manager	~	[STOCK MANAGEMENT, POS INVOICE]
lineth	Dineth Perera	user type .	Stock Hanager	· ·	[REPORT]
anka	Sanka Gunasekara				[SYSTEM MANAGEMENT]
varuna	Waruna Perera				[SYSTEM MANAGEMENT]
harith	Charith Nayanajith	Permission	Allow / Not Allow		[SYSTEM MANAGEMENT]
alpa	Kalpa Madusanka	SYSTEM MANAGEMENT			[POS INVOICE]
anjaya	Sanjaya Kapugoda	ITEM MANAGEMENT			[POS INVOICE]
suranga	Suranga Dineth	PURCHASE ORDERING			[REPORT]
aninda	Janinda Wijebandara	GOOD RECEIVING	✓		[SYSTEM MANAGEMENT]
unanda	Sunanda Perera	STOCK MANAGEMENT	✓		[SYSTEM MANAGEMENT]
iuwan	Nuwan Hettiarachchi	POS INVOICE			[POS INVOICE]
anga	Ranga Subasinghe	REPORT			[POS INVOICE]
akmal	Lakmal Edirisinghe	PAYMENT			[REPORT]
gunawardhana	Gunawardhana Hettiara				[STOCK MANAGEMENT, POS INVOICE]
anitha	Janitha Perera				[SYSTEM MANAGEMENT, ITEM MANAGEMENT, PURCHASE ORDER.
hilanha	Thilanga Harshana				[POS INVOICE]
nasantha	Hasantha Buddika				[REPORT]

Update User

### VII. Supplier Management Module

• Point of Sale.

		Supplier			×
Suppler Supplier Type					
Search					
Supplier Type		Creat			
Wire		2017/0			
Cable		2017/0	4/30		
Switch & Scokets		2017/0	4/30		
LED Bulb CFL Bulb		2017/0			
CFL Bulb Extension Cord		2017/0	4/30		
Extension Cord Wall Switch		2017/0	4/30		
Electrical Plugs & Sockets		2017/0	4/30		
Push Button Switches	-				
Rocker Switches	<b>≟</b>	New Supplier	уре		
Wholesale					
Retails					
	SupplierType :	Battery	Cancel		
				New	Update Delete

Add supplier Type

<u>ه</u>	Supplier			×
Supplier Supplier Type				
Search				
Suppler Type Wire Cable South A Sockets LED Bub CPL Bub ED Bub ED Bub Externan Cord Wall Switch Electrical Pupe & Sockets Puph Button Switches Rocker Switches Wiolesale Retails	Created On       3017/04/30       3			
	Ves No			
		New	Update	Delete

Delete Supplier Type

]	Supplier		
Supplier Supplier Type			
earch			
Supplier Type	Created On		
Vire	2017/03/24		
Cable	2017/04/30		
witch & Scokets	2017/04/30		
ED Bulb	Update Supplier Type		
FL Bulb			
ktension Cord			
all Switch	SupplierType : Rocker Switches		
ectrical Plugs & Sockets	Supplies Type - Robert Smithles		
ish Button Switches			
icker Switches holesale			
tais			
etans	Update Cancel		
		y Update	

Update supplier type

			Supplier			
Supplier						
sarch						
Supplier Name	Supplier Type		Contact No		Address	
kalanka Perera	Cable		0775212552		No 55,Lake house Rd, Colombo 02	
kash Perera	Cable		0.75050000		No 36/b Wattala	
mal Gunathilaka	Wall Switch	<b></b>	New Supplier	×	No: 67, Wattegedara	
rjuna Kulathunga	Wall Switch				No:9, Kohuwala	
andara Herath	LED Bulb				No: 25, Puwakpitiya	
andula Herath	Wholesale	Supplier Name	Ishanka Perera		No: 55, Pannipitiya	
uddika Dunuwila	LED Bulb	Juppier Name	15 IOI ING PELELO		No: 12, Depanama, Pannipitiya	
uddika Madushan	CFL Bulb	-			No: 45, Ragama	
handana Munasinghe	Wholesale	Supplier Type	LED Bulb		No: 25 , Kekirawa	
handara Perera	LED Bulb		120 000		No: 11, Rathnapura	
handimal Dunuwila	Retails				No: 88, Matale	
hiran Hemantha	CFL Bulb	Supplier Contact No	0770171028		No: 56, Watte gedara	
ammika Liyanapathirana	Wholesale		0.1.010		No: 55, Kottawa	
anajaya Akalanka	Cable				Suwasewana, Dikwella	
anuka Gunasekara	Wall Switch	Supplier Address		¬	No: 58, Maharagama	
anushka Vijebandara	CFL Bulb	Supplier Address	No:25/B, Hokandara, Pannipitiya		No:8, Paligedara paara, Pannipitiya	
arshana Hettiarachchi	Rocker Switches		No.25/D, Hokaridara, Parinproya		No: 67, Halpitagama	
arshana Manasinghe	LED Bulb				No: 78, Kubukgaha watta	
enuwan Samarajeewa	CFL Bulb				No:25, Rajagiriya	
ilantha Subasinghe	Switch & Scokets	-			No: 88, Nugegoda	
ileepa Sandaruwan	Rocker Switches	-			No: 88, Meegoda	
uminda Dahanavake	CFL Bulb	-			No:56, Pannipitiya	
iarsha De Silva	CFL Bulb	-			No: 24, Koswatta	
Iarshana Wedasinghe	Cable				No 88, Kelaniya	
lasantha Perera	CFL Bulb		144 Barriel		No: 98, Kirulapana	
lasitha Buddika	LED Bulb		Add Cancel		No: 66, Kohila Waththa	
emantha Perera	Switch & Scokets				Rajagira, Baththaramulla	
irushan Kulathunga	Wire		0778812232		No 78/2, Navinna	
irushan Nayanajith	Retails		0755210011		No: 55, Pannipitiya	
ussen Malik	Wire		0788221250		No 56, Nugegoda	
anga Bandara	Push Button Switches		0771251000		No: 25, Rajagiriya	
shan Gamage	Extension Cord		0758001200		No: 58, Kohuwala	
shara Dunuwila	Switch & Scokets		0756259366		No 58/3, Dematagoda	
	owner a oconcio		0730233300			_
					New Update	Delete

