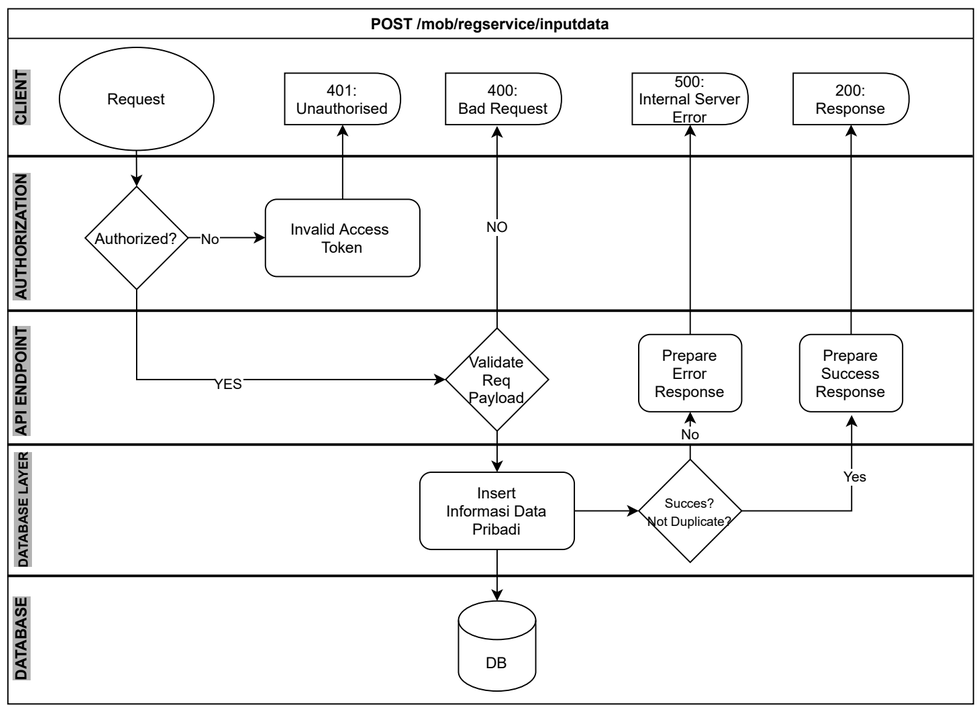
API DESIGN PROJECT MOBILE APPS
