

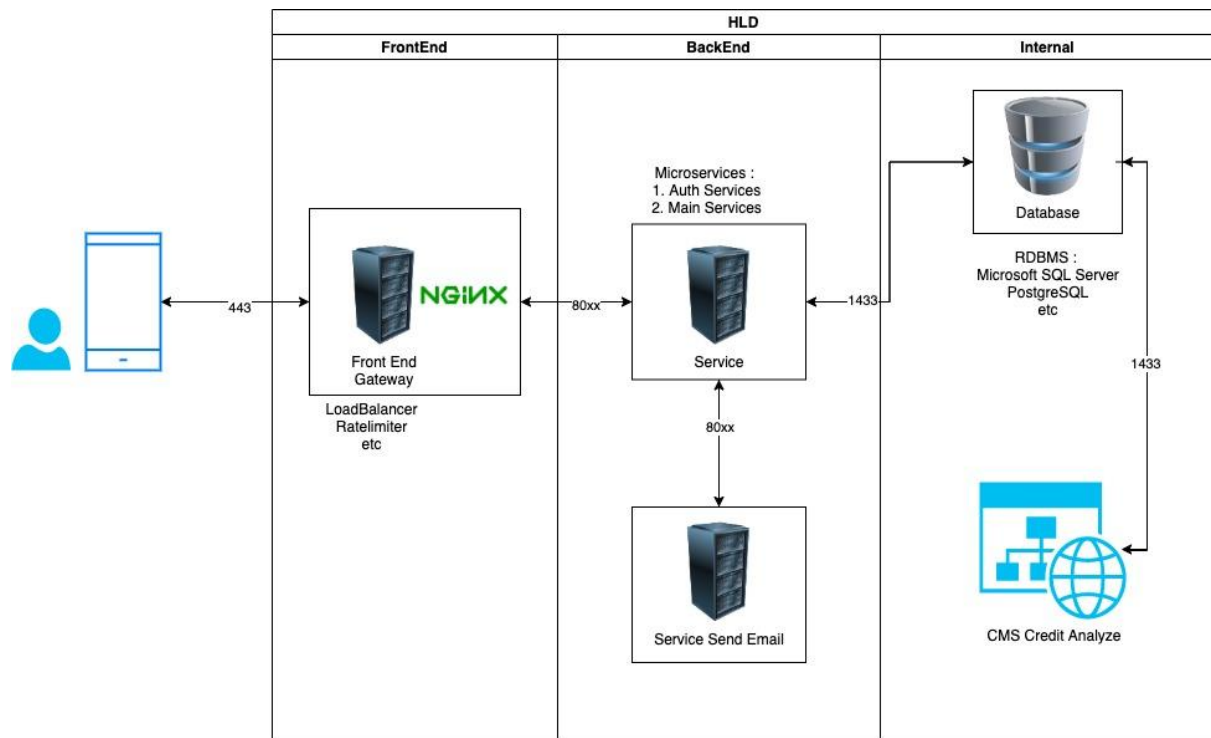
Application Design

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1. High Level Design Architecture (HLD)

Untuk HLD saya menggunakan 3 tier architecture untuk dapat handle kebutuhan dari perusahaan fintech, dengan technology RDBMS : MSSQL / PostgreSQL, dengan Microservices yang dapat dibangun pada JAVA Spring Boot ataupun Golang, kemudian untuk Loadbalancer, Ratelimiter dll, kita dapat menggunakan NGINX+ (plus).