Add new supplier

		Supplier		
Supplier Type				
Supplier				
earch				
Supplier Name	Supplier Type	Contact No	Address	
kalanka Perera	Cable	0775212552	No 55.Lake house Rd. Colombo 02	
kash Perera	Cable	0756598200	No 36/b Wattala	
amal Gunathilaka	Wall Switch	0758500011	No: 67, Watteoedara	
Ariuna Kulathunga	Wall Switch	0785001011	No:9, Kohuwala	
Bandara Herath	LED Bulb	0775566500	No: 25, Puwakpitiya	
Bandula Herath	Wholesale	0741009900	No: 55, Pannipitiya	
uddika Dunuwila	LED Bulb	0789521232	No: 12, Depanama, Pannipitiya	
luddika Madushan	CFL Bulb	0775511000	No: 45, Ragama	
Chandana Munasinghe	Wholesale	0771100289	No: 25 , Kekirawa	
Chandara Perera	LED Bulb	0778564513	No: 11 , Rathnapura	
Chandimal Dunuwila	Retails		No: 88, Matale	
Chiran Hemantha	CFL Bulb	Delete Supplier ×	No: 56, Watte gedara	
Dammika Liyanapathirana	Wholesale		No: 55, Kottawa	
Danajaya Akalanka	Cable	Do you want to delete this Supplier ?	Suwasewana, Dikwella	
Danuka Gunasekara	Wall Switch	bo you want to delete this supplier :	No: 58, Maharagama	
Danushka Vijebandara	CFL Bulb		No:8, Paligedara paara, Pannipitiya	
Darshana Hettiarachchi	Rocker Switches	Yes No	No: 67, Halpitagama	
Darshana Manasinghe	LED Bulb		No: 78, Kubukgaha watta	
Denuwan Samarajeewa	CFL Bulb	0771120012	No:25, Rajagiriya	
Dilantha Subasinghe	Switch & Scokets	0788112002	No: 88, Nugegoda	
Dileepa Sandaruwan	Rocker Switches	0711015529	No: 88, Meegoda	
Duminda Dahanayake	CFL Bulb	0754228820	No:56, Pannipitiya	
Harsha De Silva	CFL Bulb	0789512355	No: 24, Koswatta	
Harshana Wedasinghe	Cable	0775512000	No 88, Kelaniya	
iasantha Perera	CFL Bulb	0156123510	No: 98, Kirulapana	
	LED Bulb			
Hemantha Perera	Switch & Scokets	0112584226	Rajagira, Baththaramulla	
iirushan Kulathunga	Wire	0778812232	No 78/2, Navinna	
firushan Nayanajith	Retails	0755210011	No: 55, Pannipitiya	
lussen Malik	Wire	0788221250	No 56, Nugegoda	
langa Bandara	Push Button Switches	0771251000	No: 25, Rajagiriya	
ishan Gamage	Extension Cord	0758001200	No: 58, Kohuwala	
shara Dunuwila	Switch & Scokets	0756259366	No 58/3, Dematagoda	

