**Trade finance API Collection**

**Wallet API**

GET WALLET TRANSACTION LOGS

GET <http://localhost:10007/api/trade/getWalletTransactionLogs>

Description: Get history of wallet transaction. Returns array of wallet states.

Response:

[{

"entityMetadata": “{‘name’ : ‘entityname’}”,

"entityId": 1287,

"value": 999

}, {},{}]

GET WALLET

GET <http://localhost:10007/api/trade/getWallet?id=1287>

Description: Get Wallet details by id. Returns wallet state object.

Response:

{

"entityMetadata": “{‘name’ : ‘entityname’}”,

"entityId": 1287,

"value": 999

}

TRANSFER

POST <http://localhost:10007/api/trade/transfer>

Description: Transfer amount from one account to another

Headers:

* Content-Type : application/json

Body:

{

"from" : 1010,

"to" : 1011,

"value" : 10

}

Response:

{'txHash': 9B0E116D1BE022A5D5EFBB8F229588A0566C22AB9AF75BCC72E98BA981363770 }

ONBOARD WALLET

POST <http://localhost:10007/api/trade/onboardWallet>

Description: Create wallet (user, seller or bank)

Headers:

* Content-Type : application/json

Body:

{

"entityMetadata":"{‘name’ : ‘entityname’}",

"entityId" : 1010,

"value" : 1000

}

Response:

{'txHash': 9B0E116D1BE022A5D5EFBB8F229588A0566C22AB9AF75BCC72E98BA981363770 }

**Trade API**

GET ORDER STATES

GET <http://localhost:10007/api/trade/orders>

Description: Get all Orders with data and status.

Response:

[

{

"orderNumber": "56d99162-1e8b-404e-95be-954d81e85262",

"data": "{\"vendor\": {\"name\" : \"vendor name\"}, \"products\" : [{\"name\": \"name1\", \"quantity\": 1,\"price\": 50}, {\"name\": \"name1\", \"quantity\": 1,\"price\": 50}], \"shipping\" : {\"to\" : \"address\"}, \"TnC\" : \"TnC\"}",

"typeOfDocument": "PurchaseOrder",

"tradeId": "14f145ff-a614-4742-a8fe-9855c280ee7d",

"status": "Created"

},{},{},{}….

]

CREATE ORDER

POST <http://localhost:10007/api/trade/createOrder>

Description: Creates Order with given data and status “created”

Headers:

* Content-Type : application/json

Body:

{

"typeOfDocument" : "PurchaseOrder",

"data" : "{\"vendor\": {\"name\" : \"vendor name\"}, \"products\" : [{\"name\": \"name1\", \"quantity\": 1,\"price\": 50}, {\"name\": \"name1\", \"quantity\": 1,\"price\": 50}], \"shipping\" : {\"to\" : \"address\"}, \"TnC\" : \"TnC\"}"

}

Response:

{ 'txHash': 73483099688C21A5288474B7C923D16F31BDCD11E63D94AAEB302D505DE408DD, 'id': ffe59efa-f2af-4c8d-a401-35e6c98e7d33 }

APPROVE

POST <http://localhost:10007/api/trade/approve>

Description: Changes Order status to “approved”

Headers:

* Content-Type : application/json

Body:

{

"typeOfDocument" : "DocumentType",

"data" : "{\"vendor\": {\"name\" : \"vendor name\"}, \"products\" : [{\"name\": \"name1\", \"quantity\": 1,\"price\": 50}, {\"name\": \"name1\", \"quantity\": 1,\"price\": 50}], \"shipping\" : {\"to\" : \"address\"}, \"TnC\" : \"TnC\"}",

"tradeId": "14f145ff-a614-4742-a8fe-9855c280ee7d"

}

Response:

{ 'txHash': 73483099688C21A5288474B7C923D16F31BDCD11E63D94AAEB302D505DE408DD}

APPROVE AND REQUEST FINANCING

POST <http://localhost:10007/api/trade/request-finance>

Description: Changes Order status to “FinanceRequested”

Headers:

* Content-Type : application/json

Body:

{

"typeOfDocument" : "DocumentType",

"data" : "{\"vendor\": {\"name\" : \"vendor name\"}, \"products\" : [{\"name\": \"name1\", \"quantity\": 1,\"price\": 50}, {\"name\": \"name1\", \"quantity\": 1,\"price\": 50}], \"shipping\" : {\"to\" : \"address\"}, \"TnC\" : \"TnC\"}",

"tradeId": "14f145ff-a614-4742-a8fe-9855c280ee7d"

}

Response:

{ 'txHash': 73483099688C21A5288474B7C923D16F31BDCD11E63D94AAEB302D505DE408DD}

REJECT

POST <http://localhost:10007/api/trade/reject>

Description: Changes Order status to “Rejected”

Headers:

* Content-Type : application/json

Body:

{

"typeOfDocument" : "DocumentType",

"data" : "{\"vendor\": {\"name\" : \"vendor name\"}, \"products\" : [{\"name\": \"name1\", \"quantity\": 1,\"price\": 50}, {\"name\": \"name1\", \"quantity\": 1,\"price\": 50}], \"shipping\" : {\"to\" : \"address\"}, \"TnC\" : \"TnC\"}",

"tradeId": "14f145ff-a614-4742-a8fe-9855c280ee7d"

}

Response:

{ 'txHash': 73483099688C21A5288474B7C923D16F31BDCD11E63D94AAEB302D505DE408DD}

APPROVE FINANCE

POST <http://localhost:10007/api/trade/approve-finance>

Description: Changes Order status to “FinanceApproved”

Headers:

* Content-Type : application/json

Body:

{

"typeOfDocument" : "DocumentType",

"data" : "{\"vendor\": {\"name\" : \"vendor name\"}, \"products\" : [{\"name\": \"name1\", \"quantity\": 1,\"price\": 50}, {\"name\": \"name1\", \"quantity\": 1,\"price\": 50}], \"shipping\" : {\"to\" : \"address\"}, \"TnC\" : \"TnC\"}",

"tradeId": "14f145ff-a614-4742-a8fe-9855c280ee7d"

}

Response:

{ 'txHash': 73483099688C21A5288474B7C923D16F31BDCD11E63D94AAEB302D505DE408DD}

REJECT FINANCE

POST <http://localhost:10007/api/trade/reject-finance>

Description: Changes Order status to “FinanceRejected”

Headers:

* Content-Type : application/json

Body:

{

"typeOfDocument" : "DocumentType",

"data" : "{\"vendor\": {\"name\" : \"vendor name\"}, \"products\" : [{\"name\": \"name1\", \"quantity\": 1,\"price\": 50}, {\"name\": \"name1\", \"quantity\": 1,\"price\": 50}], \"shipping\" : {\"to\" : \"address\"}, \"TnC\" : \"TnC\"}",

"tradeId": "14f145ff-a614-4742-a8fe-9855c280ee7d"

}

Response:

{ 'txHash': 73483099688C21A5288474B7C923D16F31BDCD11E63D94AAEB302D505DE408DD}