Complex Queries

Note: Most of the complex queries are separately incorporated within the php and using the php functions.

1. SELECT Account\_no

FROM `account`

WHERE Customer\_id

IN

(SELECT Customer\_id

FROM `customer`

WHERE Email\_id='$em\_id');

SELECT Wallet\_balance

FROM `wallet`

WHERE Account\_no='$acc';

We had passed the variables across php files using session variables.

Using those we have retrieved the account\_no.

1. SELECT \*

FROM account

WHERE Customer\_id='$cust\_id'

AND EXISTS

(SELECT \*

FROM `customer`

WHERE Customer\_id='$cust\_id' AND Password='$passwrd');

UPDATE account SET Account\_balance=Account\_balance-'$amount' WHERE Customer\_id='$cust\_id';

UPDATE account SET Account\_balance=Account\_balance+'$amount' WHERE '$acc\_no'='$racc\_no' AND Account\_no='$racc\_no';

INSERT INTO transaction VALUES('".$acc\_no."','".$amount."',NULL,'".$rand1."','".$dat."','".$tim."');

INSERT INTO transaction VALUES('".$dacc\_no."',NULL,'".$amount."','".$rand2."','".$dat."','".$tim."');

This query checks whether the accounts exist and inside php we are checking whether account balance is enough to complete the transaction.

1. SELECT Account\_no

FROM `account`

WHERE Customer\_id

IN

(SELECT Customer\_id

FROM `customer`

WHERE Email\_id='$em\_id');

SELECT \*

FROM loan

WHERE Account\_no='$acc'

ORDER BY Due\_date DESC;

SELECT DATEDIFF('$dat2','$dat1') AS days;

This query generates loan report with difference in current date and due date and all other attributes which are necessary in table form using php and html.

1. SELECT \*

FROM customer

WHERE NOT EXISTS

(SELECT customer\_id

FROM nominees as n,customer as c

WHERE n.customer\_id = c.customer\_id;);

This query gets the customers who do not have any nominees.

1. UPDATE customer

SET Email\_id='$email', Password='$passwrd'

WHERE Customer\_id='$uid';

This is used to signup for the net banking using Customer\_id.

1. SELECT Account\_no

FROM `account`

WHERE Customer\_id

IN

(SELECT Customer\_id

FROM `customer`

WHERE Email\_id='$em\_id');

SELECT \* FROM `transaction`

WHERE Account\_no='$acc'

ORDER BY Transaction\_date ASC;

SELECT SUM(Credit) AS csum FROM `transaction` WHERE Account\_no='$acc';

SELECT SUM(Debit) AS dsum FROM `transaction` WHERE Account\_no='$acc';

This query uses aggregation functions and makes the transaction final report using several php functions.