

2nd Major
Paytm's Wallet.

① Add/signup a user, id
phone
email
password
country
dob
authorities
created on
updated on
enabled

← User Repo

① save
② fetch
③ fetch name, phone, email

①

Service

① ~~add~~ create user
② login user
③ get all users
④ fetch by id
⑤ fetch by name
⑥ fetch by phone
⑦ fetch by email
⑧ fetch by dob
⑨ fetch by authorities
⑩ fetch by created on
⑪ fetch by updated on
⑫ fetch by enabled

Wallet

id,

userId (1-1)

phoneNumber

balance

Kafka to

the notify
service

Kafka
←

Repo

① Find Wallet By Phone

② update wallet.

Service

① Create Wallet

② Update Wallet For Txn

Transaction

id,
~~txid~~
sender
receiver
purpose/message
amount
T/S - created At

Repository for
Txn

Security

① Only logged in
user can send money.

Service

① Load Phone

② create Txn