

DML for Money Lending Management System

● Add to Register User:

```
Insert into reg_user(reg_username,reg_pass,email_id,mobile_no,reg_date)
values(@reg_username,@reg_pass,@email_id,@mobile_no,@reg_date);
```

--default role_id=0 stands for user

Test data:

- For admin:

```
Insert into reg_user
```

```
(reg_username,reg_pass,email_id,mobile_no,reg_date,role_id,isvalid)
values ('admin','admin','admin@gmail.com',9537872933,'11/1/17
12:25:43 AM',1,True );
```

- For User:

```
insert into reg_user
```

```
(reg_username,reg_pass,email_id,mobile_no,reg_date,role_id,isvalid)
values('user1','user1','user1@gmail.com',9724788995,'11/1/17
12:38:11 AM',0,True );
```

- register user is added to login table using insert on trigger if isvalid field is set to true and Authentication is granted.

- To Check username Already Exist:

```
SELECT * FROM reg_user where reg_username= @reg_username ;
```

● Add Customer Account:

- Get Next auto-incremented customer id:

```
SELECT IDENT_CURRENT('customer')+1;
```

- Example:

```
insert into customer
```

```
(c_fname,c_mname,c_lname,address,city,mobile_no,create_date,created_date,interest_rate,credit_limit,cphoto_path,mphoto_path)
```

Values

```
(@c_fname,@c_mname,@c_lname,@address,@city,@mobile_no,@create_date,@created_date,@interest_rate,@credit_limit,@cphoto_path,@mphoto_path);
```

```
insert into customer
```

```
(c_fname,c_mname,c_lname,address,city,mobile_no,create_date,created_date,updated_date,interest_rate,debit_limit,cphoto_path,mphoto_path)
```

Values

```
('patel','ravi','n','college road','Vadodara',8752454152,  
'11/3/2017 12:00:00AM','11/3/2017 7:00:34 PM','NULL',  
36,50000,'/photoes/1c.jpeg','/photoes/1m.jpeg');
```

- Copy buffer dum_cust table to cust_mor table:

```
INSERT INTO cust_mor
```

```
(c_id,item_type,item_name,gross_weight,rate,amount)
```

```
SELECT c_id,item_type,item_name,gross_weight,rate,amount  
FROM dumcust_mor;
```

```
TRUNCATE TABLE dumcust_mor;
```

- Add first debit transection:

```
insert into transection(c_id,t_type,t_date,t_amount)
values (@c_id,@t_type,@t_date,@t_amount);
--@t_type='d'
```

- sql datasource query:

```
SELECT dumcust_mor_id, item_type, item_name, gross_weight, rate,
amount FROM dumcust_mor ;
```

```
UPDATE dumcust_mor SET item_type = @item_type,
item_name = @item_name, gross_weight = @gross_weight,
rate = @rate, amount = @amount
WHERE (dumcust_mor_id = @dumcust_mor_id) ;
```

```
INSERT INTO dumcust_mor(item_type, item_name, gross_weight,
rate, amount) VALUES (@item_type, @item_name, @gross_weight,
@rate, @amount);
```

```
DELETE FROM dumcust_mor WHERE dumcust_mor_id =
@dumcust_mor_id;
```

```
SELECT item_type, item_name, gross_weight, rate, amount FROM
dumcust_mor ORDER BY dumcust_mor_id
```

● Generate customer List:

```
SELECT SUM(t_amount) FROM transection where (c_id=@c_id AND
t_type=@t_type) GROUP BY c_id
--@t_type='d'
```

```
SELECT SUM(t_amount) FROM transection where (c_id=@c_id AND
t_type=@t_type) GROUP BY c_id ;
```

--@t_type='c'

- sql datasource query:

```
SELECT (c_id,c_fname, c_mname, c_lname, city, create_date) FROM  
customer WHERE (isactive = @isactive) ORDER BY create_date  
DESC;
```

● View customer Account(view.aspx):

```
select * FROM customer where c_id=@c_id;
```

```
select * FROM transection where c_id=@c_id ORDER BY t_date ASC;
```

- SqlDatasource Query:

```
SELECT item_type, item_name, gross_weight, rate, amount,  
cust_mor_id FROM cust_mor WHERE (c_id = @c_id);
```

```
SELECT t_type, t_date, t_amount FROM [transection] WHERE (c_id =  
@c_id) ORDER BY t_date DESC;
```

● For Update Customer Account:

- Update Customer Account Transection

```
insert into transection (c_id,t_type,t_date,t_amount) values  
(@c_id,@t_type,@t_date,@t_amount);
```

- set updated date

```
UPDATE customer SET updated_date=@updated_date where c_id =  
@c_id;
```

- Close customer account

```
UPDATE customer SET isactive = @isactive,
updated_date=@updated_date where c_id=@c_id;
```

- Update/append mortgage to customer account

```
insert into cust_mor
```

```
(c_id,item_type,item_name,gross_weight,rate,amount) values
```

```
(@c_id,@item_type,@item_name,@gross_weight,@rate,@amount);
```

- Delete customer account

```
DELETE FROM customer WHERE c_id = @c_id;
```

- SqlDataSource Query:

```
UPDATE cust_mor SET item_type = @item_type, item_name =
@item_name, gross_weight = @gross_weight, rate = @rate, amount =
@amount WHERE (cust_mor_id = @cust_mor_id);
```

```
DELETE FROM cust_mor WHERE (cust_mor_id = @cust_mor_id);
```

- Close Customer Account

```
SELECT c_id, c_fname, c_mname, c_lname, city, updated_date
```

```
FROM customer WHERE (isactive = @isactive) ORDER BY
updated_date DESC;
```

```
@Isactive=0
```

