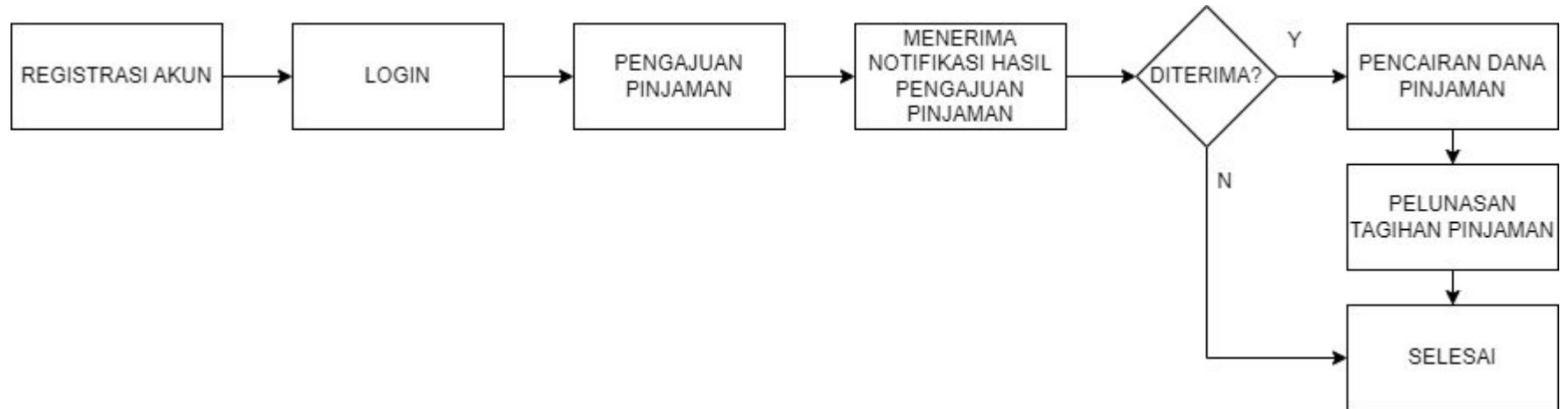


TEST APPLICATION DESIGN

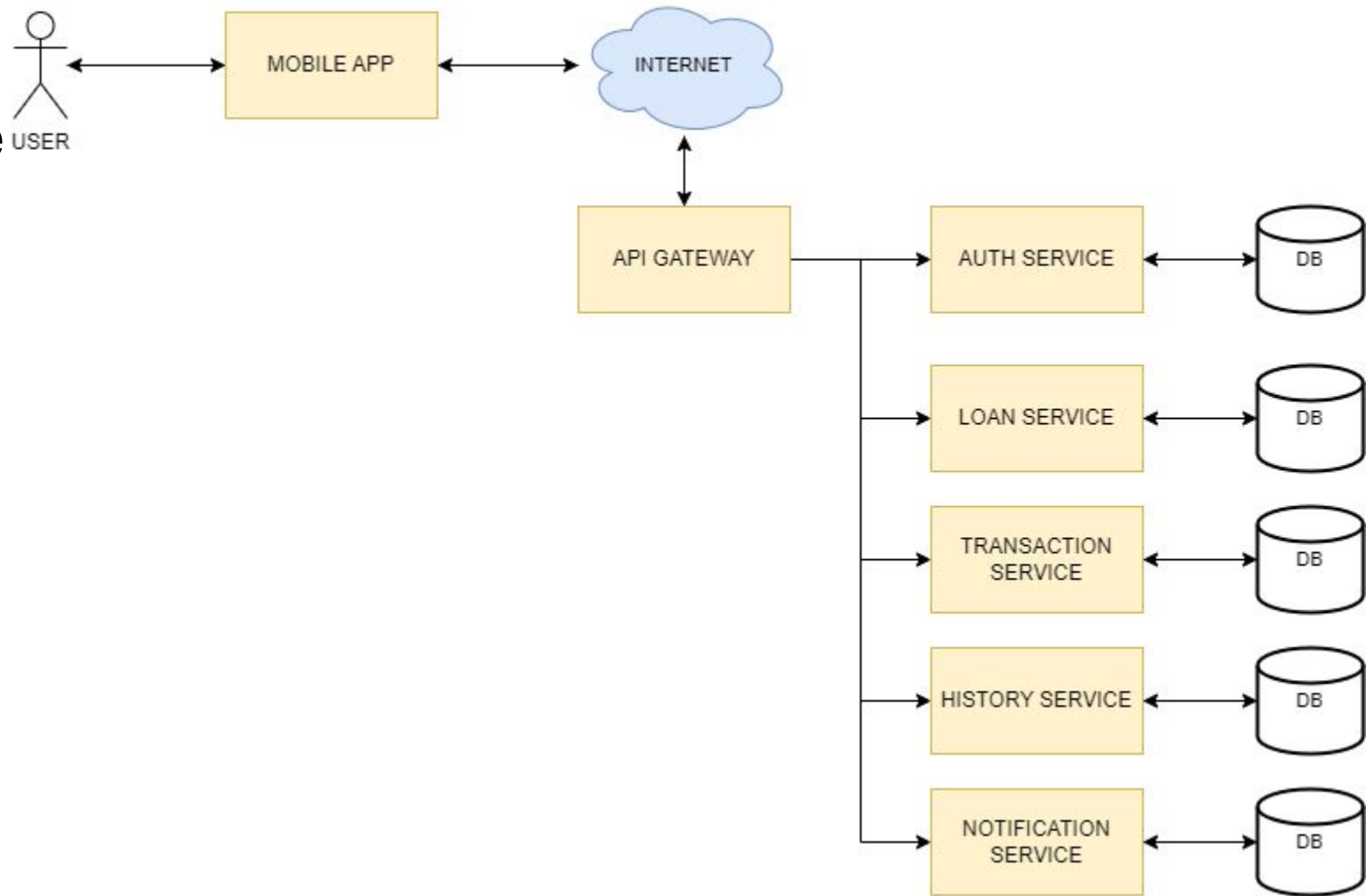
Faiqotul Azizah

General Loan Business Flow



High Level Architecture Design

High Level Architecture Design



Services

Services	Function
Auth service	Autentikasi dan menyimpan profil user
Loan service	<ul style="list-style-type: none">- Pengajuan pinjaman- Data pinjaman aktif- Daftar pinjaman
Transaction service	<ul style="list-style-type: none">- Transaksi/tagihan yang perlu dibayar (aktif)- Pembayaran transaksi- Daftar transaksi
History service	<ul style="list-style-type: none">- Riwayat pinjaman- Riwayat tagihan
Notification service	<ul style="list-style-type: none">- Push notification service- SMS notif- EMAIL notif

Screen Flow

Menu

1. **Home/Beranda**

- Dashboard limit pinjaman dan tenor + button pengajuan pinjaman
- Dashboard sisa hutang
- Dashboard tagihan yang perlu dibayarkan

