**Requirement Analysis for User Story no. 15**

1. **USER STORY**:

Create an API to get transfer details with status as failed.

1. **Request Format:**

GET/Transfer/Status

Application/JSON

Authorization: Bearer w0mcJylzCn-AfvuGdqkty2-KP48=

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

Status=failure

**Example:**

{

"status":"FAILURE"

}

1. **Response Format:**

HTTP/1.1 200 OK

Content-Type: application/pdf;

charset=utf-8

{

"Transfer" : { }

}

ResponseType:Transfer

{

**[**

**{**

“**TransferId”: “**111222333444558**”**

“**FromAccountId”: ”** 1357902468**”,**

**“ToAccountId”: ”** 1357902467**”,**

**“Amount”: ”** 5000**”,**

**“memo”: ”** bill payment**”**

**}**

**]**

**}**

1. **Error Secenarios:**
2. HTTP/1.1 200

{

“Code”:”200”,

Description: OK

}

1. HTTP/1.1 400

{

“Code”:”400”,

Description: Bad Request (The request hostname is invalid)

}

1. HTTP/1.1 401

**{**

“Code”:”401”,

Description: Unauthorised

**}**

1. HTTP/1.1 404

**{**

“Code”:”404”,

Description: Not Found

**}**

1. HTTP/1.1 500

**{**

**“**Code”:”500”,

Description: Internal Server Error

**}**

1. HTTP/1.1 408

**{**

“Code”:”408”,

Description Request Timeout

**}**

**Table for Reference:**

**(i) Transfer Entity**

|  |  |
| --- | --- |
| **Field** | **Type** |
| TransferId | String |
| FromAccountId | String |
| ToAccountId | String |
| Amount | Decimal |
| Memo | String255 |
| PaymentDetails | Paymentdetails |

**(ii) TransferStatus Entity**

|  |  |
| --- | --- |
| **Field** | **Type** |
| TransferId | String |
| ReferenceId | String |
| Status | Status |
| TransferData | YY/MM/DD |

**(ii) PaymentDetails Entity**

|  |  |
| --- | --- |
| **Field** | **Type** |
| PrincipalAmount | decimal |
| InterestAmount | decimal |
| InsuranceAmount | decimal |
| EscrowAmount | decimal |
| PmiAmount | decimal |
| FeesAmount | decimal |