Delete supplier

2			Supplier		
Supplier Type					
Supplier					_
earch					
Supplier Name	Supplier Type		Contact No	Address	
Akalanka Perera	Cable		0775212552	No 55,Lake house Rd, Colombo 02	
Akash Perera	Cable		0756598200	No 36/b Wattala	
Amal Gunathilaka	Wall Switch		0758500011	No: 67, Wattegedara	
Arjuna Kulathunga	Wall Switch	🖆 Up	date Supplier ×	No:9, Kohuwala	
Bandara Herath	LED Bulb		date supplier	No: 25, Puwakpitiya	
Bandula Herath	Wholesale			No: 55, Pannipitiya	
Buddika Dunuwila	LED Bulb	Supplier Name	Hemantha Perera	No: 12, Depanama, Pannipitiya	
Buddika Madushan	CFL Bulb			No: 45, Ragama	
Chandana Munasinghe	Wholesale	Supplier Type	Switch & Scokets	No: 25 , Kekirawa	
Chandara Perera	LED Bulb	Supplier Type	Switch & Scokets	No: 11, Rathnapura	
Chandimal Dunuwila	Retails	_		No: 88, Matale	
hiran Hemantha	CFL Bulb	Supplier Contact No	0112584226	No: 56. Watte gedara	
Dammika Liyanapathirana	Wholesale			No: 55, Kottawa	
Danajaya Akalanka	Cable			Suwasewana, Dikwella	
Danuka Gunasekara	Wall Switch	Supplier Address	Rajagira, Baththaramulla	No: 58, Maharagama	
Danushka Vijebandara	CFL Bulb			No:8, Paligedara paara, Pannipitiya	
Darshana Hettiarachchi	Rocker Switches			No: 67, Halpitagama	
Darshana Manasinghe	LED Bulb	_		No: 78, Kubukgaha watta	
Denuwan Samarajeewa	CEI Bulb			No:25, Rajagiriya	
Dilantha Subasinghe	Switch & Scokets	_		No: 88, Nugegoda	
Dileepa Sandaruwan	Rocker Switches			No: 88, Meegoda	
Duminda Dahanayake	CFL Bulb			No:56, Pannipitiya	
Harsha De Silva	CFL Bulb			No: 24, Koswatta	
Harshana Wedasinghe	Cable		Update Cancel	No 88, Kelaniya	
Hasantha Perera	CRUE CFL Bulb			No: 98, Kirulapana	
Hasitha Buddika	LED Bulb	-		No: 66, Kohila Waththa	
Hemantha Perera	Switch & Scokets		0112584226	Rajacira, Baththaranulla	
firushan Kulathunga	Wire		0778812232	No 78/2, Navinna	
firushan Nayanajith	Retails		0755210011	No: 55, Pannipitiya	
Hussen Malik	Wire		0755210011	No 56, Nugegoda	
langa Bandara	Push Button Switches		0788221250	No: 25, Rajagiriya	
Ishan Gamage	Extension Cord		0771251000	No: 58, Kohuwala	
			0758001200 0756259366		
Ishara Dunuwila	Switch & Scokets		0/20223300	No 58/3, Dematagoda	

Update supplier

### VIII. Sales and invoicing module

• <u>Point Of sale.</u>

loss	BILL	DISCOUNT	0.0% GARAGE	POS INVOICE DISCOUNT	NET		BALA	ICE		
7,668	.95 .0	D	.00		37,66	8.95	-37	,668	3.95	
an	Ca	ish		Emp Nimal	Kalupahana	<ul> <li>Cus Ge</li> </ul>	eneral			*
arts Services							DISCOU		ARAGE	F E
Product Code NCS-E07W NG1-025C	Description CFL E14 type 7W W/W Spiral	4,344.72	3	ross Line Amount 13,034.16	0	Line Amount 13,034.16				
/LB-P09W (AC-410C	GLS Pin type 25W Clear Bulb LED Bulb Pin type 09W W/W Celling Rose - XAC-410C	693.71 4,022.08 350.00	3 20	3,468.55 12,066.24 7,000.00	0	3,468.55 12,066.24 7,000.00	HOLD		RECALL	
AC-410L	Lamp Holder - XAC-410L	210.00	10	2,100.00	0	2,100.00	TOTAL B DISCOU		RINT BILL	
							SEARC	H ES	TIMATION	
							7	8	9	
							4	5	6	
							1	2	3	
								2		
							0		С	
	CARD		CHEQUE		CREDIT		OVER	RPAYMEN	IT	
	.00		.00		.00			.00		

