Ledger API Service:

This ledger Api is a source of truth for transactions happening between wallets

Here in the api we are supporting Entity Creation

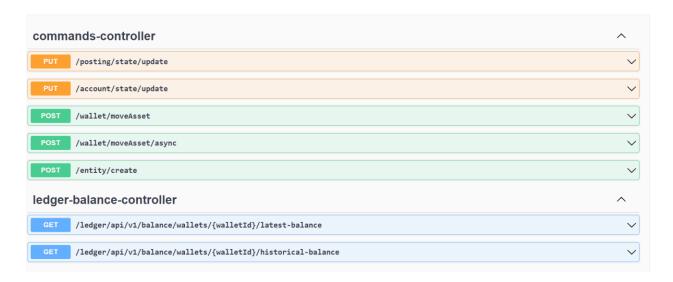
Entity could be a Person or a Business

You need to provide Name and Type of Entity: PERSON/BUSINESS

Each Entity will have accounts:

And Each Account will have multiple assets/wallets of different types: CURRENCY, STOCKS, CRYPTO, BONDS etc

The swagger of ledger-api looks like:



We have 2 sections:

Commands: Command will have Create/Update operations in the service

Queries: Queries will have read operations in the service

```
1
}
1
```

```
Response:
{
    "status": "string",
    "description": "string",
    "createdAt": "2024-03-17T10:41:43.596Z"
}
```

accountUpdate: To change state of account from open to closed and vice-versa

Request:

```
{
    "accountId": Long,
    "accountState": OPEN
}
```

Response:

```
{
    "status": "string"
}
```

postingUpdate: To change stateOfPosting in a wallet from CLEARED to REJECTED or PENDING

Request:

```
{
    "transactionId": Long,
    "postingState": OPEN
}
```

Response:

```
{
    "status": "string"
}
```

walletMovement:

Wallet Movement request provided source and destination , type of wallet and amount. It takes array as an argument and maximum 10 requests are supported Synchrnously, if more then 10 request please use the Asynchronous API

Request:

```
{
    "sourceWalletId": 0,
    "destinationWalletId": 0,
    "assetType": "FIAT_CURRENCY",
    "assetIdentifier": "string",
    "amount": 0
}
```

Response:

For Async Api: we can provide any number of Wallet movement requests, it should process and provide response on payment-created-topic which the client can subscribe

Request and response are same as Synchrnous API

Balance change broadcast on balance-change-topic

Wallet change broadcast on wallet-movement-topic