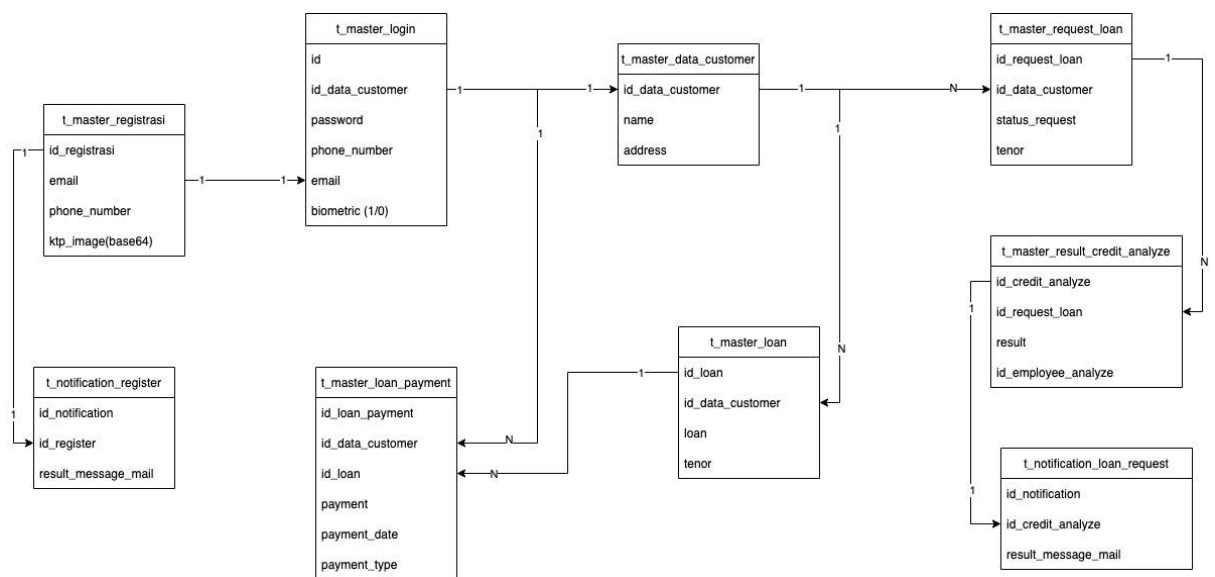


2. Screen Flow

For screen flow, you can access the figma :

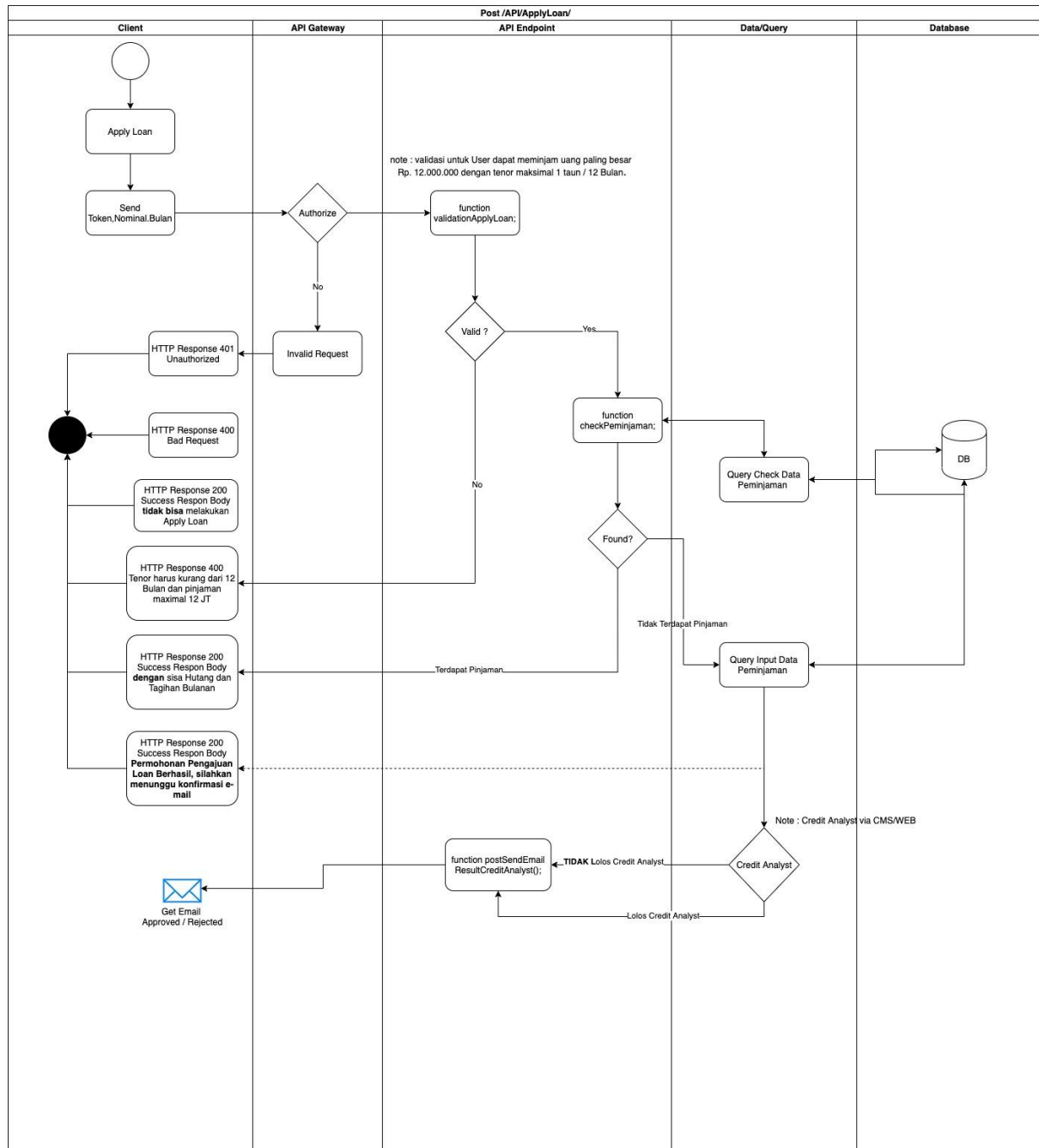
<https://www.figma.com/proto/U5SgweixvWsxxqYWlTbAd0/Figma-Ernesto?node-id=904%3A139&scaling=scale-down&page-id=0%3A1&starting-point-node-id=904%3A139>