Add Invoice

				_ 🗆 ×									
OSS	<u>&amp;</u>			Product And	d Service Search				×	BAL	NCE		
	Parts Service	s								2	7 6	60 OF	
7,668.9	Search					Category ALL			v		1,60	68.95	v
n	Part No.	Description	Category	Current Price	Previous Price	Available Otv	Discount	Rack No.		eneral			*
ts Services	1101070	con our ran ope	mypoa_ucroure	0,000.00	0.00			AVINO .				GARAGE	F
	WLB-P07W	LED Bulb Pin type		513.87				0.0 N/A	^	DISCO	UNT	DISCOUNT	i i
duct Code	WLB-P09D		mypos_default	2,055.45				0.0 N/A					
-E07W	WLB-S03D	LED Bulb Screw t		2,569.32				0.0 N/A					
-025C	WLB-S05D	LED Bulb Screw t		144.78				0.0 N/A		HOL	D	RECALL	
-P09W	WLB-S05W WLB-S07D	LED Bulb Screw t		2,312.39				0.0 N/A				11201122	
-410C	WLB-S07D WLB-S07W	LED Bulb Screw t LED Bulb Screw t		4,735.25				0.0 N/A 0.0 N/A					
410L	WLB-S07W WLB-S09D	LED Bulb Screw t		4,755.25				0.0 N/A		TOTAL		PRINT BILL	
	WLB-S09D WLB-S09W	LED Bulb Screw t		11,952,47				0.0 N/A		DISCO	UNT	PHINI BILL	
	Kelani Wire	Wire	Circuit Protection					0.0			_		-
	XK-01113-BBR2	XK-01113-BBR2	Cables	220.00									
	XK-01113-BBR4	1/1.13mm Brown		350.00			CIICK (	on sea	arch 너	SEAF	ICH	ESTIMATION	
	XK-07104-CBK1	7/1.04mm Twin F		450.00				0.0					
	XKK-01113-BBL4	1/1.13mm Blue 1	Cables	295.00	0.00	5000		0.0	~			-	
										7	8	9	
	Qty 0		Current Price	Previous Price				A.	dd Product		_	-	
	Quy 0		content rice Or	revious Frice				~	arroudet				
										4	5	6	
										4	0	U	
	q w	e r	ty	y u i	о р		7	8 9	9	1	2	3	
	q w	e r	ty	yu i	o p	Enter Tat		8 !	9	1	2	3	
	q w a s	e r d f		yui njk	o p I Shift	Enter Tat		_	9 6 ent	1 0	2	3 C	1
							,	_		1 0	2		1
СА			g ł	njk			4	5 (			2 ERPAYN	C	
CA	a s	d f	g H	njk	l Shift		4	5 (	5 ent		ERPAYN	C	
CA	a s	d f	g H	njk	l Shift		4	5 (	5 ent		ERPAYN	C	

Search Item for invoice

<u>*</u>					POS	INVOICE						-	
GROSS	BILL	DISCOUNT	0.0	% GARA			NET			BALAN	ICE		
37,66	68 <b>.</b> 95 .0	0		.00		_	37,6	668.95		-37	,668	3.95	
Scan	Ca	ish	C	ard Payme	ent ×	) Nimal Ka	lupahana	~ Cu	ıs Ge	neral			v +
Parts Servi Product Cod		Unit Price	Bank Commercia	Bank	~	punt Dise	ount Amount	Net Line Amount		DISCOU		ARAGE SCOUNT	RET
WCS-E07W WG1-025C WLB-P09W	CFL E14 type 7W W/W Spiral GLS Pin type 25W Clear Bulb LED Bulb Pin type 09W W/W	4,344 693 4,022	Card Type Visa		*	13,034.16 3,468.55 12,066.24		0 3,4 0 12,0	34.16 68.55 66.24	HOLD	F	RECALL	Ú R N
XAC-410C XAC-410L	Celling Rose - XAC-410C Lamp Holder - XAC-410L	350 210	Card No 102010201	.020		7,000.00			00.00	TOTAL BI DISCOUT		RINT BILL	R E P R
			Amount (R: 37668.95	5)						SEARCI	H ES	TIMATION	n N T
			Save		Clear					7	8	9	CHEODE
			_							4	5	6	Q U E
			7	8	9					1	2	3	C A
L			4	5	6				Û	0		С	C A R D
	CARD		1	2	3		CREDI	г		OVER	PAYMEN	п	Use
	.00		0	•	С		.00				.00		

Make Payment

<u>\$</u>		POS IN	VVOICE			
GROSS	BILL DISCOUNT	0.0% GARAGE DISCO	DUNT NET		BALANCE	
37,668.95	.00	.00	37,66	8.95	-37,66	8.95
ican	Cash	Emp	Nimal Kalupahana	Cus Gener	ral	~
Parts Services Product Code Description	Uni TNV 29 00001	Invoi	ce List			
WCS-E07W         CFL E14 typ           WG1-025C         GLS Pin type           WLB-P09W         LED Bulb Pin	e 7W W/W Spiral INV_29_00002 2 25W Clear Bulb INV_29_00003 i type 09W W/W INV_29_00004	No Product 1 WG1-025C 2 WG1-025CM 3 WG1-025CM	U.Price Qty Discount 34.68 2 0.0 10.0 4 0.0 10.0 6 0.0	Line Total 69.36 40.0 60.0 0	HOLD	RECALL
XAC-410C Celling Rose XAC-410L Lamp Holder					OTAL BILL DISCOUNT	
			Click on	Reprint	SEARCH ES	
					7 8	9
					4 5	6
			Viev	/ Invoice	1 2	3
					0.	C
CARD		CHEQUE	CREDIT		OVERPAYME	NT 🖂
.00		.00	.00		.00	)

