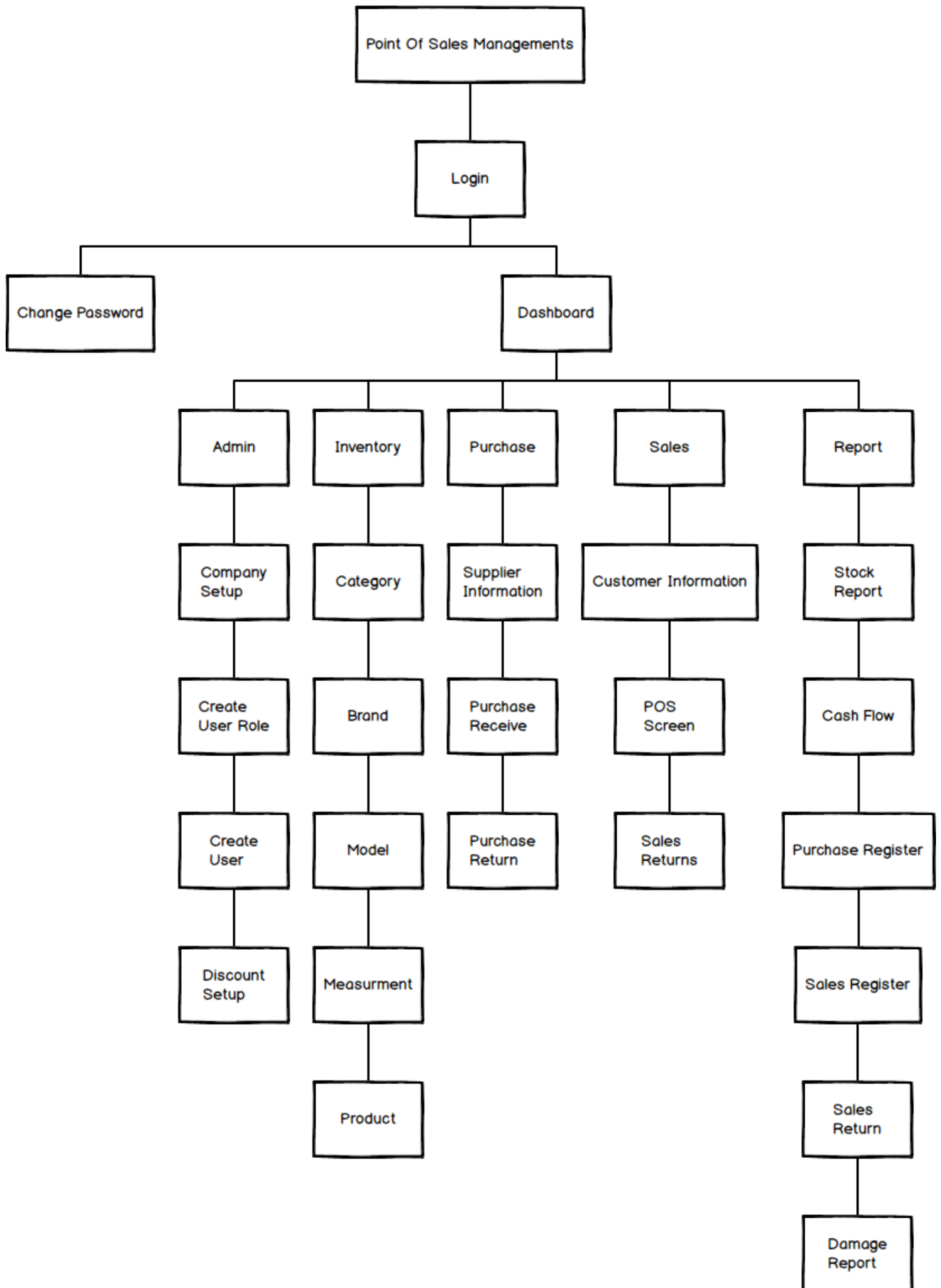


POS System Hierarchical Diagram





http://POS/login



Login

Use Name:

Password:

Login

Forgate Password



http://POS/dashboard



Admin

Inventory

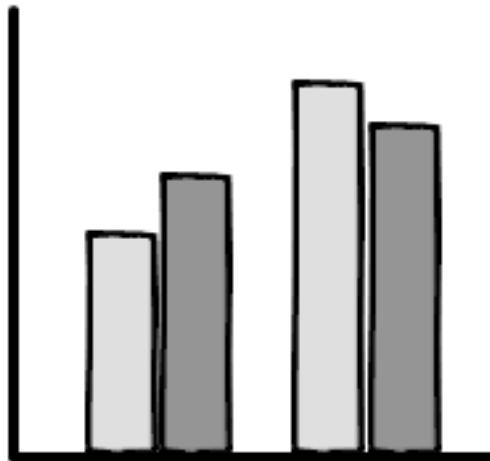
Purchase

Sales

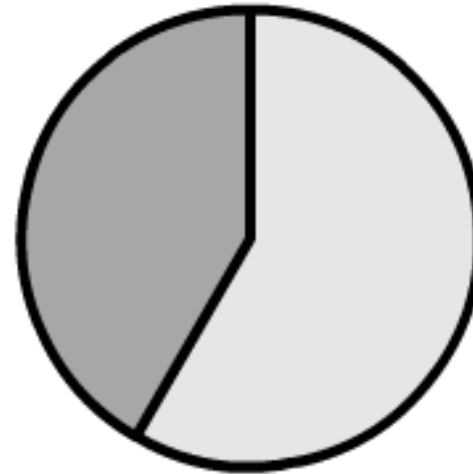
Report

Logout

Sales Graph



Sales Income





Admin

Inventory

Purchase

Sales

Report

Company Information

Company Name:

Phone:

Email:

Address:

Web:

Financial Year

New

Save

Delete

Cancel

Name	FinancialYear	Phone	Edit
X-Company	2016	01587542	<input checked="" type="checkbox"/>

PsCompanyInfo

CompId int PK

CompName varchar(100)

CompAdd varchar(200)

CompPhone varchar(50)

CompEmail varchar(70)

CompWeb varchar(25)

CompFinYId int



http://pos/financial



Admin

Inventory

Purchase

Sales

Report

Financial Information

Starting Date:

01 Jan 2016



Ending Date:

31 Dec 2016



Year Name:

2016-2016

Save

Delete

Cancel

Year Name	Star Date	End Date	Edit
201-2016	01 Jan 2016	31 Dec 2016	<input checked="" type="checkbox"/>

PsFinancialYear

FinYearId int PK

FinYearName varchar(100)

StartingDate datetime

EndingDate datetime

Active varchar(50)

A Web Page

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http://pos/category

🔍

Admin

Inventory

Purchase

Sales

Report

Category Information

Category Name:

Save

Delete

Cancel

Category Name	Edit
Cosmetics	<input checked="" type="checkbox"/>
Electronics	<input type="checkbox"/>
Food	<input type="checkbox"/>

PsCategory

CatId int PK

CatName varchar(100)



http://pos/category



Admin

Inventory

Purchase

Sales

Report

Category Information

Category Name:

Save

Delete

Cancel

Category Name

Cosmetics

Electronics

Food

Edit



PsCategory

CatId int PK

CatName varchar(100)

A Web Page

⬅️ ➡️ ✕ 🏠

http://pos/brand

🔍

Admin

Inventory

Purchase

Sales

Report

Brand Information

Brand Name:

Save

Delete

Cancel

Brand Name	Edit
Lux	<input checked="" type="checkbox"/>
Keya	<input type="checkbox"/>
Rupchanda	<input type="checkbox"/>

PsBrand
BrandId int PK
BrandName varchar(100)

A Web Page

http://pos/measurement

Admin

Inventory

Purchase

Sales

Report

Measurement Information

Name:

Quantity:

Save

Delete

Cancel

Name	Quantity	Edit
Pcs	1	<input checked="" type="checkbox"/>
KG	1000	<input type="checkbox"/>

PsMeasurement
MeasureId int PK
MeasureName varchar(100)
MeasureQty varchar(20)



http://pos/product



Admin

Inventory

Purchase

Sales

Report

Product Information

Product Code:

Barcode:

Product Name:

Brand:

Category:

Measurement:

Opening Stock:

Vat:

Save

Delete

Cancel

Product Code	Product Name	Opening Stock	Edit
Prd-001	Sun-silk	152	<input checked="" type="checkbox"/>

PsCompanyInfo

CompId int PK

CompName varchar(100)

CompAdd varchar(200)

CompPhone varchar(50)

CompEmail varchar(70)

CompWeb varchar(25)

CompFinYId int

A Web Page
http://pos/purchase

Admin
Inventory
Purchase
Sales
Report

Purchase Information

Supplier Name:
- Select -
New
Invoice No:
P000001V

Invoice Date:
10 Feb 2016

Barcode	Product	Qty	Rate	Vat %	Disc %	Sub Total	Delete
1012012	Lux	2.	35	0	0	70	X
1012014	Maggi	1.	50	0	0	50	X

Remarks:

Total: 120 BDT
Vat: 2.5
Discount: 2 %
Grand Total: 120.6
Paid: 120.6
Due: 0

Save
Cancel

Vat Rules:
 $\text{Total} / 100 * \text{Vat}$
 $120/100*2.5=3$

Discount % apply rules:
 $\text{Total} / 100 * \text{Discount}$
 $120/100*2=2.4$

PsPurchase
PurchaseId int (PK)
PInvoiceNo varchar(20)
PDate datetime
SupplierId int (Fk)
Remarks(200)
Total float
Vat float
Discount float
PercentDiscount bit
GrandTotal float
DueTotal float
Date datetime