3. Entity Relationship Diagram (ERD)

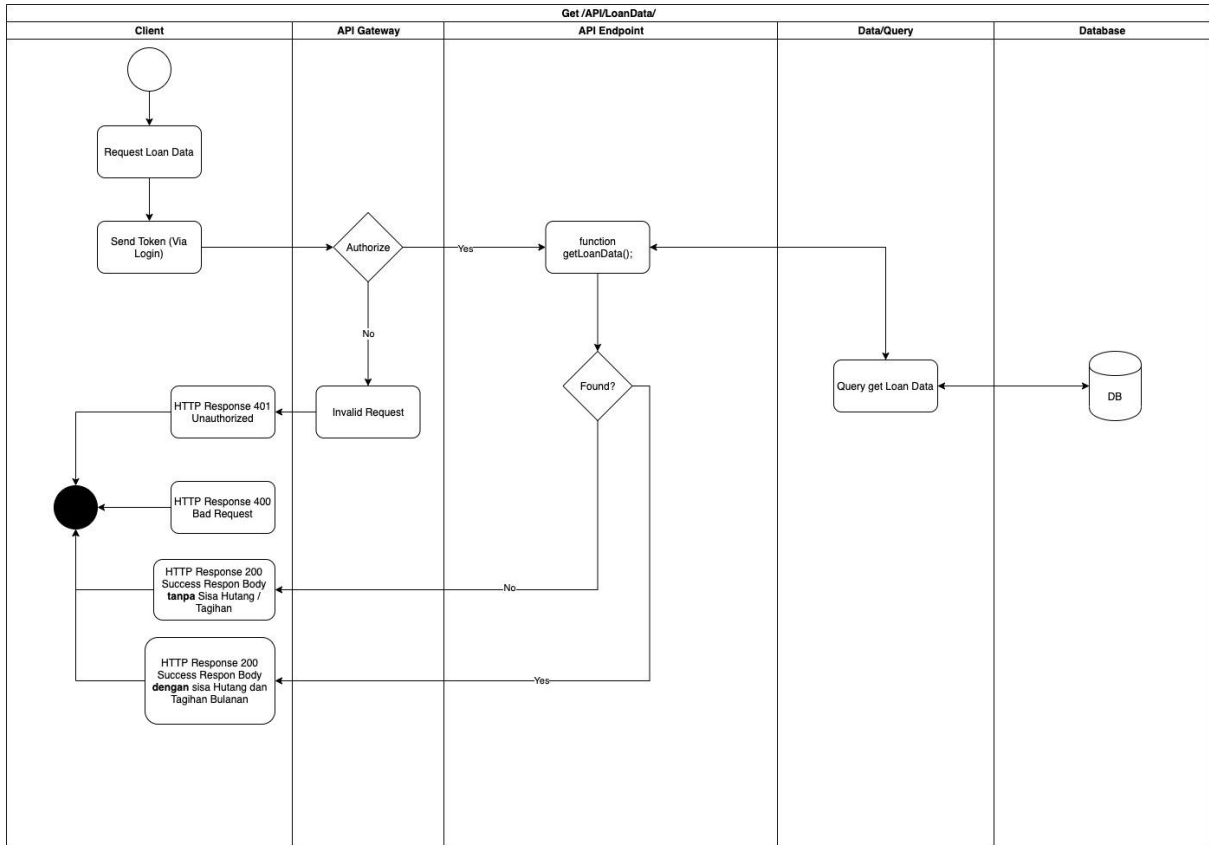


4. API

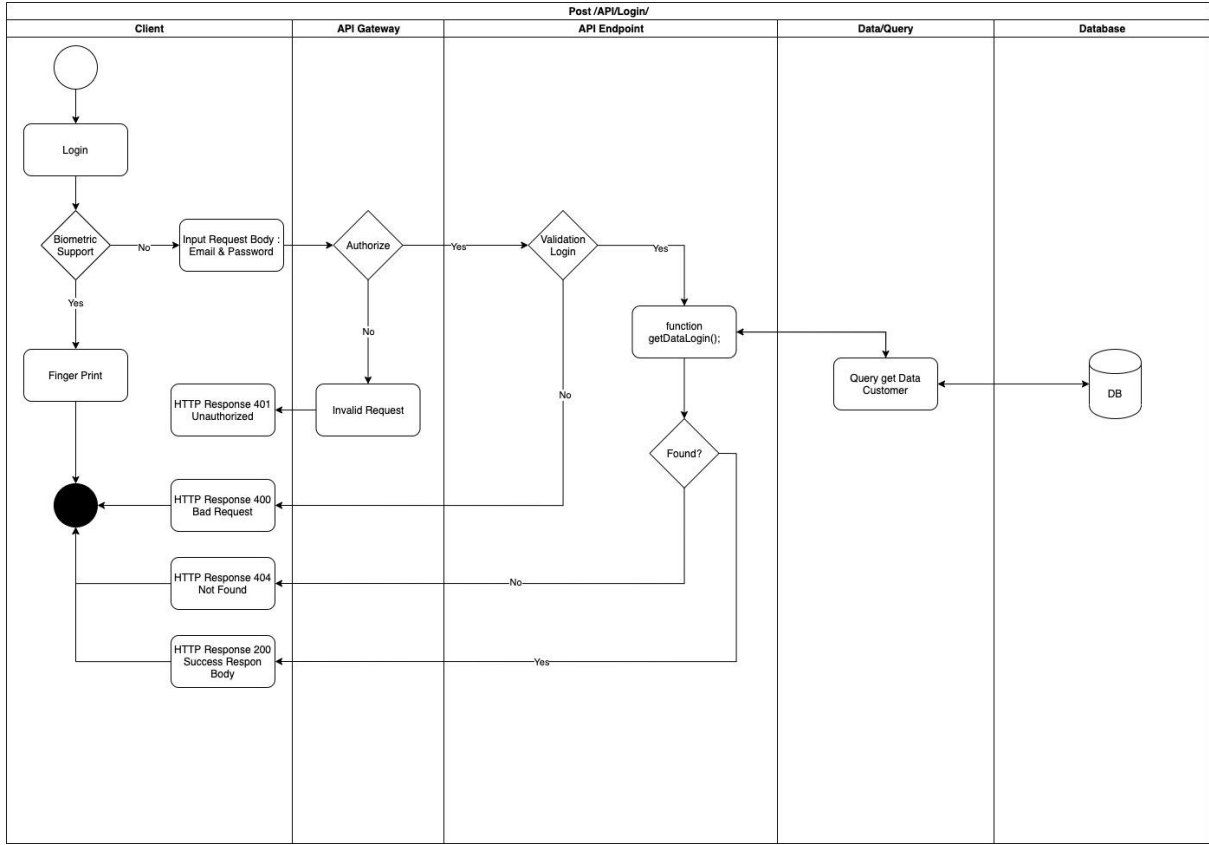
API APPLY LOAN



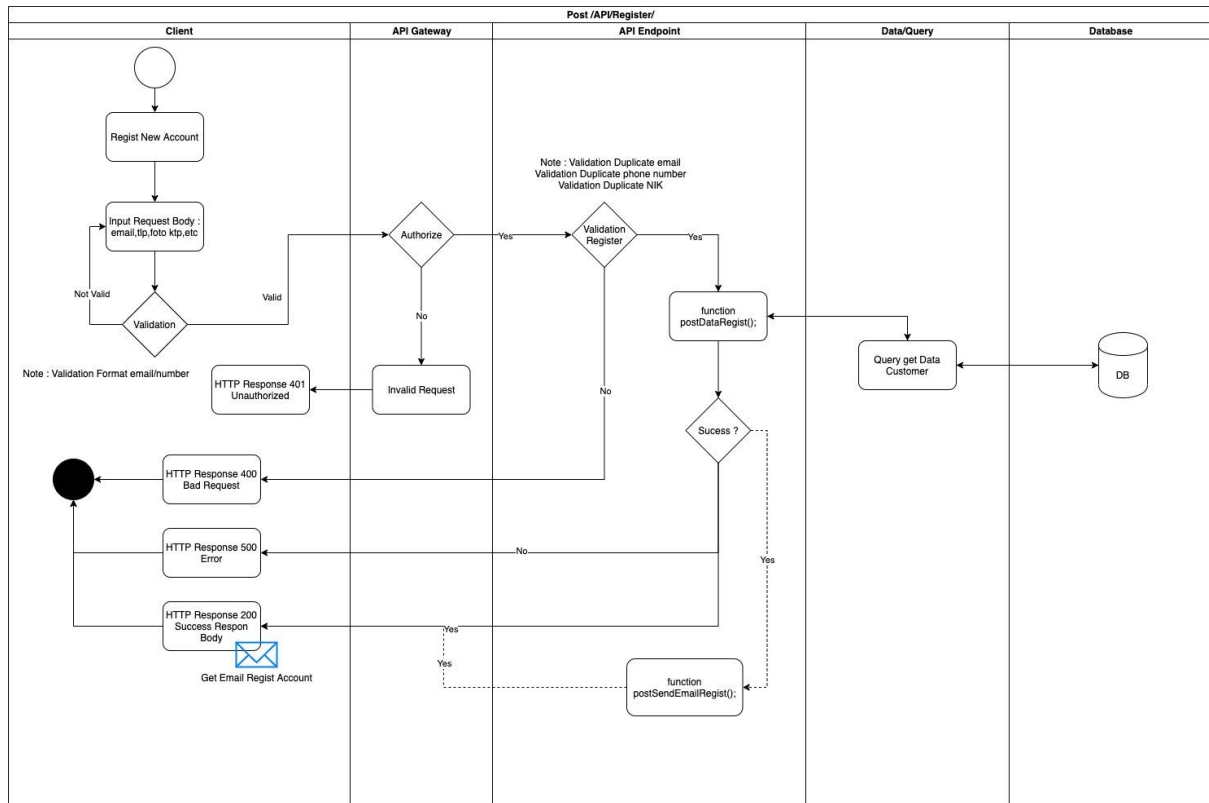
API GET LOAN DATA