View invoices

Au	to Mart Service Sta No : 270, Kandy Road,Goo TEL :111 <sup>7</sup>	dapola,BelioyaKa		Сору
CUSTOMER NAME : General	CASHIER : Shanaka	INVOICE NO :	INV_29_00004	DATE : Mar 26, 2017
# PART NO/ DESCRIPTION	QTY	UNIT PRICE (Rs)	DISCOUNT (Rs)	AMOUNT(Rs)
1 WG1-025C GLS Pin type 25W Clear Bulb	2	34.68	0.00	69.36
2 WG1-025CM GLS Pin type 25W Clear Bulb	4	10.00	0.00	40.00
3 WG1-025CM GLS Pin type 25W Clear Bulb	6	10.00	0.00	60.00
No of Item(s) 3	12	54.68	0.00	169.36
GROSS (RS) 169.36	ITEM DISCOUNT (RS)	0.00	NET AMOUNT	169.36
<b>TOTAL NET</b> 169.36	PAID AMOUNT(RS)	200.00	BALANCE (RS	) 0.00

Print invoice

## IX. Stock Management Module

			Stock View Form			
Search				с	ategory ALL	
Part No	Description	Category	Buying Price	Current Price	Previous Price	Available Qty
WCS-E05D	CFL E14 TYPE 5W D/L SPI	mypos default	13,154.92	16,443.64	0.00	2
WCS-E05W	CFL E14 type 5W W/W Spiral		2,055.45		0.00	15
WCS-E07D	CFL E14 type 7W D/L Spiral	mypos default	1,107.89	1,384.86	0.00	11
WCS-E07W	CFL E14 type 7W W/W Spiral	mypos default	3,475.78	4,344.72	0.00	9
WCS-E09D	CFL E14 type 9W D/L Spiral	mypos default	1,233.27	1,541.59	0.00	26
WCS-E09W	CFL E14 type 9W W/W Spiral	mypos default	1,490.74	1,863.43	0.00	8
WCS-E11D	CFL E14 type 11W D/L Spiral	mypos_default	4,633.06	5,791.33	0.00	3
WCS-E11W	CFL E14 type 11W W/W S	mypos_default	15,037.40	18,796.75	0.00	2
WCS-P05D	CFL Pin type 5W D/L Spiral	mypos_default	12,295.73	15,369.66	0.00	1
WCS-P05W	CFL Pin type 5W W/W Spiral	mypos_default	11,775.70	14,719.62	0.00	1
WG1-025C	GLS Pin type 25W Clear Bulb	mypos_default	27.75	34.68	6,937.16	189
WG1-025CM	GLS Pin type 25W Clear Bulb	mypos_default	7.70	10.00	0.00	24
WG1-040C	GLS Pin type 40W Clear Bulb	mypos_default	6,400.44	8,000.55	0.00	3
WG1-040CM	GLS Pin type 40W Clear Bulb	mypos_default	5,138.64	6,423.30	0.00	2
WG1-060C	GLS Pin type 60W Clear Bulb	mypos_default	1,725.00	2,300.00	0.00	3
WG1-060CM	GLS Pin type 60W Clear Bulb	mypos_default	2,162.34	2,702.93	0.00	6
WG1-075C	GLS Pin type 75W Clear Bulb	mypos_default	2,589.87	3,237.34	0.00	2
WG1-075CM	GLS Pin type 75W Clear Bulb	mypos_default	3,940.30	4,925.38	0.00	3
WG1-100C	GLS Pin type 100W Clear B	mypos default	230.00	345.00	0.00	0
WG1-100CM	GLS Pin type 100W Clear B	mypos_default	1,605.35	2,006.69	0.00	9
WG2-025CM	GLS Screw type 25W Clear	mypos_default	7,749.07	9,686.33	0.00	4
WG2-040CM	GLS Screw type 40W Clear	mypos_default	3,681.31	4,601.64	0.00	5
WG2-060CM	GLS Screw type 60W Clear	mypos_default	3,239.39	4,049.24	0.00	11
WG2-075CM	GLS Screw type 75W Clear	mypos_default	4,894.04	6,117.55	0.00	5
WG2-100CM	GLS Screw type 100W Cle	mypos_default	1,233.27	1,541.59	0.00	4
WLB-P03D	LED Bulb Pin type 03W D/L	mypos_default	3,288.72	4,110.90	0.00	8
WLB-P05D	LED Bulb Pin Type 05W D/L	mypos_default	1,644.30	2,055.38	0.00	5
WLB-P05W	LED Bulb Pin type 05W W/W	mypos_default	3,288.62	4,110.78	0.00	5
WLB-P07D	LED Bulb Pin type 07W D/L	mypos_default	3,083.18	3,853.98	0.00	4
WLB-P07W	LED Bulb Pin type 07W W/W	mypos_default	411.09	513.87	0.00	10
WLB-P09D	LED Bulb Pin type 09W D/L	mypos_default	1,644.36	2,055.45	0.00	15
WIR_DOOM	ED Bulk Pin type 09W/W/A/	mypos default	3 217 67	4 022 08	0.00	23

• Point Of sale.

