① REST Template
② Actuators
③ E-Wallet

④ File Handling

Console

→ Hotel Mang
→ Movie Tiket
→
→ Spring Clouds

Web   Servlet
      JSP

Enterprise
      Spring Boot

CCQ
Hocke

Concept

Rest Template   Clients

User →   Wallet

MICRO   SERVICE

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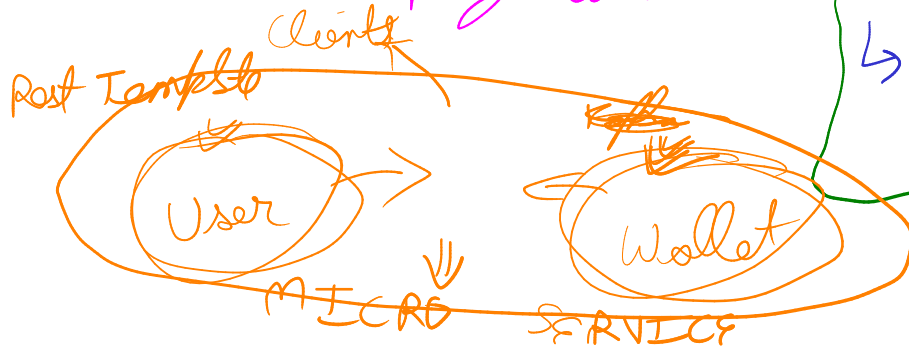
① REST TEMPLATE   (HELP ??)