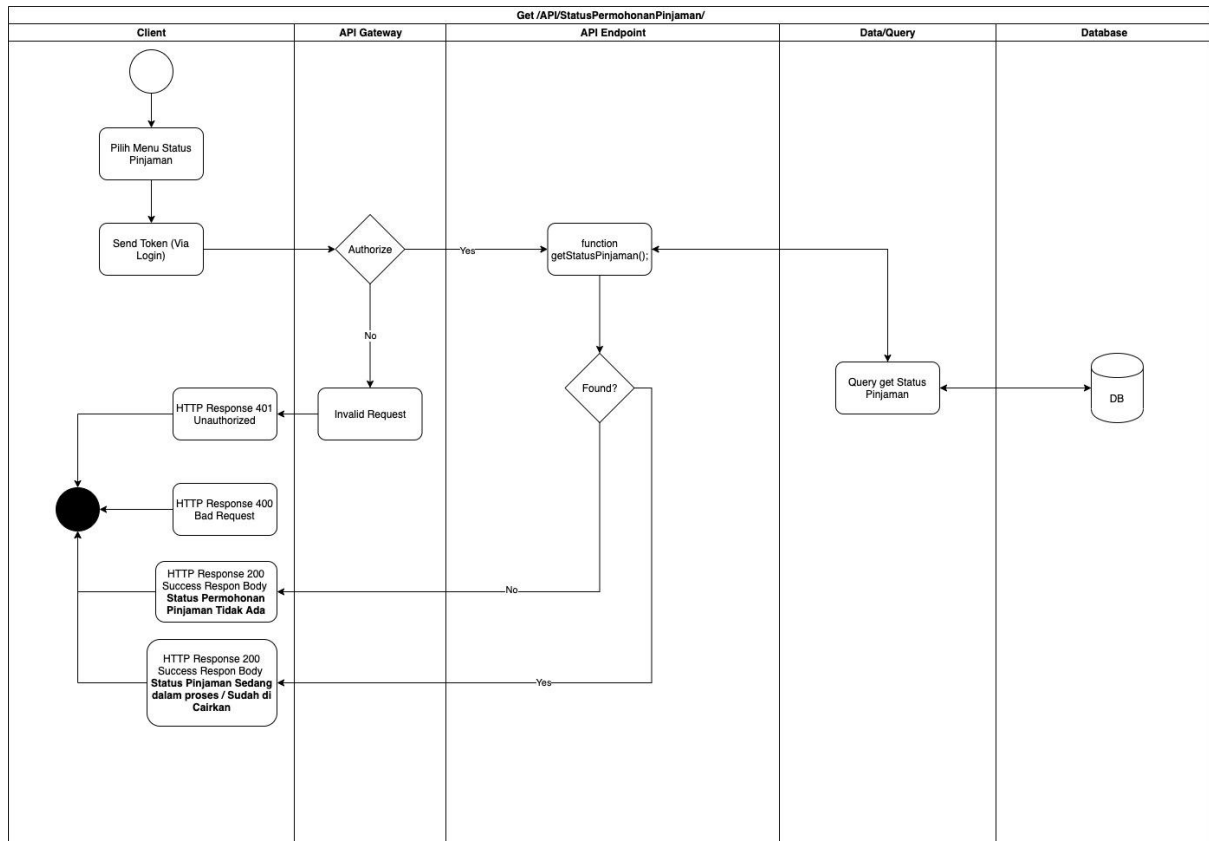
API LOGIN



API REGISTER



API STATUS PEMINJAMAN



5. Screen Behaviour

For screen behaviour, you can access the figma :

<https://www.figma.com/proto/U5SgweixvWsxxqYWlTbAd0/Figma-Ernesto?node-id=904%3A139&scaling=scale-down&page-id=0%3A1&starting-point=-node-id=904%3A139>

The documentation, have been published in my Github, you can click or go to this link :

<https://github.com/YohanesEAC/TechnicalAssessment-SolutionAnalyst>