PT.XYZ

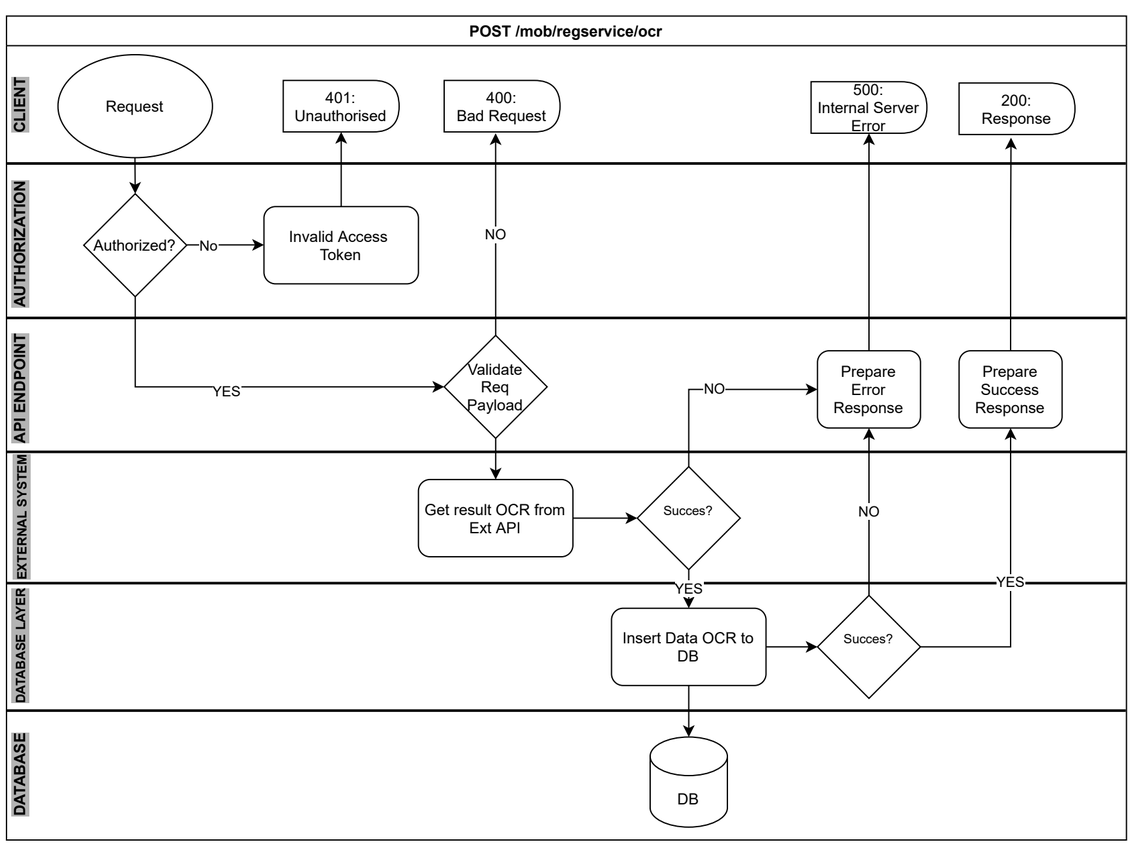
LIST API:

1. /mob/regservice/inputdata
2. /mob/regservice/ocr
3. /mob/regservice/frvalidation
4. /mob/regservice/generateusrprof
5. /mob/regservice/otp
6. /mob/regservice/generatepass
7. /mob/loginservice/login
8. /mob/accountservice/limitinfo
9. /mob/accountservice/historytagihan
10. /mob/accountservice/reqdisburse

1

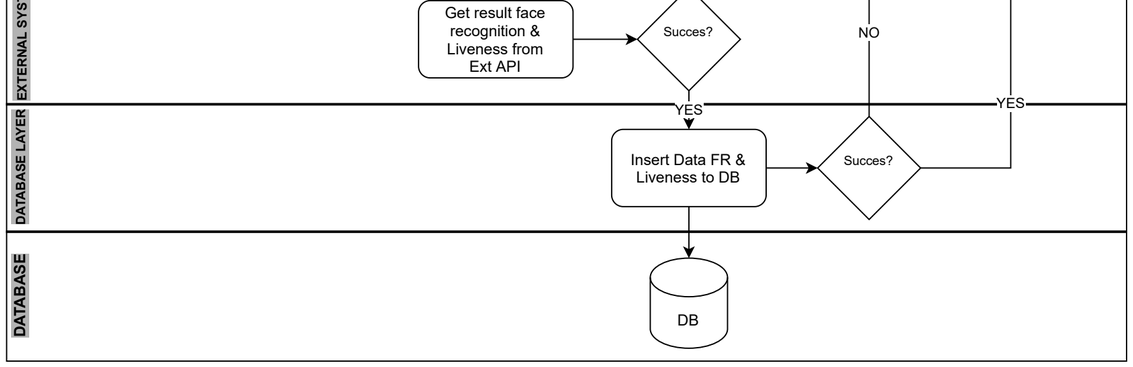


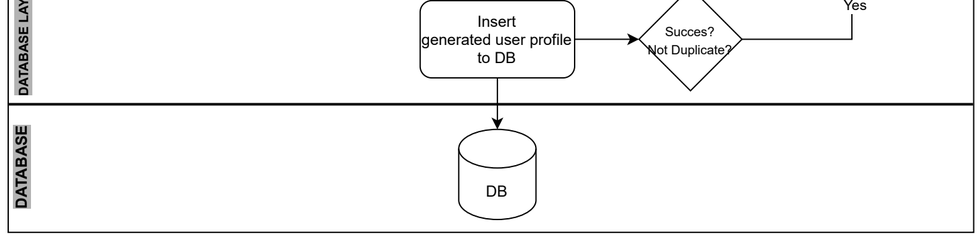
2



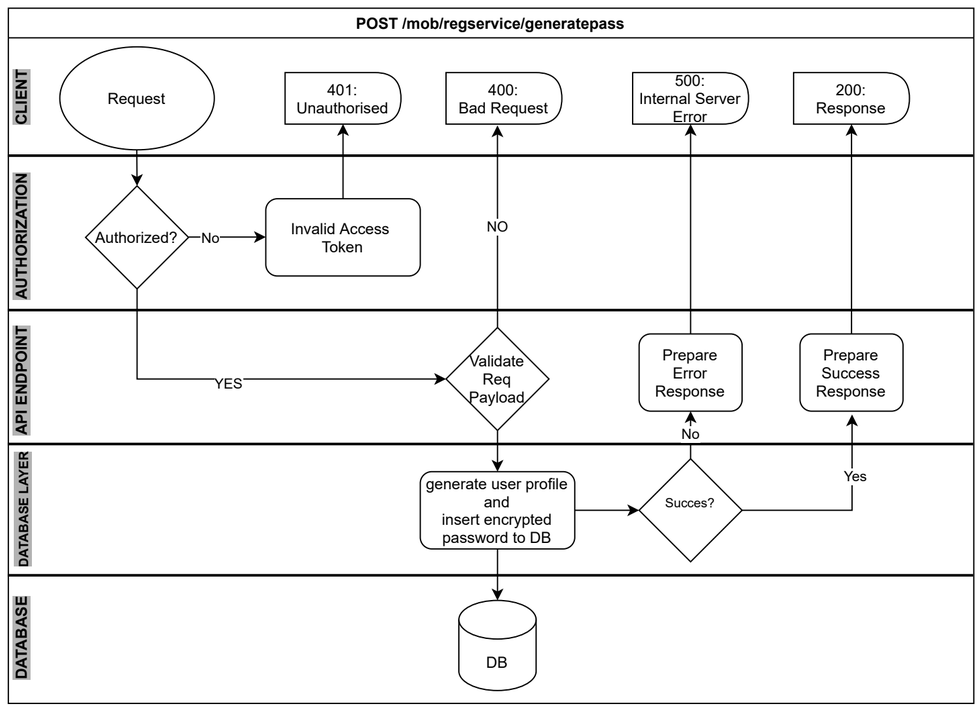
3

4

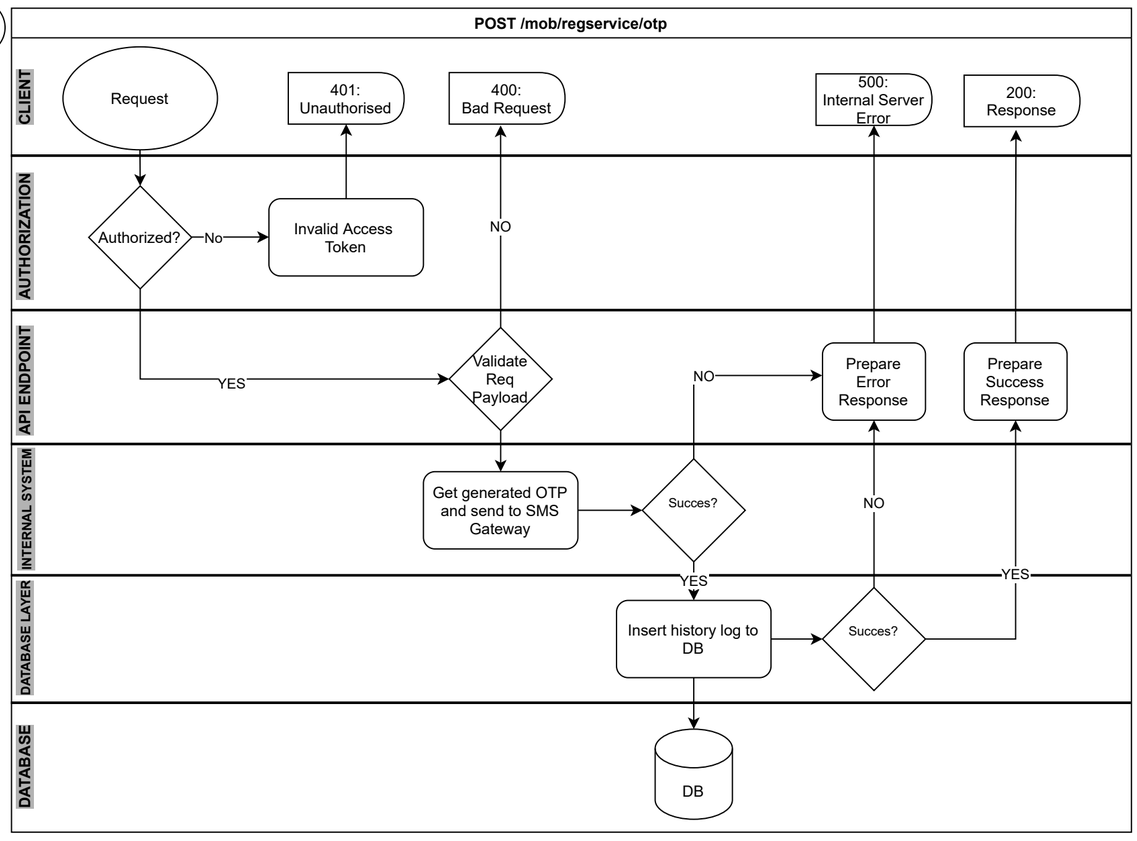

EXTERNAL SYS
Get result face recognition & Liveness from Ext API
Succes?
NO
YES
DATABASE LAYER
Insert Data FR & Liveness to DB
Succes?
YES
DATABASE
DB


DATABASE LAY
Insert generated user profile to DB
Succes? Not Duplicate?
Yes
DATABASE
DB

6


POST /mob/regservice/generatepass
CLIENT
Request
401: Unauthorised
400: Bad Request
500: Internal Server Error
200: Response
AUTHORIZATION
Authorized?
No
Invalid Access Token
NO
API ENDPOINT
YES
Validate Req Payload
Prepare Error Response
Prepare Success Response
DATABASE LAYER
generate user profile and insert encrypted password to DB
Succes?
No
Yes
DATABASE
DB

5


POST /mob/regservice/otp
CLIENT
Request
401: Unauthorised
400: Bad Request
500: Internal Server Error
200: Response
AUTHORIZATION
Authorized?
No
Invalid Access Token
NO
API ENDPOINT
YES
Validate Req Payload
NO
Prepare Error Response
Prepare Success Response
INTERNAL SYSTEM
Get generated OTP and send to SMS Gateway
Succes?
NO
YES
DATABASE LAYER
Insert history log to DB
Succes?
YES
DATABASE
DB

