Banking Database Design

Draft 2

CustomerDetails

user_id	**int**	**PK**
title	varchar(5)	
first_name	varchar(20)	
middle_name	varchar(20)	
last_name	varchar(20)	
fathers_name	varchar(20)	
mobile_number	varchar(15)	
email	varchar(100)	
aadhar	bigint	
pan_card	varchar(15)	
pan_doc	varchar(max)	
dob	datetime	
occupation_type	varchar(50)	
source_of_income	varchar(50)	
gross_annual_income	varchar(50)	
debit_card	bit	
net_banking	bit	
Status	varchar(20)	

Approval

approval_id	**int**	**PK**
user_id	int	FK 1
SRN	int	

Admin

admin_id	**int**	**PK**
admin_password	varchar(100)	

Transactions

reference_id	**int**	**PK**
mode	varchar(5)	
paid_to_acc_num	bigint	FK 1
from_acc_num	bigint	FK 2
amount	int	
tax	int	
trans_time	datetime	
status	varchar(15)	
remark	varchar(100)	

AccountHolder

account_number	**bigint**	**PK**
cust_id	int	
user_id	int	FK 1
login_password	varchar(100)	
transaction_password	varchar(100)	
created_on	datetime	
last_login	datetime	
account_status	varchar(20)	

Address

user_id	**int** **FK 1**	**PK**
type	**varchar(20)**	
line_1	varchar(100)	
line_2	varchar(100)	
landmark	varchar(100)	
city	varchar(100)	
state	varchar(100)	
pin_code	int	

AccountDetails

account_number	**bigint PK FK 1**	
account_type	varchar(20)	
current_balance	int	

Beneficiaries

beneficiary_id	**int**	**PK**
account_number	bigint FK 1	
b_account_number	bigint FK 2	
nickname	varchar(20)	