#### Current stock view in POS system

#### X. Service Module

<u>چ</u>	Service			×
Service Service Type				
Search				
Service Type	Created On			
Residential	2017/04/30			
Commercial	2017/04/30			
Industrial	2017/04/30			
Emergency	2017/04/30			
Remo	2017/04/30			
Facility Maintenance	2017/04/30			
	New Service Type       Service Type : remodeling       Add			
		New	Update	Delete

• <u>Point of sale.</u>

### Add New Service Type

					Service							
Service Type												
Jervice												
arch												
						-						
Service Name	Service Type	Service Code	Se	rvice Cost (			ice Charge (R		Service Discount (%)	Created		
ew construction	Residential	R001			5,000			1,000.00		.20 2017/04		
emodeling	Residential	R002	_		5.800	0.001	×	1,200.00		.50 2017/04		
rchitectural take-offs	Residential	R003	_	N	ew Service		~	1,258.00		.20 2017/04		
ervice upgrades	Residential	R004						550.00		.80 2017/04		
reaker panel upgrades	Residential	R005						2,500.00		.00 2017/04		
Outlets and switches	Residential	R006	Service Name		Service Upgrade			5,200.00		.00 2017/04		
ew lighting installation	Residential	R007	_					2,510.00		.00 2017/04		
ustom lighting installation	Residential	R008	Service Type		Emergency		~	1,250.00		.00 2017/04		
ghting upgrades	Residential	R009					L	2,580.00		.00 2017/04		
utdoor security	Residential	R010	Service Code		E0120		L	3,500.00		.00 2017/04		
arden lighting	Residential	R011	Service Code		E0120			6,500.00		.00 2017/04		
ectrical service inspections	Residential	R012						9,850.00		.00 2017/04		
asement finish wiring	Residential	R013	Service Cost	(Rs)	2500			2,580.00		.00 2017/04		
ome theater wiring	Residential	R014						8,000.00		.00 2017/04		
roubleshooting	Residential	R015	Service Charg	no (De)	1520			7,500.00		.00 2017/04		
lew construction	Commercial	C001	bervice energy	ic ((a)	1010			50,000.00		.20 2017/04		
ighting maintenance	Commercial	C002						5,800.00		.00 2017/04		
ecurity lighting	Commercial	C003	Service Disco	unt (%)	0.30			2,500.00		.00 2017/04		
Senerator installations	Commercial	C004						1,580.00		.00 2017/04		
Computer circuits	Commercial	C005						1,250.00		.00 2017/04		
ED lighting	Commercial	C006						1,470.00		.00 2017/04	/30	
hotovoltaics	Commercial	C007			Add	Can	cel	250.00		.00 2017/04		
ode corrections	Commercial	C008						1,200.00		.00 2017/04	/30	
emodel and retrofit	Commercial	C009						2,500.00		.00 2017/04	/30	
ervice upgrades	Commercial	C010			0,900	0.00		6,500.00		.00 2017/04	/30	
ieneral electrica	Industrial	1001			25,800	0.00		35,820.00		.00 2017/04	/30	
ew construction	Industrial	1002			35,802			2,555.00		.00 2017/04	/30	
emodel & retrofits	Industrial	1003			8,955	5.00		5,888.00		.00 2017/04	/30	
ata cabling	Industrial	1004			98,520	0.00		24,580.00		.00 2017/04	/30	
kit signs & egress lights	Industrial	1005			58,900	0.00		5,820.00		.00 2017/04	/30	
frared panel scanning	Industrial	1006			78,502	2.00		2,580.00		.00 2017/04	/30	
	Industrial	1007			87,450	0.00		58,900.00		.00 2017/04	/20	