url

Request
JSON

Client   Server

Service   Rev

Tools

@ Bean

client

@ Component

Appli
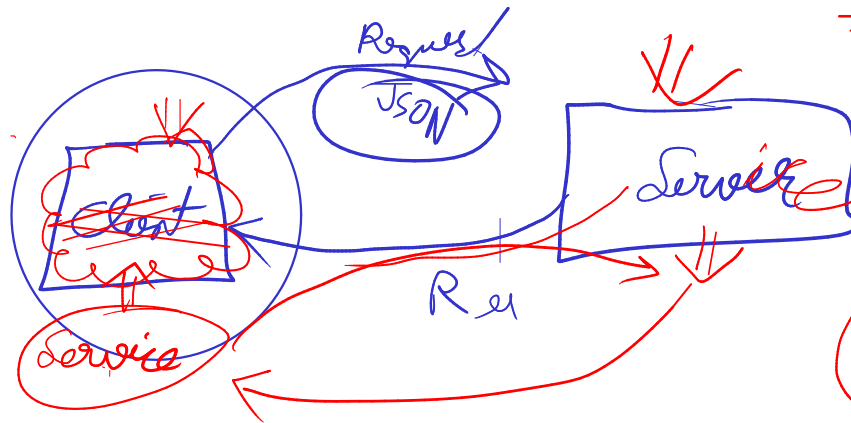
Singleton

= @ Bean

① Baeldung (Rest template) ⇒

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② ACTUATORS