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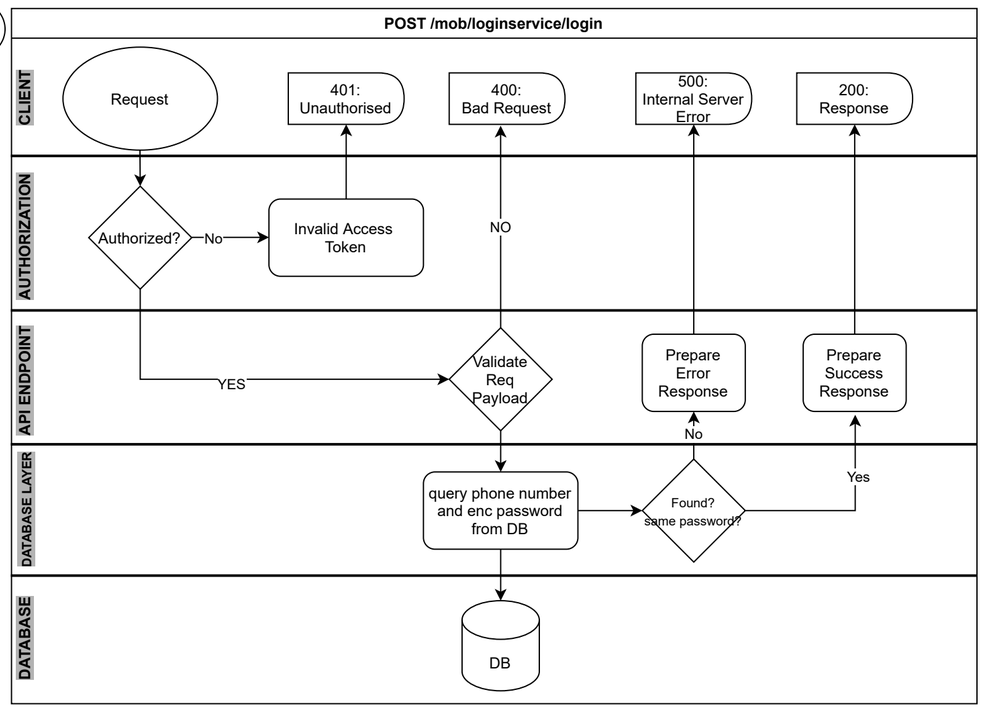
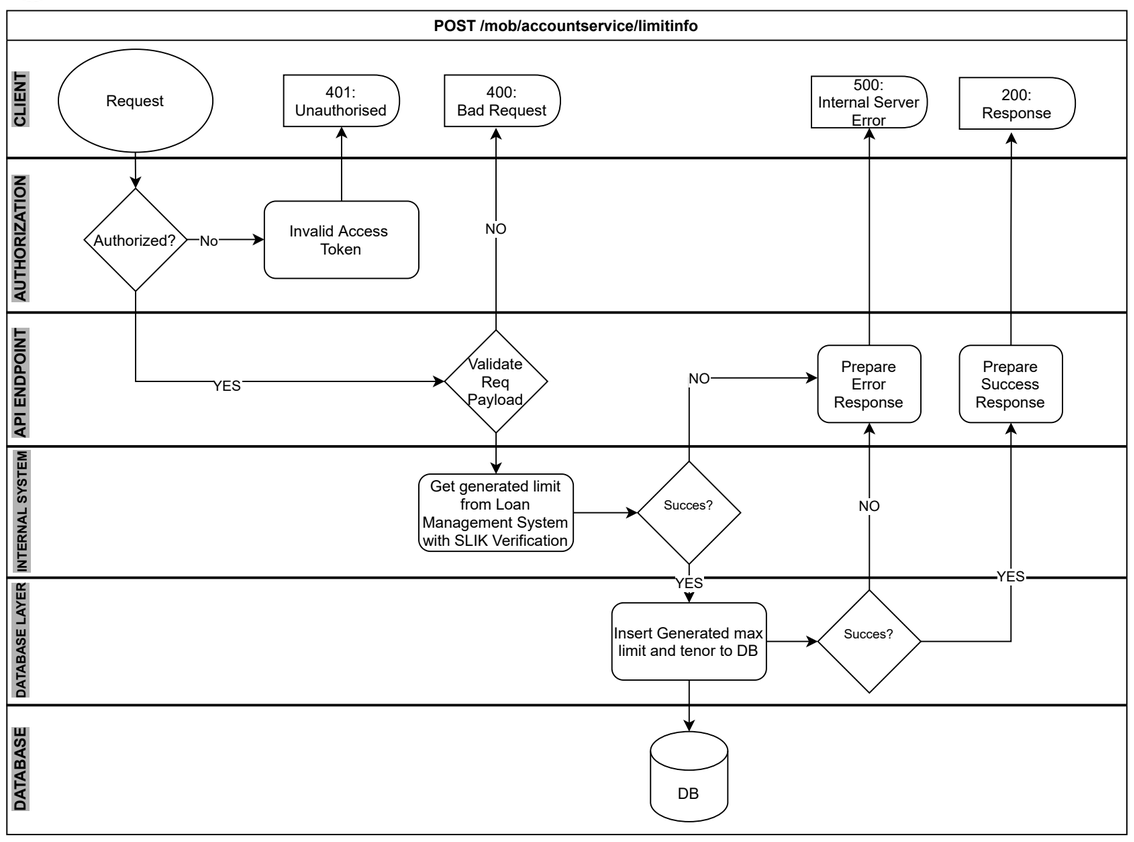
7


