

Banking

Roles:

DBA, Customers, Dept-trackers and CRM Officers

Data Specification:

Design a database to keep track of information for a bank. Assume that the following requirements were collected:

- The system can store the *CUSTOMERS* information, i.e. *ID*, *first name*, *surname*, *DOB*, *gender*, *phone numbers*, *home addresses*, and *work addresses*.
- *OFFICERS* are described *ID*, *first name*, *surname*, *DOB*, *Gender*.
- The *CUSTOMERS* can *LOAN* from the bank.
- The *LOAN* information is composed by *CUSTOMERS* information, the amount of the loan, interest rate, time and payback in month basis, and *ASSET* for the surety. Note that multiple *CUSTOMERS* can issue a single *LOAN*. Also, there can be multiple *ASSET* for a single *LOAN* as well.
- *CUSTOMERS* can make multiple *LOAN* at the same time.
- *CUSTOMERS* can payback the *LOAN* and ask for the information at any time.
- *DEBT-TRACKERS* are a type of *OFFICERS* which have a duty to track the loan payment for their corresponding *CUSTOMERS*.
- *CRM-OFFICERS* are a type of *OFFICERS* which have a duty to offer new campaigns for *CUSTOMERS*, also they will carry out the request of the *CUSTOMERS* in the ticket system.
- *CRM-OFFICERS* can provide the new *LOAN* information for the *CUSTOMERS*.
- The system must support the *DEBT-TRACKERS* by to-do lists with priority.
- *OFFICERS* will have their own calendar to be able to work with their *CUSTOMERS*.

Customer สามารถฝาก-ถอนเงินได้โดยให้ฝาก-ถอน คิดดอกเบี้ยได้
บัญชีเงินฝาก-เอาไปกลมหนี้ ถอนเกินแล้วกลายเป็น OD ->
หนี้ได้นะครับ