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Version: 1.0

User Story Description - create an api get status of transfer between accounts

**Request:** GET/transfer/status

Accept: application/json

Content-Type: application/x-www-form-urlencoded

Input JSON

{

“transferId”=”1”

}

**Response:**

HTTP/1.1 200 OK

Content-Type: application/json;

{

“TransferId”: “23244245”

“ReferenceID”:”23332”

“Status”:”pending”

“Transfer Date”:” "2015-02-01Z"

}

Response Code 200 OK

* Response code
* Error code-400 insufficient funds.
* Error code- 401- Destination account not authorized for transfer.
* Error code -403 Forbidden.
* Error code -404 Transfer not found
* Error code -501 Internal Server Error
* All response code will have separate error message description. Can use Try\catch for relevant error messages. Null check, Min, Max condition wherever applicable.

**Logging** – spring boot logging can be used for every method written in business logic

**Security** – Basic Type security with Username\Password through spring boot

**Referred Tables Details:**

|  |  |  |
| --- | --- | --- |
| Transfer | | |
| Field | Type | Description |
| TransferId | Identifier | Client generated, long-term persistent identity of the transfer  action. This ID should be maintained and returned by institution. |
| FromAccountId | Identifier | Long-term persistent identity of the source account |
| ToAccountId | Identifier | Long-term persistent identity of the destination account |
| Amount | Number | Positive amount of money to be transferred |
| Memo | String255 | User-entered reason for transfer |

|  |  |  |
| --- | --- | --- |
| Transfer Status | | |
| Field | Type | Description |
| TransferId | Identifier | Client generated, long-term persistent identity of the transfer  action. This ID should be maintained and returned by institution. |
| ReferenceId | Identifier | Long term persistent identifier for transfer attempt |
| Status | TransferStatusStatus | SUCCESS, NOFUNDS, PENDING, FAILURE |
| TransferDate | Identifier  required | Date of transfer attempt |
| TransferId | Identifier | Client generated, long-term persistent identity of the transfer  action. This ID should be maintained and returned by institution. |