



Obaidur Rahman <mybizz50@gmail.com>

purchase module

1 message

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Sat, Dec 14, 2013 at 3:44 PM

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Users

id	INT	primary key	
user_name	varchar(20)		usersame to log in
password	varchar(20)		password to log in
role_id	INT	foreign key to Role(id)	
actual_role_id	INT	foreign key to Role(id)	
acount_status	INT		lock or unlock [if an employee leaves]

Users_profile

id	INT	primary key	
user_id	INT	foreign key to Users(id)	
First_name	varchar50)		
last_name	varchar(50)		
Designation	INT		It has to be fixed from front end
create_date	datestamp		
modify_date	datestamp		
last_password_change_date	datestamp		
email_address	varchar(30)		
contact_number	varchar(30)		
department	INT	foreign key to DeptSection(id)	

DeptSection

ID	TINYINT NOT NULL PK	Unique ID of a department or a section
DS_Name	VARCHAR(20) NOT NULL	Name of the department or section
DS_Loc	VARCHAR(80) NOT NULL	Location of the department or section
DS_Phone	VARCHAR(15)	Phone number of the department or section
DS_Email	VARCHAR(15)	Email of the department or section

RoleAssignLog

id	INT	primary key
assigner_user_id	INT	foreign key to User(id)
assigned_user_id	INT	foreign key to User(id)
assigned_role_id	INT	foreign key to Role(id)
date	timestamp	

Role

id	INT	primary key
Name	varchar(20)	role name
description	varchar(500)	
create_date	timestamp	
modify_date	timestamp	

Activity_Log

ID	INT	
ACTIVITY_TYPE	INT	if we can distinguish the activity like approve, reject etc
ACTIVITY_DATE	DATESTAMP	
USER_ID	INT	FOREIGN KEY USERS(ID)

Role_ID	INT	FOREIGN KEY Role(ID)
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ACTIVITY_TYPE

ID	INT		
Activity_name	varchar	purchase initiate, forward, backward, accept, reject	
Activity_description	varchar		
create_date	datestamp		
modify_date	datestamp		

Table: Purchasing

Purchase_ID	INT, NOT NULL, PK	Uniquely Identify Each Item
ds_id	int	foreign key to deptsection(id)* need to be clarified
purchase_category_id	int	foreign key to purchase_category(id)
item_type	int	//capital, consumable,
Purchase_Item_Name	VARCHAR(50), NOT NULL	Name of Purchase item
Specification	Varchar(500)	such as window or split AC
Justification	varchar(500)	
Purchase_Type	INT	foreign key Purchase_Type(id)
Total_Quantity	INT	Quantity of the item
Estimated_Cost	MONEY	Approximate cost
Purpose_Purchase	VARCHAR(80) NOT NULL	comments
create_date	Date Time	
create_user_id	INT	foreign key Users (ID)
Previous_Item_Storing_Place_if_replaced	VARCHAR(50)	
date_of_purchase_if_replaced	datestamp	
certified_by_if_replaced	INT	foreign key Users(id)
Total_Existing_Functional_Quantity	INT	Functional quantity of that item

Total_Existing_NonFunctional_Quantity	INT	Non-Functional quantity of that item
Last_Purchase_Date	Date Time	
Last_Purchase_Quantity	INT	
Last_Purchase_Cost	INT	
quantity	int	
unit_price	float	
total_price	float	
payment_mode	int	//cash or cheque
Advance_amount	float	
advance_in_favour_of	varchar	
required_advance_date	datestamp	//date by which advance is required
advance_settle_date	datestamp	//estimated by which advance will be settled
Quotation_id	int	foreign key Quotation_detail(id)
Budget_Head	varchar	
available_budget	float	
adjusted_budget_if_not	varchar	
current_assigned_id	INT	foreign key Users (id)
purchase_status	int	fk to purchase_related_status
distribution_status	int	//1 or 0 distributed or not

purchase_related_status

id	INT	
status	varchar	create, reject, accept, in_process, forward, backward

recommendation_maintenance

id		
status	varchar	//servicing, repairment, replacement
description		

id	int	
cat_id	int	fk to stocke_category
product_name	varchar	//panasonic, sony
identification_number	varchar	//need to be discussed
present_status	varchar	
Recommendaton	int	fk to recommendation_maintenance
inspector_name	varchar	
inspector_designation	varchar	
inspection_deate	datestamp	
create_date	datestamp	
create_user_id	INT	foreign key Users (ID)
estimated_cost	float	
current_assisgned_id	INT	foreign key Users (id)
status	int	fk to purchase_related_status

purchase_management_status_log

id	INT	
purchase_id	INT	foreign key Purchase (id)
create_id	INT	fk Users (id)
time	datestamp	
assigned_user_id	INT	fk Users (id)
to_assign_user_id	INT	fk Users(id)
date	datestamp	
comments	varchar	
role_id	INT	fk Role (id)
status	int	fk to purchase_related_status



Quotation_detail

id	int	
purchase_id	int	foreign_key purchase(id)
file_name	varchar	//comma separated field
no_of_quotation	int	
comperetive_statement	varchar	//suppliers' price comma separated field
justification	varchar	

Purchase_Type

id	INT	PK	
purchase_type	Varchar(50)		new or replaced or maintenance

Purchase_category

id	int	
name	varchar(50)	imprest, advance through quotation, administrative approval (50K-100K), administrative approval (100K-200K), administrative approval (200K to 1000K)
Description	varchar(300)	

stock_Category

ID	INT	
Name	varchar(50)	
Description	varchar(300)	

Stock

ID	SMALLINT NOT NULL PK	Unique ID of an stock entry
Cat_ID	SMALLINT NOT NULL	foreign key stock_Category(id)

	PK	
product_name	VARCHAR(20) NOT NULL	Name of the inventory item //panasonic, sony
purchase_date	datestamp	
entry_date	datestamp	
Purchase_ID	FK from Purchase	
unit	varchar	kg/piece etc
Qty	SMALLINT NOT NULL	Number (Quantity) of inventory items
DS_ID	FK from DeptSection	Link to DeptSection to look up dept/section Name and other information
seller_id	int	fk to seller

Seller

id	int	
name	varchar	
description	varchar	
create_date	datestamp	
address	varchar	