

# Assignment 3 (Data Security)

Consider a role Hierarchy model for **Deutsche** bank where **Manager** “Steve” is at top Level, managing employees “Paul” and “Rock”.

“Paul” is working as cashier while employee “Rock” is working on help desk. As an **Admin** you have to secure data of **Deutsche** bank according to following scenario:-

## SCENARIO 1:

No other Custom application other than bank should be available for “Paul” and “Rock”. “Rock” should not be able to setup anything for organization. At the time of login “Paul” is forced to enter a complex password including special symbol and for “Rock” password length should be less than 10 and it should be alphanumeric. All the passwords should get expired after every 3 months.

## SCENARIO 2:

If someone tries to access the user account and if they make 3 fallacious login attempts then he/she should not be able to login for the next 1 hour.

“Paul” & “Rock” should be able to work on Salesforce during 9 am to 5 pm and that too only on weekdays (Mon- Fri).

## SCENARIO 3:

“Rock” should not be able to see a single record of bank and branch.

“Manager” and “Paul” should have all the access on branch object.

Once a transaction has taken place then no changes can be made that means it can’t be updated or deleted.

## SCENARIO 4:

Let us say account holder is asking information about his account and he want to update something in his personal information (like he want to update his address or contact number) so he can ask for that to “Rock” but make sure that “Rock” should not be able to create new account.

Only the users on Manager Profile has all the access on account record but “Paul” can create and edit an account but cannot delete any account record from bank app.

## SCENARIO 5:

“Paul” is not able to create and delete a bank record, he can only update the information for it. Also “Manager” can create and edit bank record”.

For making any transaction, account holder has only one choice that is “Paul”. No one can edit or delete a transaction once it is created.

#### **SCENARIO 6:**

Manager has full access on loan records. **"Paul"** can only view loan records but **"Rock"** can edit and create them.

Number of Installments in loan record which should be visible to **"Paul"**. Also, there should be one more field (Tenure) which should be visible to **"Rock"** but not to **"Paul"**.

Hide 'Created Date' and 'last modified by' fields from **"Rock"**.

#### **SCENARIO 7:**

There should be a picklist field called 'priority' on Account, which should be visible to manager only.

Loan records created by **"Rock"** should not visible to any other User.

**"Rock"** can share a record of Loan.