#### Add service

Service Type											
Service											
earch											
Service Name	Service Type	Service Code	Se	rvice Cost (Rs)		Service Charge		Service Discount (%)	Create		
Dutdoor security	Residential	R010			5,890.00		3,500.00		.00 2017/0		
arden lighting	Residential	R011	_			×	6,500.00		.00 2017/0		
lectrical service inspections	Residential	R012		Updat	e Service	<b>^</b>	5/000100		.00 2017/0		
asement finish wiring	Residential	R013	_				2,580.00		.00 2017/0		
fome theater wiring	Residential	R014			10		8,000.00		.00 2017/0		
roubleshooting	Residential	R015	Service Name	Neon a	nd florescent repai	rs	7,500.00		.00 2017/0		
New construction	Commercial	C001	_				50,000.00		.20 2017/0		
ighting maintenance	Commercial	C002	Service Type	Indust	ial	~	5,800.00		.00 2017/0		
Security lighting	Commercial	C003					2,500.00		.00 2017/0		
Generator installations	Commercial	C004	Service Code	1008			1,580.00		.00 2017/0		
Computer circuits	Commercial	C005	Service Code	1008			1,250.00		.00 2017/0		
.ED lighting	Commercial	C006					1,470.00		.00 2017/0		
hotovoltaics	Commercial	C007	Service Cost (	Rs) 58000			250.00		.00 2017/0		
Code corrections	Commercial	C008					1,200.00		.00 2017/0		
Remodel and retrofit	Commercial	C009	Service Charge	e (Rs) 45000			2,500.00		.00 2017/0		
Service upgrades	Commercial	C010	Service energy	10000			6,500.00		.00 2017/0		
General electrica	Industrial	1001		-			35,820.00		.00 2017/0		
New construction	Industrial	1002	Service Discou	nt (%) 🧻			2,555.00		.00 2017/0		
Remodel & retrofits	Industrial	1003					5,888.00		.00 2017/0	4/30	
Data cabling	Industrial	1004					24,580.00		.00 2017/0	4/30	
Exit signs & egress lights	Industrial	1005					5,820.00		.00 2017/0	4/30	
Infrared panel scanning	Industrial	1006			Update	Cancel	2,580.00		.00 2017/0		
Preventative maintenance	Industrial	1007					58,900.00		.00 2017/0		
Veon and florescent repairs	Industrial						45,850.00		.00 2017/0		
Bucket truck service	Industrial	1009			23,877.00		1,582.00		.00 2017/0	4/30	
Senerator installations	Industrial	1010			58,700.00		24,500.00		.00 2017/0	4/30	
Rapid response	Emergency	E001			58,880.00		5,600.00		.00 2017/0	4/30	
Froubleshooting & repairs	Emergency	E002			12,500.00		1,296.00		.00 2017/0	4/30	
Audits & maintenance	Emergency	E003			8,400.00		1,250.00		.00 2017/0	4/30	
witch maintenance	Emergency	E004			59,800.00		2,550.00		.00 2017/0	4/30	
Switch installations	Emergency	E005			58,000.00		14,222.00		.00 2017/0	4/30	
Power response planning	Emergency	E006			69,950.00		1,100.00		.00 2017/0		

### Update Services

	Service		
Service Service Type			
service Type			
arch			
ervice Type	Created On		
isidential	2017/04/30		
mmercial	2017/04/30		
lustrial	2017/04/30		
ergency	2017/04/30		
modeling	2017/04/30		
cility Maintenance	2017/04/30		

Services List

## **Appendix B – Important Coding Parts**



#### Download products form server

```
21 🖯 /**
🐼 Navigator 🚦 📊 Projects
     22
     23
                * @author User
     24
            * @created 2016-06-09
     25
            */
     8
           @Entity
     27
           @Table(name = "mypos grn")
           public class Grn {
     28
     29
     30
                @Id
     31
                @GeneratedValue(strategy = GenerationType.IDENTITY)
     32
                @Column(name = "ID")
                private Long grn_Id;
     33
     34
     35
                @Column(name = "GRN_ID")
               private Integer grnId;
     36
     37
                @Column(name = "GRN NO")
     38
     39
                private String grnNo;
     40
                @ManyToOne(fetch = FetchType.LAZY)
     41
     42
                @JoinColumn(name = "Po_ID")
     43
                private Po po;
     44
                @ManyToOne(fetch = FetchType.LAZY)
     45
     46
                @JoinColumn(name = "SUPPLIER ID")
               private Supplier supplier;
     47
     48
```

#### Hibernate entity class

<u>.</u>	1 7	•		
E - C	91	9		
Proje	92	0	Ę	<pre>public boolean update(Product obj) {</pre>
	92	1		<pre>Date date = new Date();</pre>
5	92	2		<pre>obj.setUpdatedAt(date);</pre>
÷	92	3		return super.update(obj); //To change body of generated methods, choose Tools   Templa
igat	92	4	L	}
Mavigator	92	5		
8	92	6	뒤	<pre>public boolean save(Product obj) {</pre>
-	92	7		<pre>Date date = new Date();</pre>
	92	8		<pre>obj.setCreatedAt(date);</pre>
	92	9		<pre>obj.setStatus(1);</pre>
	93	0		return super.save(obj); //To change body of generated methods, choose Tools   Template:
	93	1	L	}

Save and update users via hibernate ORM

# **Appendix C - Test Cases**

System 1	Login
----------	-------

ID	Function	Testing Procedure	Expected Output	Test Priority
Comr	non Functions			·
1.	Logging into the system	Enter invalid username or password	An error message will indicate the error	High
2.	Logging into the system	Enter valid Username and password	User will be logged in to the system and logged in to	High
3.	Logout From the system	Click the logout button	User will be logged out and Redirect to the login	High
4	Change password	Fill the form for password change	Invalid values for the current password	High
5.	Unauthorized access to page(without login in)	A user try in to login through the URL to a page without login in	The user will be redirected to the login page	High