PsPurchaseDetails
PDetaiIsId int (PK)
PurchaseId int (FK)
ProductId int
Quantity float
Rate float
Total float
Discount float
Vat float
SubTotal float

PsPayment
PaymentId int (PK)
PmVoucherId varchar (20)
SupplierId int(FK)
Amount float
PaymentDate datetime
ReferenceInvoice varchar(20)

A Web Page
http://pos/sales

Admin
Inventory
Purchase
Sales
Report

Sales Information

Customer Type:
☐ Permanent
☒ Temporary

Customer Name:
- Select -
New
Invoice No:
S000001V

Name:
Kashem
Invoice Date:
10 Feb 2016

Mobile No:
01829165083

Barcode	Product	Qty	Rate	Vat %	Disc %	Sub Total	Delete
1012012	Lux	2.	35	0	0	70	X
1012014	Maggi	1.	50	0	0	50	X

Remarks:

Total: 120 BDT

Vat: 2.5

Discount: 2 %
☒

Grand Total: 120.6

Paid: 120.6

Due: 0

Save
Cancel

Vat Rules:
 $\text{Total} / 100 * \text{Vat}$
 $120/100*2.5=3$

Discount % apply rules:
 $\text{Total} / 100 * \text{Discount}$
 $120/100*2=2.4$

Note: If Customer Type is Permanent select permanent radio box after that Customer Name Drop down list will enable otherwise it will disable.

PsSales
SalesId int (PK)
SInvoiceNo varchar(20)
SDate datetime
CustomerId int (FK)
CustomerName varchar (150)
CustomerMobile varchar(50)
Remarks varchar(200)
Total float
Vat float
Discount float
PercentDiscount bit
GrandTotal float
DueTotal float
Date datetime

PsSalesDetails
SDetailsId int (PK)
SalesId int (FK)
ProductId int
Quantity float
Rate float
Total float
Discount float
Vat float
SubTotal float

PsReceipt
PaymentId int (PK)
RVoucherId varchar (20)
CustomerId int(FK)
Amount float
PaymentDate datetime
ReferenceInvoice varchar(20)



Admin

Inventory

Purchase

Sales

Report

Cash Flow Report

Starting Date:



Ending Date:



Select Party

☒ All☐ In☐ Out

User Security And Role assign

A Web Page

http://pos/module

AdminInventoryPurchaseSalesReport

Module Information

Module Name:

Module Order:

SaveDeleteCancel

Module Name	Edit
Inventory	<input checked="" type="checkbox"/>
Purchase	<input type="checkbox"/>
Sales	<input type="checkbox"/>

PsModule

ModuleId int PK

ModuleName varchar(100)

ModuleOrder

A Web Page

http://pos/pagemanagement

Admin

Inventory

Purchase

Sales

Report

Page Information

Module Name:

Inventory

Parent Name:

Inventory

Page Name:

Category

Page Order:

1

Page Path:

Inventory/category

Save

Delete

Cancel

Module Name	Page Name	Edit
Inventory	Category	<input checked="" type="checkbox"/>
Inventory	Brand	<input type="checkbox"/>
Inventory	Model	<input type="checkbox"/>

PsPageManagement
PageId int PK
ModuleId int (Fk)
ParentId int (Fk)
PageName varchar(200)
PageOrder int
PagePath varchar

A Web Page

http://pos/role

Admin

Inventory

Purchase

Sales

Report

Role Information

Role Name:

Module Name	PageId	Page Name	ParentId	View	Add	Edit	Delete
Inventory	2	Category	P-001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inventory	3	Brand	P-001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inventory	4	Product	P-001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Save

Delete

Cancel

Role Name	Edit
Normal User	<input checked="" type="checkbox"/>
Super User	<input type="checkbox"/>

PsRole
RoleId int PK
RoleName varchar(100)

PsRolePrivileges
RoleId
PageId
View bit
Add bit
Edit bit
Delete bit

A Web Page

http://pos/createuser

Admin

Inventory

Purchase

Sales

Report

User Information

Login ID:

Display Name:

Password:

Confirm Password

Active:

Active

Role Name	RoleId	Select
Normal User	R-001	<input checked="" type="checkbox"/>
Super User	R-001	<input type="checkbox"/>

Save

Delete

Cancel

Role Name	Edit
Normal User	<input checked="" type="checkbox"/>
Super User	<input type="checkbox"/>

PsUser

UserId int PK

UserLoginId varchar(100)

Active Status

LoginPassword

PsUserRoles

UserId int PK

UserRoleId int