Software Engineering

Milestone II

Schema

*single line : Primary Key

*dashed line: Foreign Key

*double line: Primary Key & Foreign Key

_____

User(<u>username</u>, password, firstName, lastName, phone, dateOfBirth)

Admin(<u>username</u>)

    Admin.username references User.username

Client(<u>username</u>)

    Client.username references User.username

Banker(<u>username</u>)

    Banker.username references User.username

Account(<u>id</u>, type, <u>client</u>)

    Account.clientId references Client.username

Card(<u>cardNum</u>, <u>account</u>, limit, isActive, points)

     Card.account references Account.id

Debit(<u>cardNum</u>, balance)

     Debit.cardNum references Card.cardNum

Credit(<u>cardNum</u>, bill)

     Credit.cardNum references Card.cardNum

Transaction(<u>id</u>, status, amount, <u>cardFrom</u>)

     Transaction.cardFrom references Card.cardNum

Loan(<u>id</u>, status, amount, <u>account</u>)

     Load.account references Account.id

Reminder(<u>id</u>, text, repeatEvery, <u>accountToRemind</u>)

     Reminder.accountToRemind references Account.id

ServiceTicket(<u>id</u>, status, type, issue, date, <u>user</u>)

     ServiceTicket.user references User.username

Issue(<u>id</u>, <u>admin</u>)

     Issue.admin references Admin.username

Notification(<u>id</u>, status, dateTime, text)

Issue-Ticket(issueId, ticketId, notificationId)

ThirdPartyApp(id, connectedUser)

    ThirdPartyApp.connectedUser references User.username