POST /mob/loginservice/login
CLIENT
Request
401: Unauthorised
400: Bad Request
500: Internal Server Error
200: Response
AUTHORIZATION
Authorized?
No
Invalid Access Token
NO
API ENDPOINT
YES
Validate Req Payload
Prepare Error Response
Prepare Success Response
DATABASE LAYER
query phone number and enc password from DB
Found? same password?
No
Yes
DATABASE
DB


POST /mob/accountservice/limitinfo
CLIENT
Request
401: Unauthorised
400: Bad Request
500: Internal Server Error
200: Response
AUTHORIZATION
Authorized?
No
Invalid Access Token
NO
API ENDPOINT
YES
Validate Req Payload
NO
Prepare Error Response
Prepare Success Response
INTERNAL SYSTEM
Get generated limit from Loan Management System with SLIK Verification
Succes?
NO
YES
DATABASE LAYER
Insert Generated max limit and tenor to DB
Succes?
YES
DATABASE
DB

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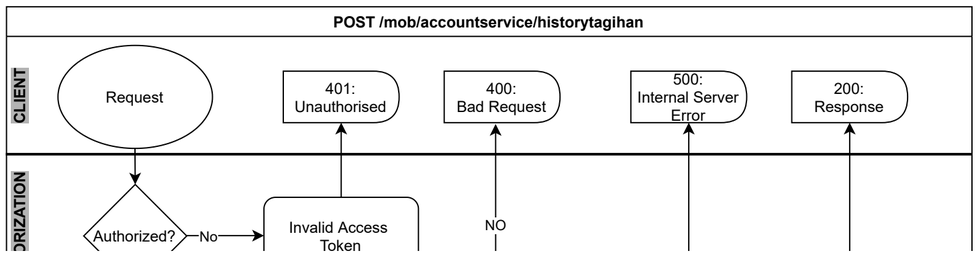
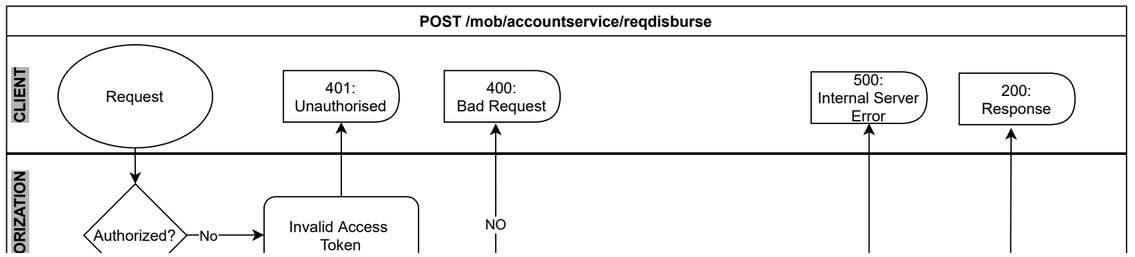
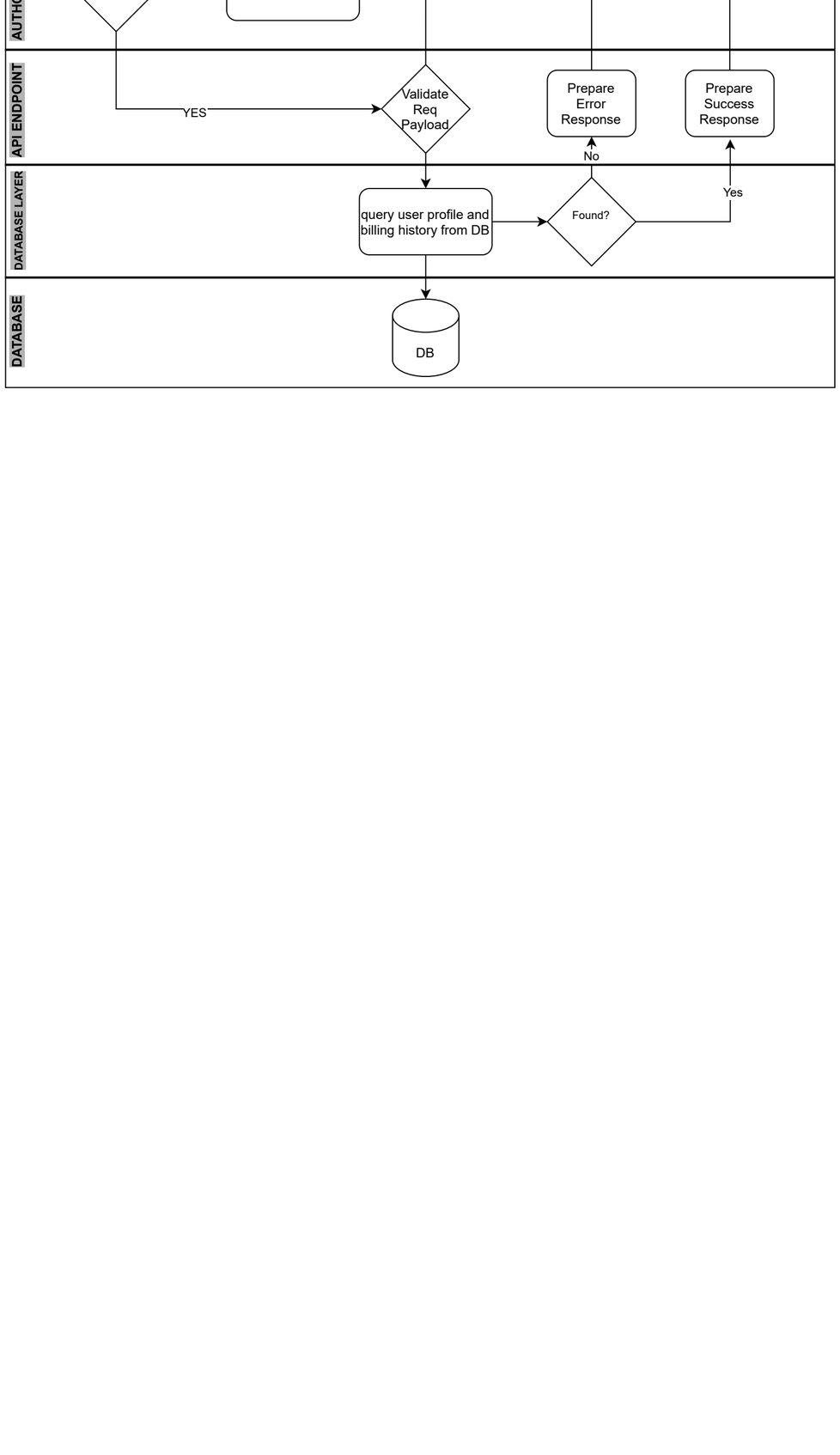
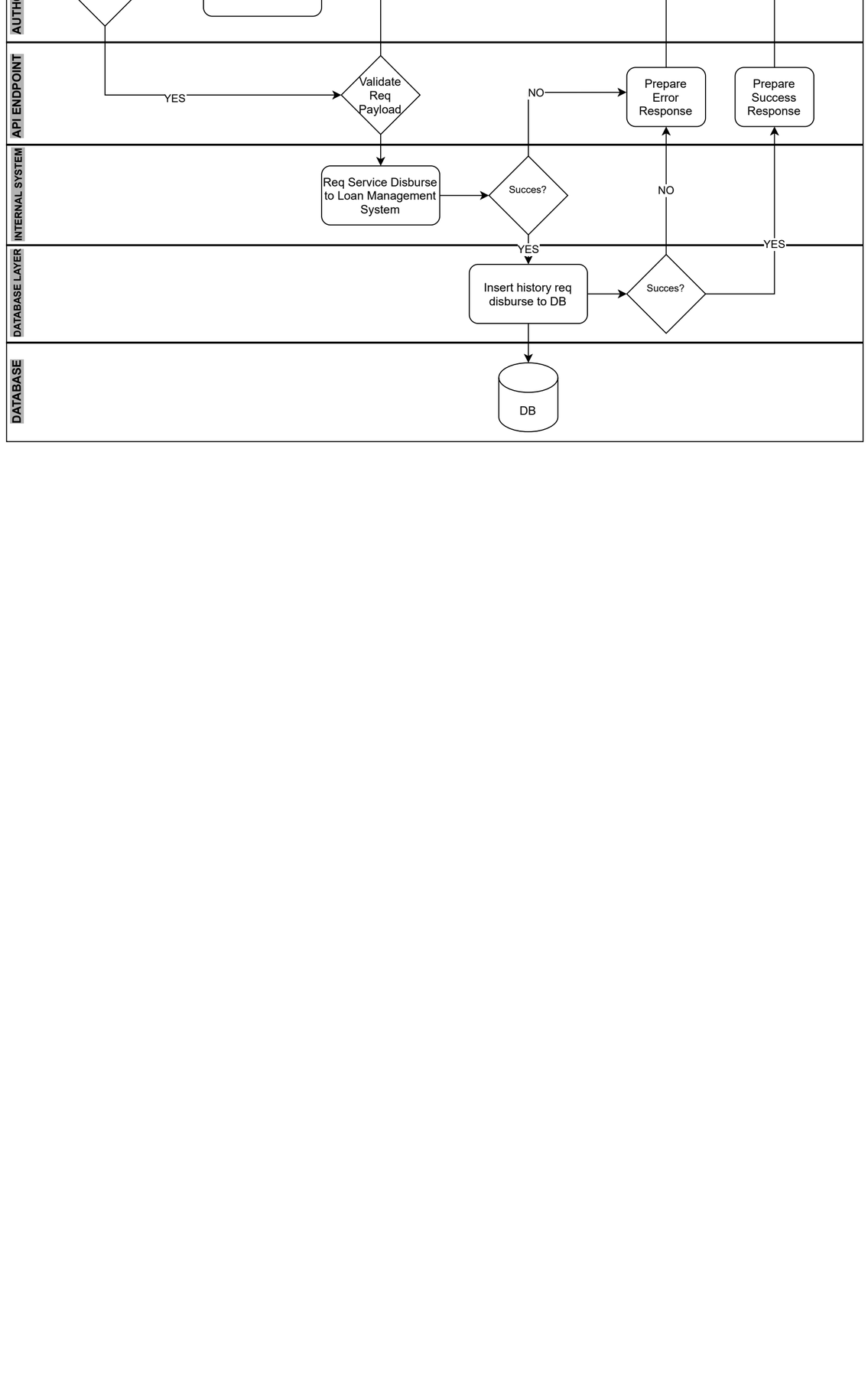

POST /mob/accountservice/historytagihan
CLIENT
Request
401: Unauthorised
400: Bad Request
500: Internal Server Error
200: Response
AUTHORIZATION
Authorized?
No
Invalid Access Token
NO

10


POST /mob/accountservice/reqdisburse
CLIENT
Request
401: Unauthorised
400: Bad Request
500: Internal Server Error
200: Response
AUTHORIZATION
Authorized?
No
Invalid Access Token
NO


AUTHO
API ENDPOINT
DATABASE LAYER
DATABASE
YES
Validate Req Payload
Prepare Error Response
Prepare Success Response
No
Yes
query user profile and billing history from DB
Found?
DB


AUTH
API ENDPOINT
INTERNAL SYSTEM
DATABASE LAYER
DATABASE
YES
Validate Req Payload
NO
Prepare Error Response
Prepare Success Response
Req Service Disburse to Loan Management System
Succes?
NO
YES
YES
Insert history req disburse to DB
Succes?
DB