2. **Pinjaman**

- Pinjaman aktif
- Riwayat pinjaman

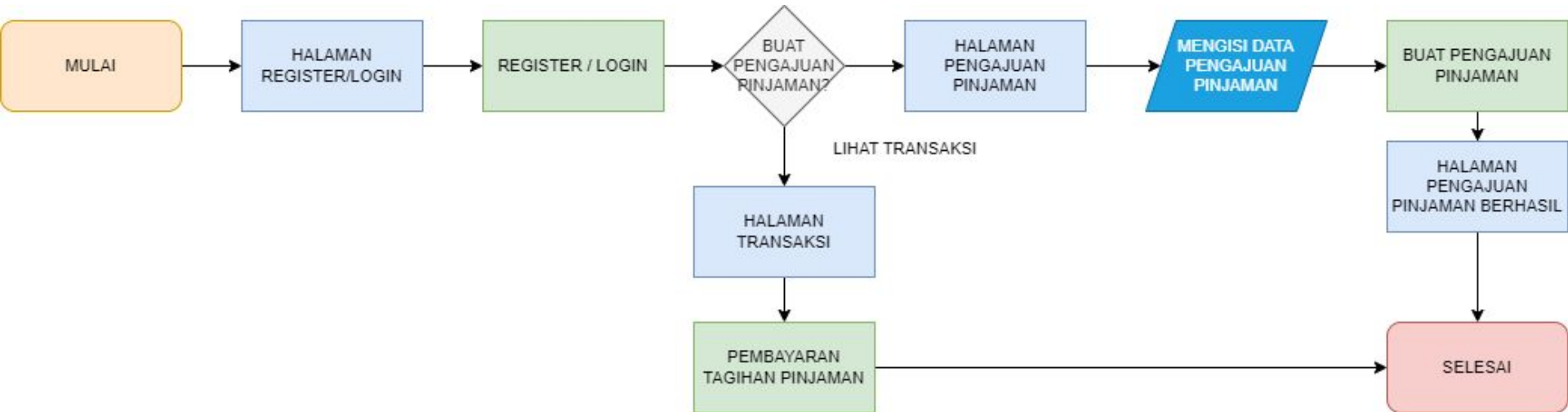
3. **Transaksi**

- Transaksi yang perlu dibayar
- Riwayat transaksi

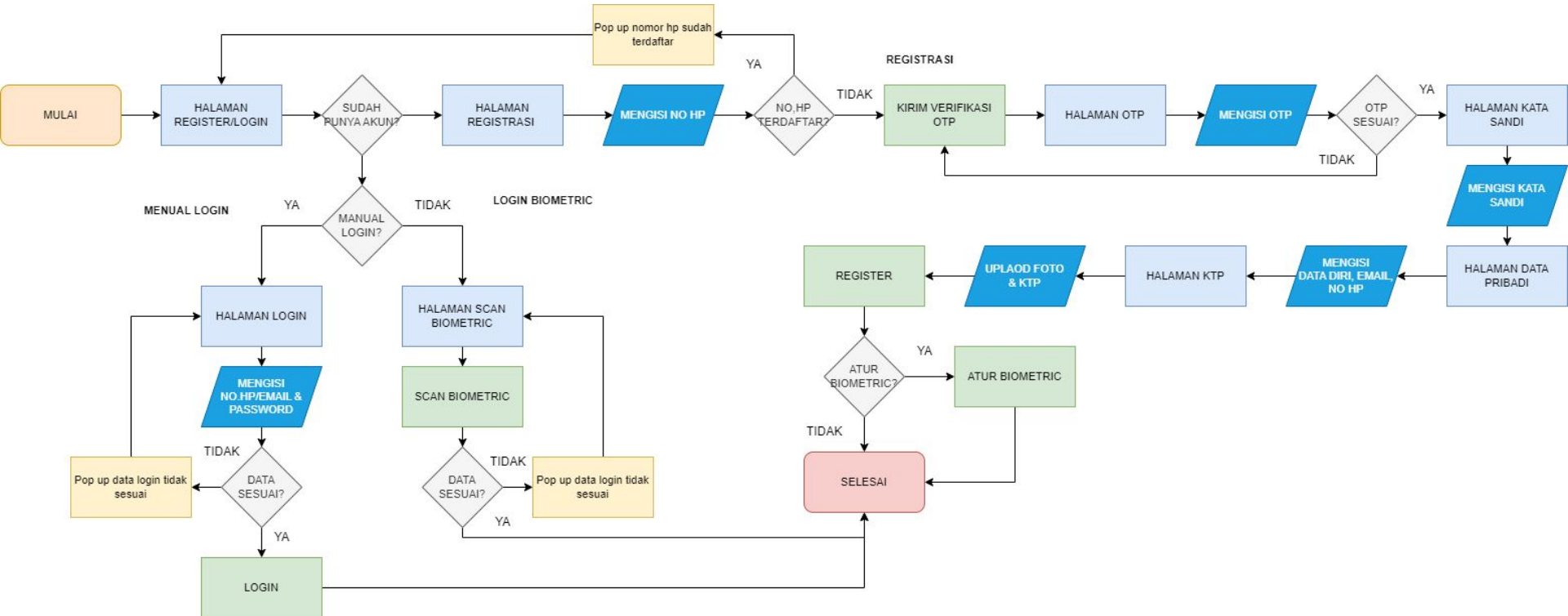
4. **Profil**

- Informasi profil
- Biometric
- Pengaturan
- Bantuan → FAQ, Call
- Logout

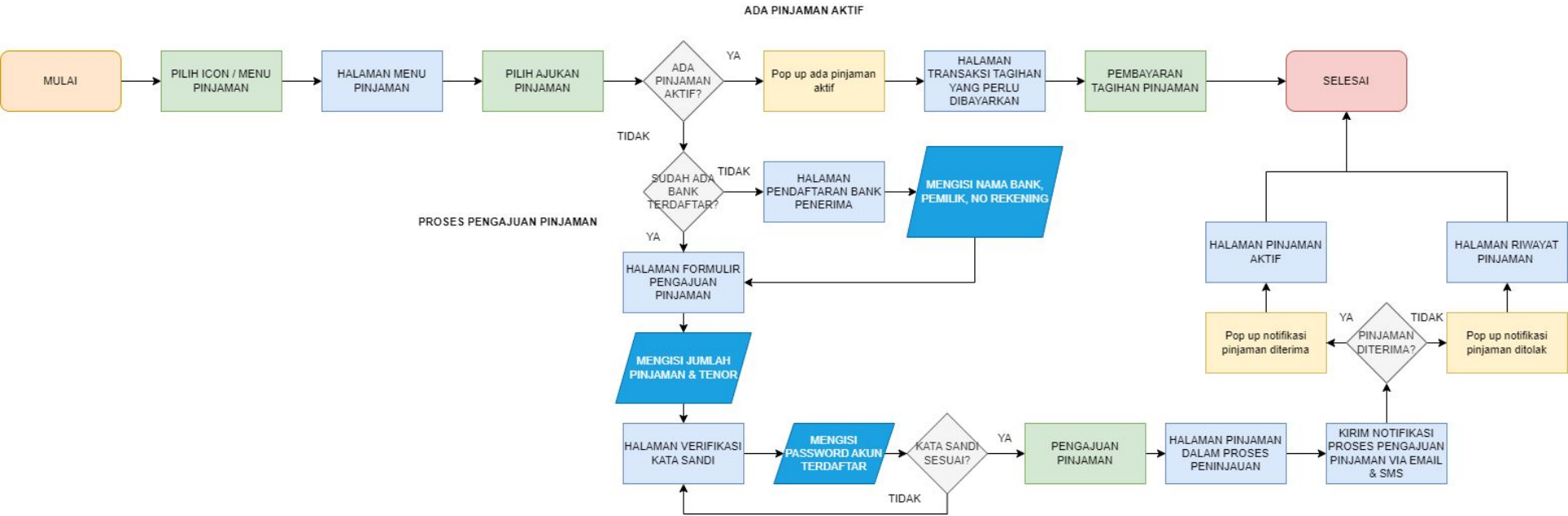
Screen Flow - Simple User Flow



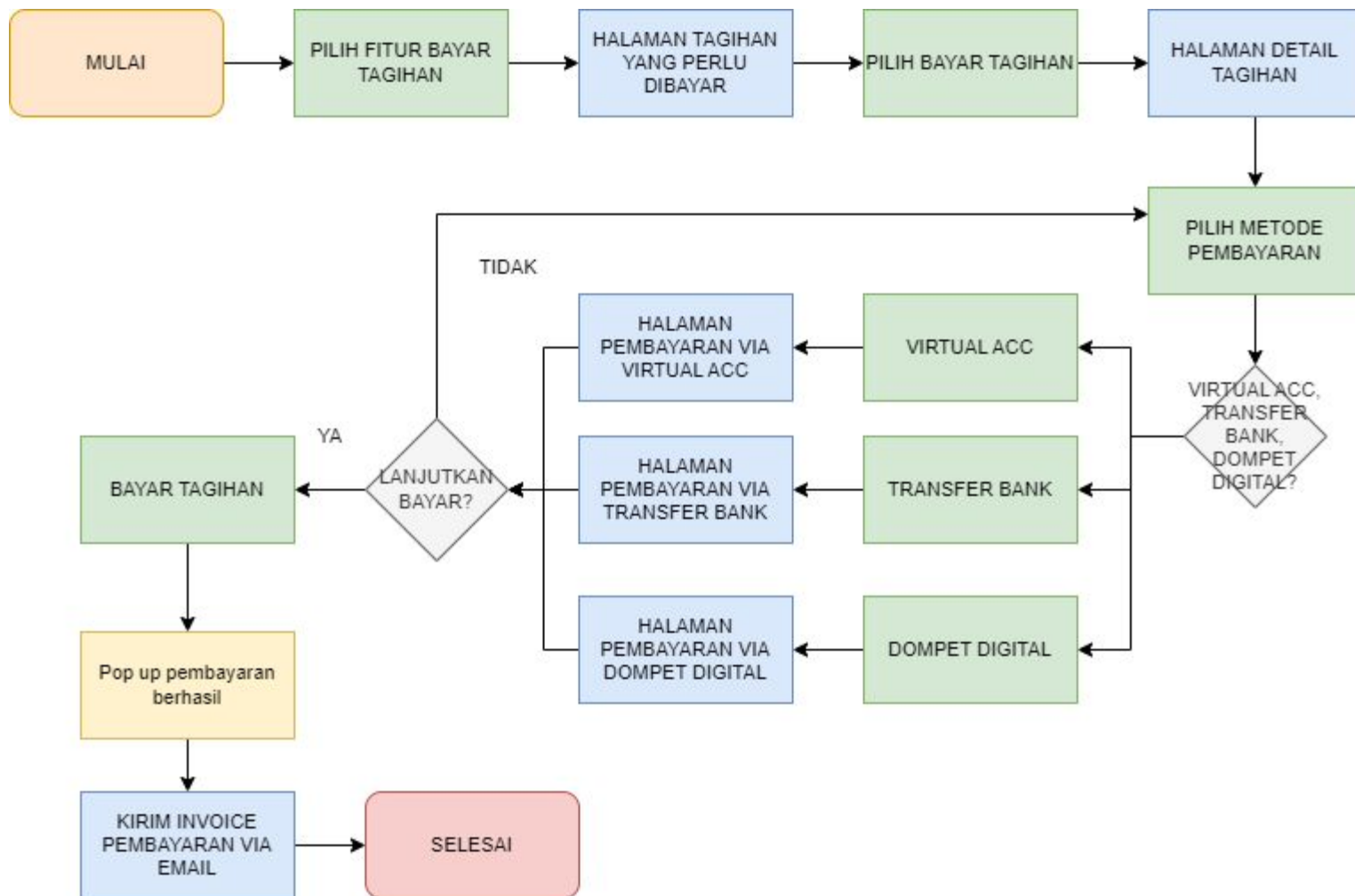
Registrasi / Login