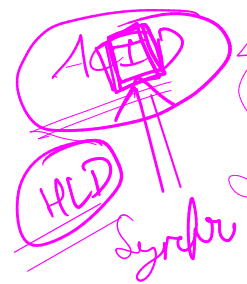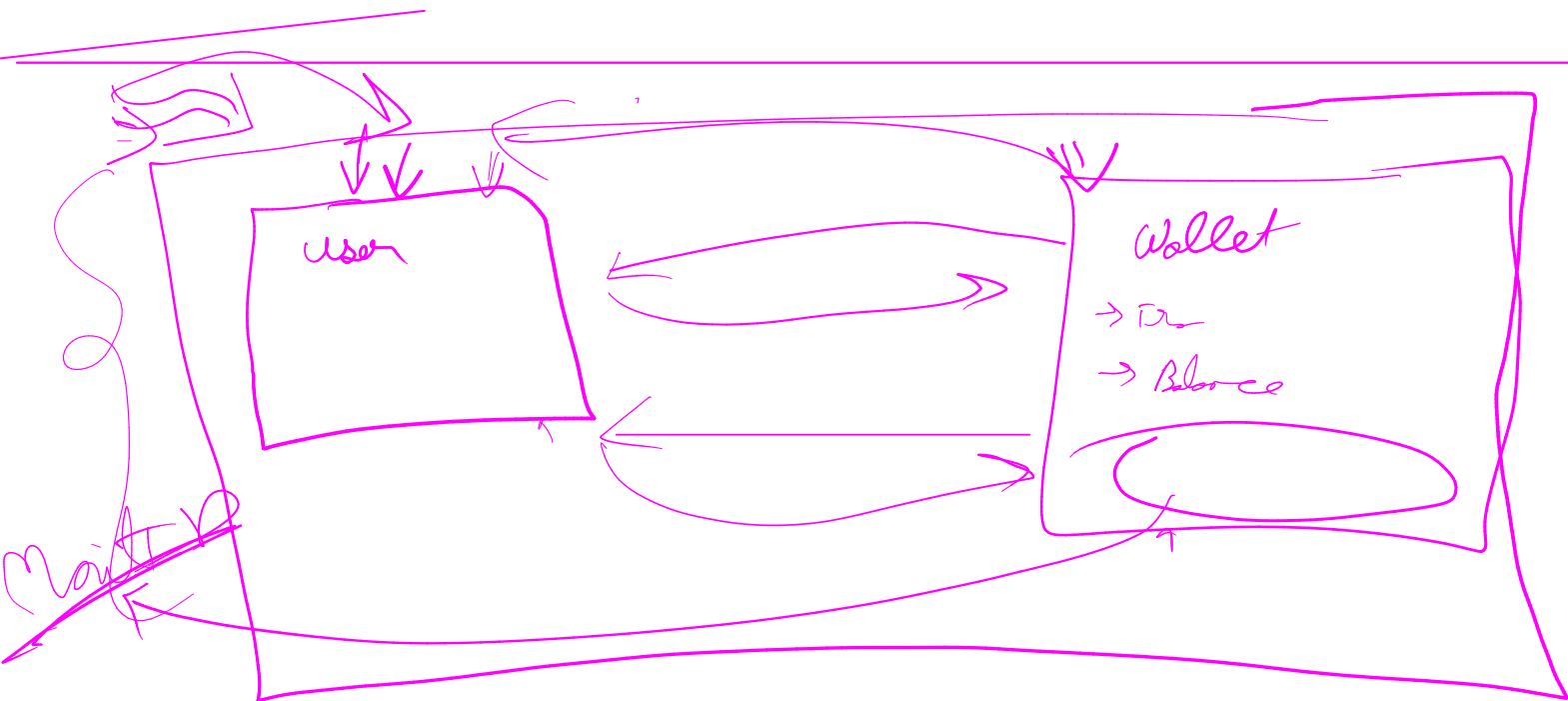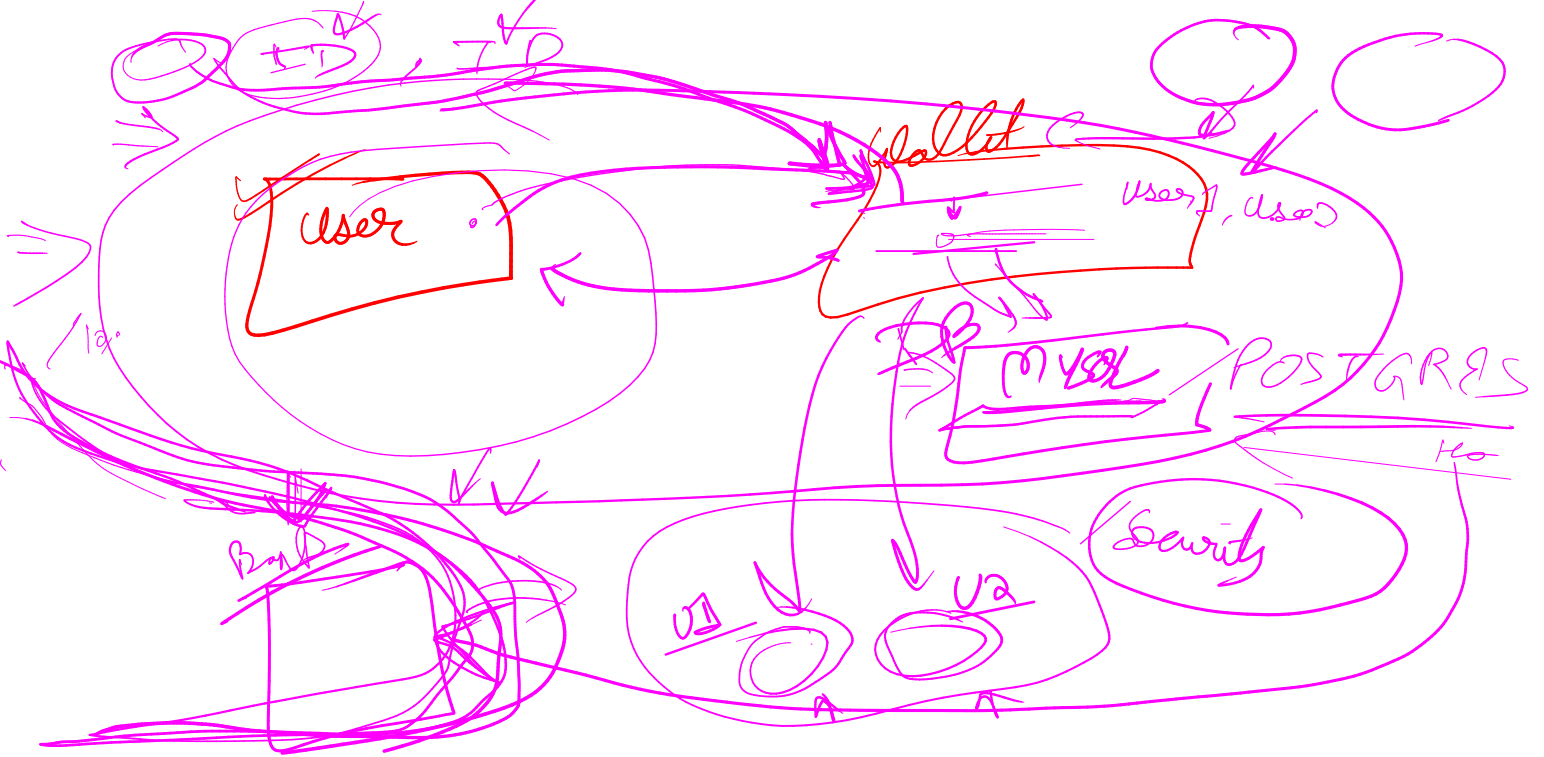
E-wallet
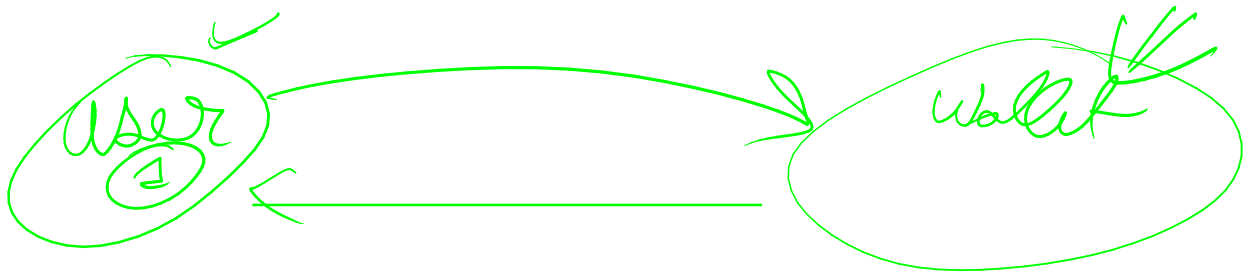
User → Wallet
(1)