- Update customer information:

```
UPDATE customer SET c_fname = @c_fname, c_mname =
@c_mname, c_lname = @c_lname, city = @city, updated_date =
@updated_date WHERE c_id = @c_id;
```

```
INSERT INTO customer (c_fname, c_mname, c_lname, city,
updated_date) VALUES (@c_fname, @c_mname, @c_lname, @city,
@updated_date);
```

- Delete Customer Account:

```
DELETE FROM customer WHERE c_id = @c_id;
```

● For Search Customer Account:

```
select * FROM customer where mobile_no=@mobile_no ORDER BY
create_date DESC;
```

```
select * FROM customer where c_id=@c_id ORDER BY create_date DESC;
```

```
select * FROM customer where city=@city ORDER BY create_date DESC;
```

```
SELECT * FROM customer WHERE(c_fname LIKE %@c_fname% OR
c_mname LIKE %@c_mname% OR c_lname LIKE %@c_lname%) ORDER
BY create_date DESC;
```

```
SELECT * FROM customer WHERE(
(c_fname LIKE %@c_fname1% AND c_mname LIKE %@c_mname2%) or
(c_fname LIKE %@c_fname2% AND c_mname LIKE %@c_mname1%) or
(c_fname LIKE %@c_fname1% AND c_lname LIKE %@c_lname2%) or
(c_fname LIKE %@c_fname2% AND c_lname LIKE %@c_lname1%) or
(c_mname LIKE %@c_mname1% AND c_lname LIKE %@c_lname2%) or
```

```
(c_mname LIKE %@c_mname2% AND c_lname LIKE %  
@c_lname1%)) ORDER BY create_date DESC;
```

```
SELECT SUM(t_amount) FROM transection where (c_id=@c_id AND  
t_type=@t_type) GROUP BY c_id ;
```

```
--@t_type='d'
```

```
SELECT SUM(t_amount) FROM transection where (c_id=@c_id AND  
t_type=@t_type) GROUP BY c_id;
```

```
--@t_type='c'
```

- Date Wise Search:

```
SELECT SUM(t_amount) FROM transection where (c_id=@c_id AND  
t_type=@t_type) GROUP BY c_id ;
```

```
--@t_type='d'
```

```
SELECT SUM(t_amount) FROM transection where (c_id=@c_id AND  
t_type=@t_type) GROUP BY c_id ;
```

```
--@t_type='c'
```

- SqlDatasource Query:

```
SELECT * FROM [customer] WHERE ((create_date < @date2) AND  
(create_date > @date1))
```

● Dashboard For User:

```
select sum(gross_weight) from cust_mor WHERE (cust_mor.c_id IN  
(select customer.c_id from customer where customer.isactive=1) AND  
cust_mor.item_type=@item_type) GROUP BY cust_mor.item_type;
```

```
select sum(gross_weight) from cust_mor WHERE (cust_mor.c_id IN
(select customer.c_id from customer where customer.isactive=1) AND
cust_mor.item_type=@item_type) GROUP BY cust_mor.item_type;
```

```
select sum(gross_weight) from cust_mor WHERE (cust_mor.c_id IN
(select customer.c_id from customer where customer.isactive=1) AND
cust_mor.item_type=@item_type) GROUP BY cust_mor.item_type;
```

```
select sum(t_amount) from transection where (transection.c_id in
(select customer.c_id from customer where customer.isactive=1) AND
t_type=@t_type) GROUP BY t_type;
```

```
select sum(t_amount) from transection where (transection.c_id in
(select customer.c_id from customer where customer.isactive=1) AND
t_type=@t_type) GROUP BY t_type;
```

● To Generate GST INVOICE :

```
SELECT IDENT_CURRENT('invoice_customer')+1;
```

```
insert into dinvoice(invoice_id,product_name,quantity, rate)
values(@invoice_id,@product_name,@quantity, @rate);
```

```
SELECT * from customer where c_id=@c_id;
```

```
insert into invoice_customer (c_id,c_name,address,city,mobile_no,date)
values(@c_id,@c_name,@address,@city,@mobile_no,@date);
```

```
INSERT INTO invoice (invoice_id,product_name,quantity,rate) SELECT
invoice_id,product_name,quantity,rate FROM dinvoice;
```

● View/Update Register User:(For Admin)

```
SELECT reg_id, reg_uname, email_id, mobile_no, reg_date, isvalid FROM
reg_user WHERE (isvalid = @isvalid) ORDER BY reg_date;
```

```
--@isvalid=0
```


- Update user info:

```
UPDATE reg_user SET reg_username = @reg_username, email_id =
@email_id, mobile_no = @mobile_no, reg_date = @reg_date WHERE
reg_id = @reg_id;
```

```
INSERT INTO (reg_user ,reg_username, email_id, mobile_no, reg_date)
VALUES (@reg_username, @email_id, @mobile_no, @reg_date);
```

```
DELETE FROM reg_user WHERE reg_id = @reg_id;
```

- View/Update Approved User:

```
SELECT reg_id, reg_username, email_id, mobile_no, reg_date, isvalid
FROM reg_user WHERE (isvalid = @isvalid) ORDER BY reg_date
DESC
```

```
@isvalid=1
```

- update already register user info

```
UPDATE reg_user SET reg_username = @reg_username, email_id =
@email_id, mobile_no = @mobile_no, reg_date = @reg_date, isvalid=
@isvalid WHERE reg_id = @reg_id;
```

```
INSERT INTO (reg_user,reg_username,email_id, mobile_no, eg_date,
isvalid) VALUES (@reg_username, @email_id, @mobile_no, @reg_date,
@isvalid);
```

```
DELETE FROM reg_user WHERE reg_id = @reg_id;
```