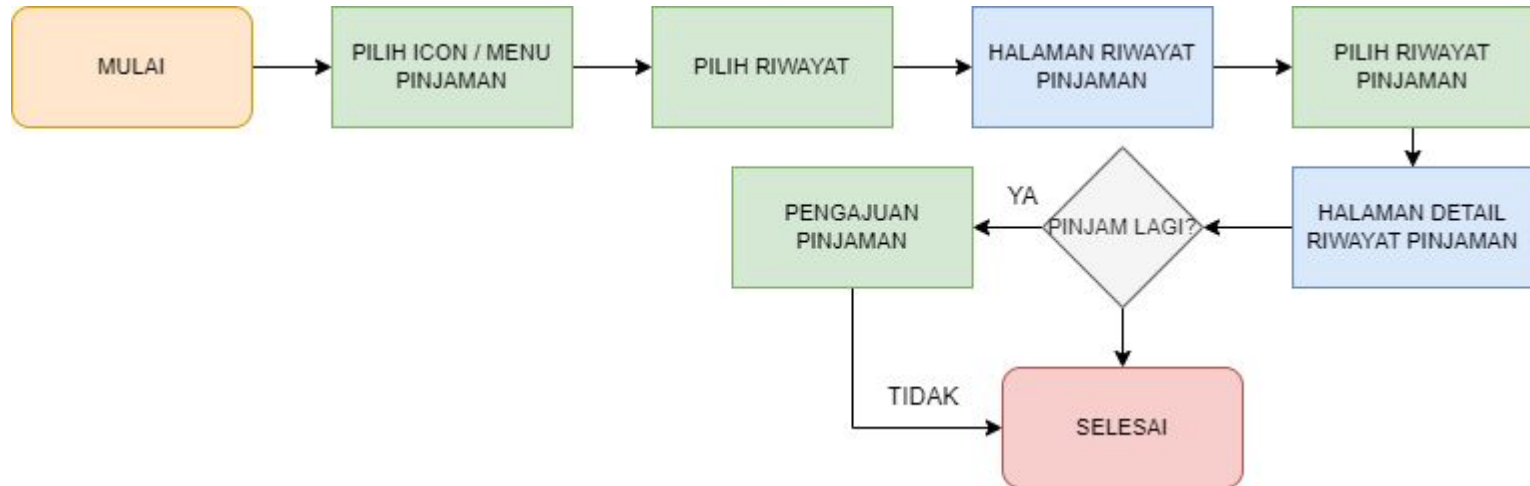
Pengajuan pinjaman



Bayar Tagihan



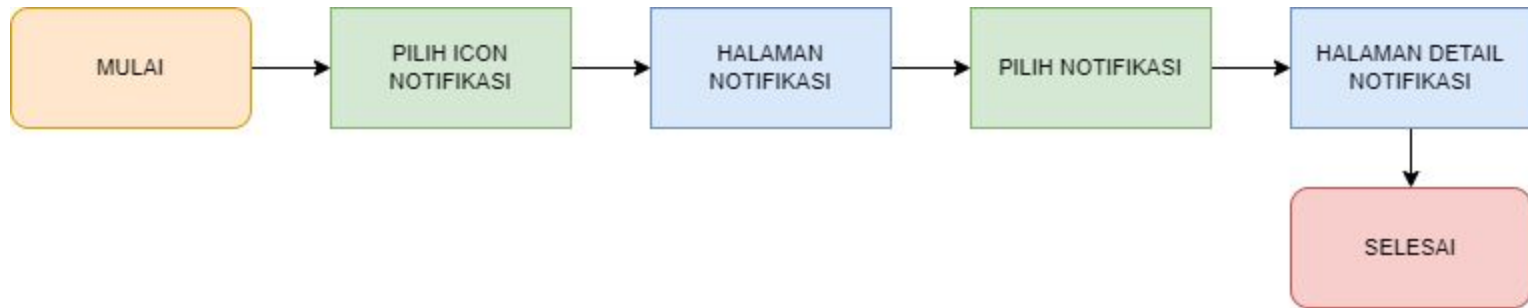
Riwayat pinjaman



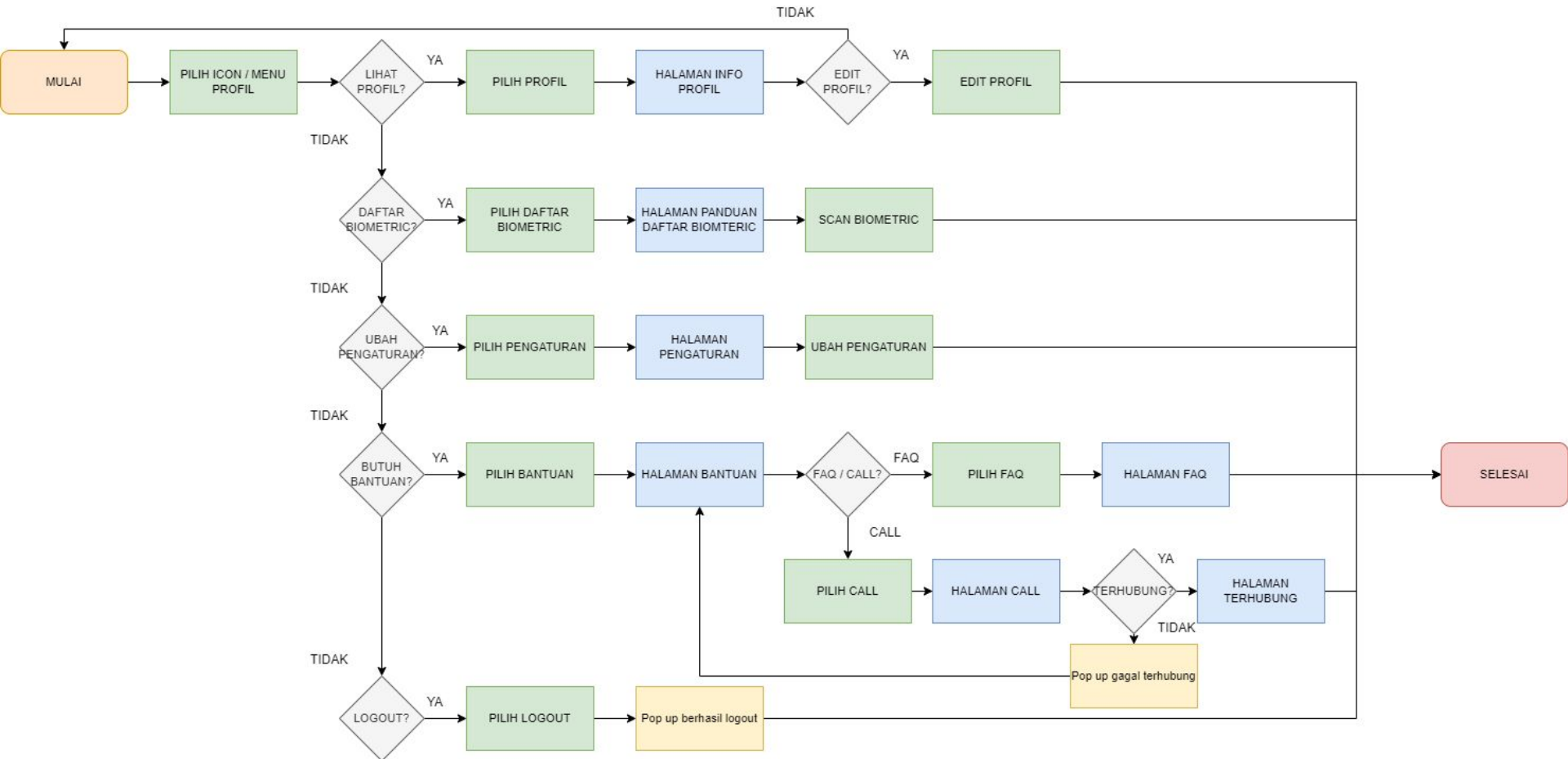
Riwayat transaksi



Notifikasi

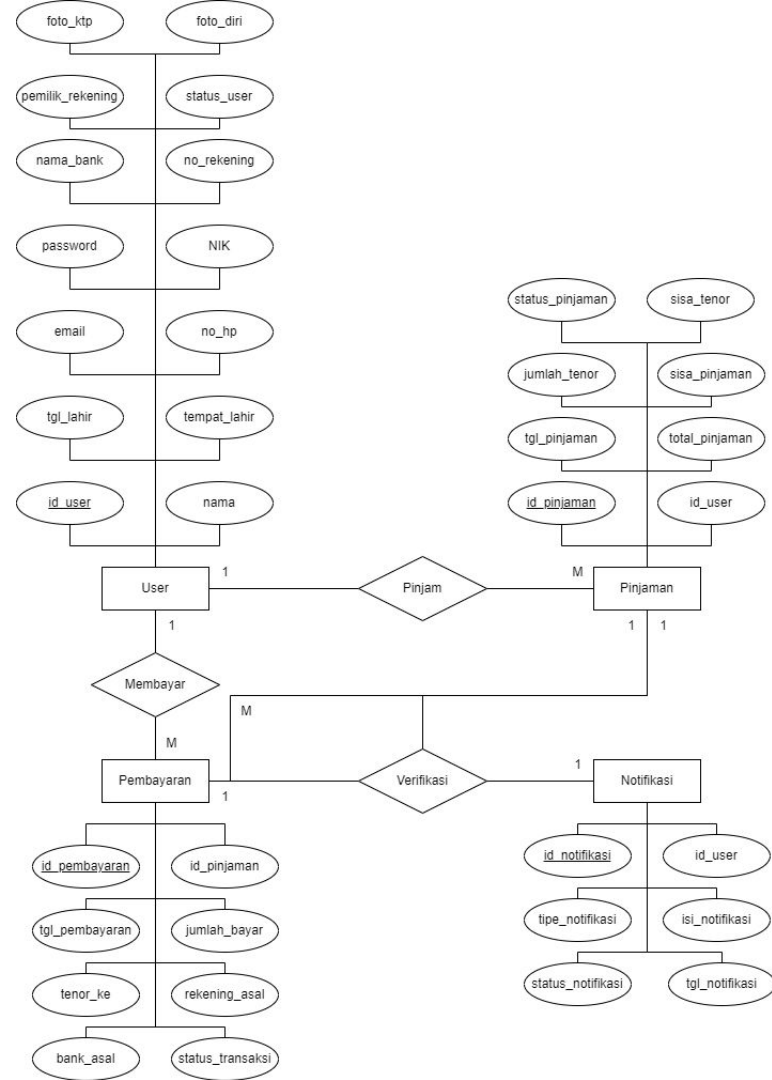


Profil

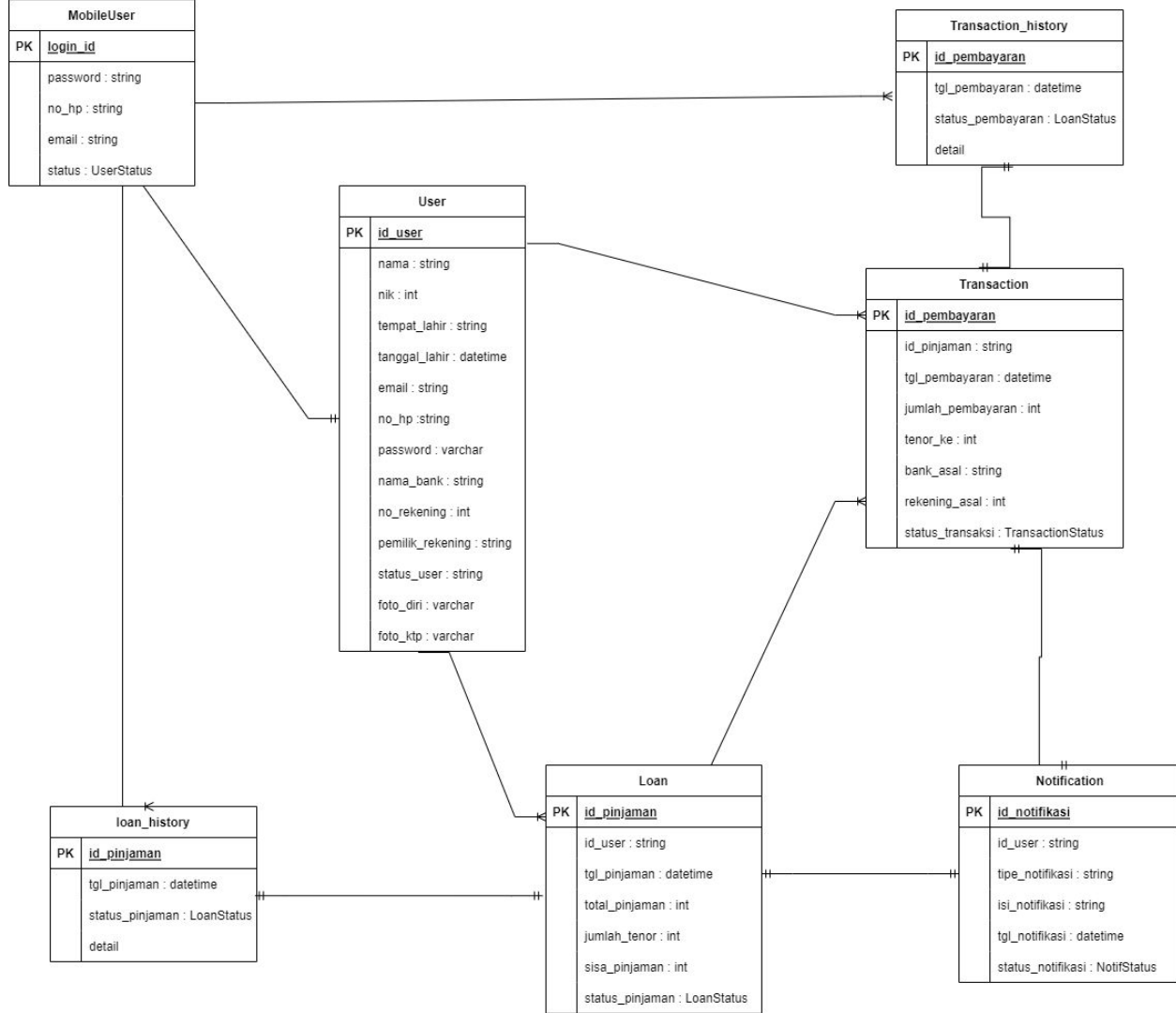


ERD

ERD



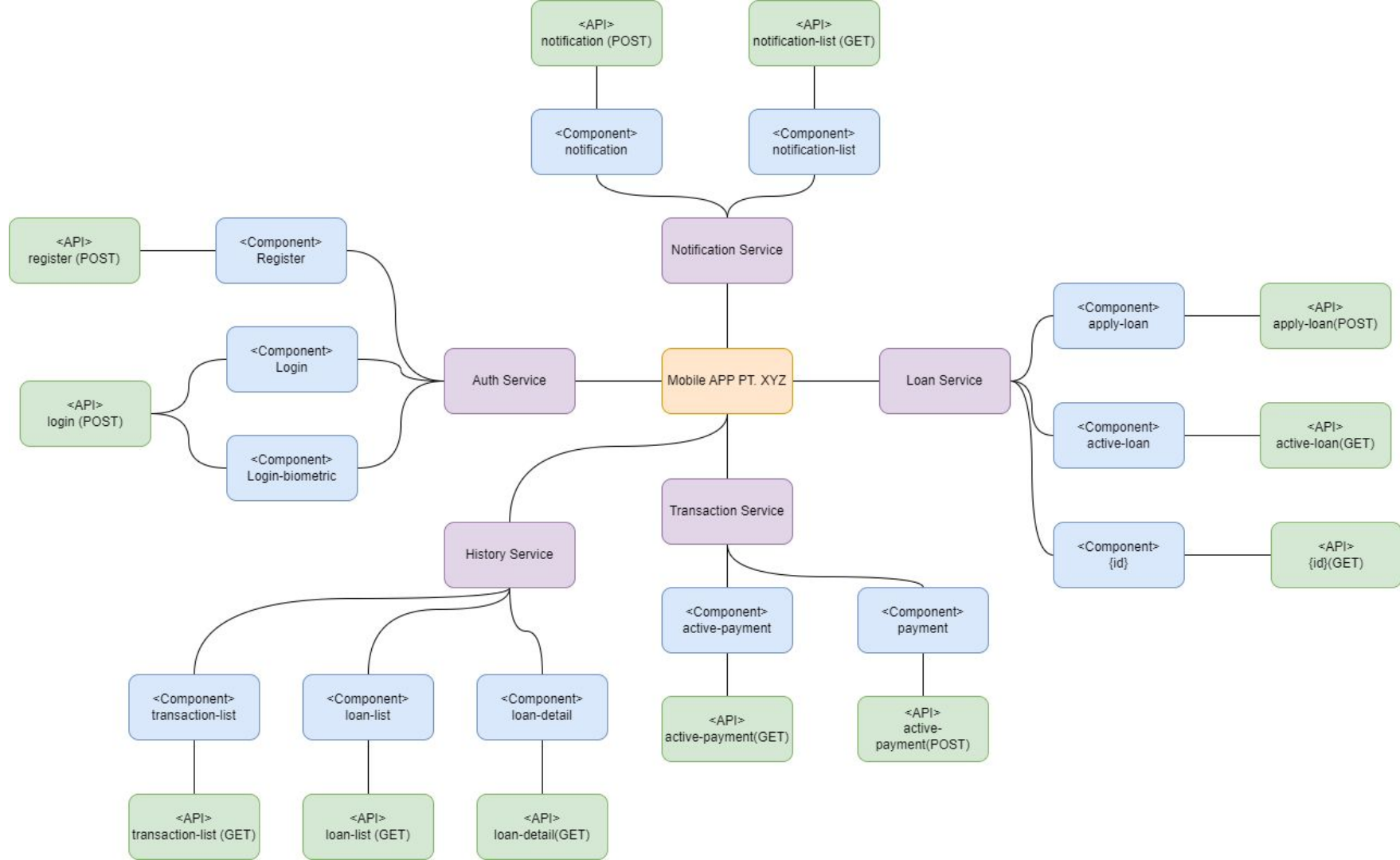
RELASI TABEL



API DESIGN

Service interface

Services	Method
Auth service	POST