Requires
User → we should be able to insert User, get all user,
get User by ID

Wallet → We should be able insert Wallet which
is associated with portfolio

4.3s

→ Top up

→ get wallet

Transaction → We should be able to move
money from one wallet to other.

→ We should be able to see
Transaction relation user.

From
I'm 15
Min

→ Bank
→ Entities & their
property
→ Controller that we
should expose

User

Wallet

User1, User2

MYSQL / POSTGRES

Security

U1   U2

Bank

User

Wallet
→ ID
→ Balance

Main

API

HLD
Synchr

① Registers →

② Create his/her Wallet.

③ Show the user, wallet Correspon to hi/her

④ Get the Balance in Wallet.

⑤ Add the Balance.

⑥ Sending the Money
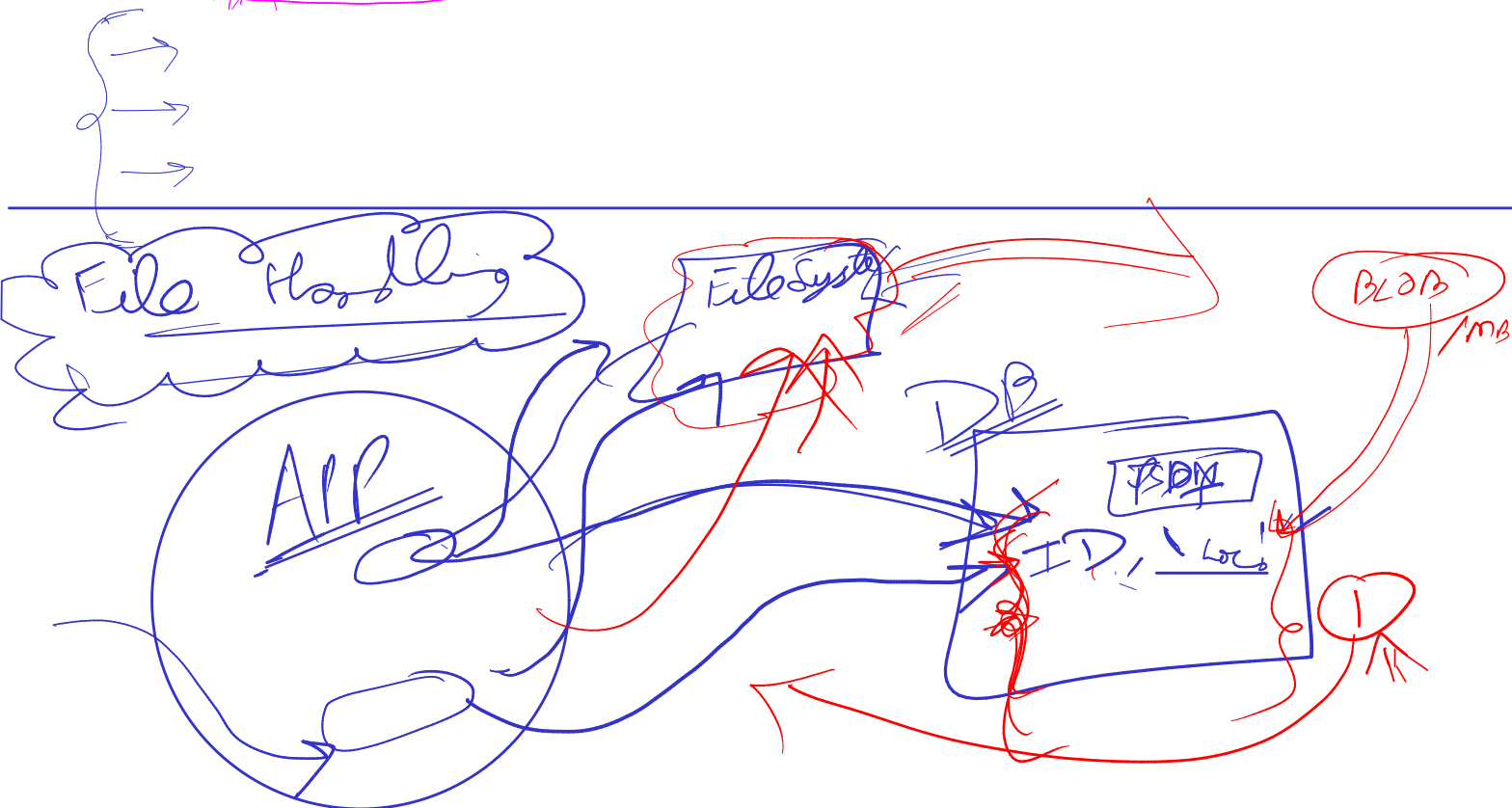
⑦ Transaction History → (Email)

Follow ups

→ DTO / Assembler
→ Improvise on Validators
→ Try to include Security (Roles, Auth) feature in the User / Wallet Service.

→ Improvise on Coding Style of Send Transaction Method Inside Wallet Servi

→ Configure Email parameters.

→ Try to Integrate actual Book for Balance topup

File Handling

FileSystem

BLOB
MB

APP

DB

DB

BDM

ID / Loc

Wallet

Wallet | JavaMail | Transaction

→ Spring CLOUD | Spring Security | $mit test

Kafka | Bad Caches