Deal	er, Customer Profile Mana	agement		
6	Adding an existing customer	Entering details of a customer who is already registered	A error should occur	Medium
7	Adding customer with Invalid details	The required fields are empty	Error message should appear on relevant fields	Medium
8	Add a new customer with valid details	Entering a new Customer	New customer should be added to the system	High
9	Editing an existing customer	Editing an existing customer with invalid details	Error message should appear	High

Sales	Module			
10	Should be able to get a list of customers	0 0	A list of customers should be listed	High
11	Should be able to add a customer if he does not exist		Should directed to add new customer form	High
12	Item code should be automatically populated	from the product list	Once selected automatically the item code should be loaded	High
13	Entering invalid sales details		It should popup an error message	High
14	Adding empty fields	Trying to add item to the invoice with blank fields	It should popup and error	High
15	Adding the same item repeatedly	Trying to add same product and quantity twice into the invoice	It should prompt an error	Medium
16	Submitting with empty fields	<i>J</i> 8	It should not allow to submit	High
17	Adding invalid data	Trying to add invalid meter reading	Should prompt an error	Medium
18	Adding an empty return data	Trying to add empty fields as returned products	It should popup and error	Medium
19	Adding the same entry repeatedly	Trying to add previously	It should not allow to add the return detail	Medium
20	Print daily report	Click print report	The report should be displayed	Low

Produ	Product Module				
21	Adding an existing product Name	Trying to add an existing Item name to the	It should not allow to Submit/Error should be displayed	High	
22	Adding an existing item code	Prompting to add an already registered item code	Should prompt an error	High	
23	Submitting empty fields	Adding a product with empty fields	Should show an error message	Medium	
24	Adding a product	Adding a product with valid details	A success message should appear	High	
25	Adding product category	Adding a new product category	The category should be added	Medium	
26	Editing product with valid details	Updating an existing product's detail	The success message should appear	Medium	
27	Deleting a product	Deleting an existing product from the system	A alert should be appear before deletion	High	

28	Adding stock details	Trying to add invalid details into the form	Should show an error message	High
29	Adding stock details	Adding valid details to the form	A success message should be appeared	Medium
30	View orders	View pending orders submitted by the user	I should only show pending order placed by the user	Low
31	Cancel an order	Click cancel order button	The status should be change to cancelled	Medium
32	Approve order	Click approve button	The status should be changed to approved	Medium
33	Reject an order	Click Reject button	The status should be changed to rejected	Medium

Unit A	Amount Controller			
34	Updating yearly target	Click Save target button	A success message should appear	High
35	-	Prompting to submit empty fields	An error message should appear	Medium
36	Adding valid fuel price	Adding a valid amount	Should show a success message	Low
37	Editing a products commission percentage	Trying to empty the field and submit	It should not allow to submit	Medium

User	User Management					
38	Add existing user	Trying to add details of an existing user	Prompts an Error message	Medium		
39	Add a user	Prompting to submit empty fields	An error message should be appeared	Medium		
40	Add a user	Entering a new Employee with valid details	The user should be added and a success message should be appeared	High		
41	Editing a user	Updating a user details with valid details	The user details should be updated message should be updated a success message should be appeared	Medium		
42	Delete a user	Prompting to delete a user by clicking delete button	A confirmation alert should be alerted before deleting	High		
43	Add User Group	Adding a new user group	A success message should be alerted	Medium		

44	Take Backup	Click take backup button		High
			The database should be	
			downloaded as an sql	
			file	
45	Restore	Clicking restore button	It should prompt an error	Medium
		without selecting the file path	message	
46	Restore	Selecting a valid file path	The database should be	High
		And clicking restore button	restored and a success	
		-	message should be	
			appeared	

\_

E

### High Level Test Cases

Test Case ID		1		
Tested Component		System Log	in	
Modu	le Name	User Manag	gement	
Test C	ase Description	n		
No	Test Case	Expected Output	Actual Output	Status
01	Entering invalid	Display an Error		Pass
	username and/or password	message	Invalid username or password!	_
02	Entering empty username	Display an Error message	Please enter the Username!	Pass
03	Entering	Display an		Pass
	empty password	Error message	Please enter the Password!	
04	Entering	Display an		Pass
	empty username and	Error message	Please enter the Username and Password!	
	password			
05	Entering a valid	Redirect to the	Redirected to the Dashboard	Pass
	username	Dashboard		

Test C	ase ID	7			
Tested	Component	Adding a customer with invalid details			
Modul	e Name	Dealer, Cus	stomer Profile Management		
Test C	ase Description	1			
No	Test Case	Expected Output	Actual Output	Status	
01	Entering an already existing customer and a valid customer name	Display a message and the submit button should be disabled	Customer Exist Customer Name Already Exist User name available Customer Name Available	Pass	