Loan service	POST, GET
Transaction service	POST
History service	GET
Notification service	POST,GET



API

1. POST|v1/auth/register
2. POST|v1/auth/login
3. POST|v1/loan/apply-loan
4. GET|v1/loan/active-loan
5. GET|v1/loan/{id}
6. POST|v1/transaction/payment
7. GET|v1/transaction/active-payment
8. GET|v1/history/transaction-list
9. GET|v1/history/loan-list
10. GET|v1/history/loan-detail
11. POST|v1/notification/notification
12. GET|v1/notification/notification-list

POST|v1/auth/login

Header : Content-Type

Request Body:

no_handphone

email

password

Response Body:

Status

Token

Refresh Token

POST|v1/auth/register

Header : Content-Type

Request Body:

nik

nama

tanggal_lahir

tempat_lahir

alamat

email

no_handphone

password

foto

foto_ktp

Response Body:

Status

POST|v1/loan/apply-loan

Header : Content-Type

Authorization : Bearer {{token}}

Request Body:

jumlah_pinjaman

jumlah_tenor

nama_bank

nomor_rekening

pemilik_rekening

GET|v1/loan/active-loan

Header : Content-Type

Authorization : Bearer {{token}}

Request Body: -

Response Body:

id_pinjaman

jumlah_pinjaman

jumlah_tenor

sisas_pinjaman

sisas_tenor

POST|v1/transaction/payment

Header : Content-Type

Authorization : Bearer {{token}}

Request Body:

total_pembayaran

tgl_pembayaran

tenor_ke

metode_pembayaran

Response Body:

GET|v1/history/transaction-list

Header : Content-Type

Authorization : Bearer {{token}}

Request Body:

Response Body:

array_list

status

id_pembayaran

GET|v1/history/loan-list

Header : Content-Type

Authorization : Bearer {{token}}

Request Body:

Response Body:

array_list

status

id_pinjaman

GET|v1/history/loan-detail

Header : Content-Type

Authorization : Bearer {{token}}

Request Body:

id_pinjaman

Response Body:

POST|v1/transaction/payment

Header : Content-Type

Authorization : Bearer {{token}}

Request Body:

jumlah_bayar

tgl_pembayaran

status

Response Body:

GET|v1/transaction/transaction-list

Header : Content-Type

Authorization : Bearer {{token}}

Request Body:

id_pembayaran

Response Body:

MOCK UP DESIGN

Link Figma

<https://www.figma.com/file/bQn9dD5RlrZhKavxdZRVCK/Use-Case-Mobile-App-Pinjaman-Online?node-id=7%3A702&t=gzy6NhRbJkanbWhw-1>