ERD of Banking Application. Inna Balagaeva



create table ib\_role(

role\_id NUMBER PRIMARY KEY,

role\_name VARCHAR2(15) NOT NULL UNIQUE

);

Create table ib\_account\_type(

Account\_type\_id NUMBER PRIMARY KEY,

Account\_type\_name VARCHAR(15) NOT NULL UNIQUE

);

Create table ib\_account\_status(

Account\_status\_id NUMBER PRIMARY KEY,

Account\_status\_name VARCHAR(15) NOT NULL UNIQUE

);

create TABLE ib\_user2(

user\_id NUMBER PRIMARY KEY,

username VARCHAR2(15) NOT NULL,

pass VARCHAR2(15) NOT NULL,

firstname VARCHAR2(15),

lastname VARCHAR2(15) NOT NULL,

email VARCHAR2(25) NOT NULL,

ref\_role\_id NUMBER NOT NULL,

FOREIGN KEY(ref\_role\_id) references ib\_role(role\_id)

);

create TABLE ib\_account(

account\_no NUMBER PRIMARY KEY,

balance NUMBER(10,2) NOT NULL,

ref\_user\_id NUMBER,

ref\_account\_type\_id NUMBER,

ref\_account\_status\_id NUMBER,

FOREIGN KEY (ref\_account\_type\_id) references ib\_account\_type(account\_type\_id),

FOREIGN KEY (ref\_account\_status\_id) references ib\_account\_status(account\_status\_id),

FOREIGN KEY (ref\_user\_id) references ib\_user2(user\_id)

);

insert into ib\_role values(1, 'admin');

insert into ib\_role values(2, 'employee');

insert into ib\_role values(3,'standard\_user');

insert into ib\_role values(4, 'premium\_user');

insert into ib\_account\_type values(1, 'cheking');

insert into ib\_account\_type values(2, 'saving');

insert into ib\_account\_status values(1, 'Pending');

insert into ib\_account\_status values(2, 'Open');

insert into ib\_account\_status values(3, 'Closed');

insert into ib\_account\_status values(4, 'Denied');

Insert into ib\_user2 values( 1,'a', '111', 'Anna','Swift', 'a@gmail.com', 1 );

Insert into ib\_user2 values( 2,'b', '222', 'Bob','Stuart', 'b@gmail.com', 4 );

Insert into ib\_user2 values( 3,'c', '333', 'Charles','Coms', 'c@gmail.com', 3 );

insert into ib\_account values(1, 100.10, 1, 1, 2);

insert into ib\_account values(2, 200.20, 1, 2, 2);

insert into ib\_account values(3, 300.10, 3, 1, 1);