**Conceptual ERD**

**1**

**ACCT**

\*ACCTID

TypeofService

TypeofSubservice

TypeofProduct

Currency

TransactionType

LimitPerTransfer

LimitPerDay

E-tokenSerialNo.

Remarks

BranchID

CompanyID

**BRANCH**

\*BranchID

BrName

InformationChecked

ManagerPhone

BNMSDept

MaintenanceDate

ManagerFName

ManagerLName

Position

CheckedDate

Remarks

**1**

**TRANSACTION**

\*TransactionID

AuthorisationID

UserID

**∞**

**1**

**USER**

\*UserID

FName

LName

IDType.

IDNo.

Email

Fax

Phone

Mobile

Reason

Remarks

CompanyID

**AUTHORISATION**

\*AuthorisationID

ModelNo.

AuthorisedAmount

AuthorisationInOrder

AvailableService1

AvailableService2

AvailableService3

AvailableService4

AvailableService5

AuthorityLevel

ACCTID

**∞**

**1**

**∞**

**∞**

**COMPANY**

\*CompanyID

Co.Name

Co.Add1

Co.Add2

Email

Phone

Fax

**∞**

**1**

**1**

**∞**

**∞**

**Physical ERD**

**COMPANY**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CompanyID** | **Co.Name** | **Co.Add1** | **Co.Add2** | **Email** | **Phone** | **Fax** |
| 1 | TD Bank | 13 Laneway | Unite 3 | [blah@glah.com](mailto:blah@glah.com) | 1416123456 | 1416123456 |
| 2 | Blue Jays | 222 Elm Street | Unit 315 | Ling1998@gmail.com | 1344988700 | 1344988700 |
| 3 | Air Canada | 122 York | Unit 41 | 184633920@163.com | 1234567889 | 1234567889 |

**ACCT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ACCTID** | **TypeofService** | **TypeofSubservice** | **TypeofProduct** | **Currency** | **TransactionType** |
| ACCT1 | New Application | Set up authorisation work flow | Transfer/Remittance | GBP | Domestic Transfer |
| ACCT2 | Add | Add users | Transfer/Remittance | CNY | Transfer between Associated Accounts |
| ACCT3 | Amendment | Amend transaction limits | Transfer/Remittance | USD | International Remittance |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LimitPerTransfer** | **LimitPerDay** | **E-tokenSerialNo.** | **Remarks** | **CompanyID** | **BranchID** |
| 1000 | 50000 | EDGF15673189401 |  | 1 | a |
| 10000 | 100000 | ASXE90847630018 |  | 3 | c |
| 100000 | 1000000 | KDTB88493647985 |  | 2 | b |

**AUTHORISATION**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **AuthorisationID** | **ModelNo.** | **AuthorisedAmount** | **AuthorisationInOrder** | **AvailableService1** | **AvailableService2** | **AvailableService3** |
| 111 | One | 100000 | YES | I | E1 | E6 |
| 222 | One | 10000 | No | I2 | E3 | E4 |
| 333 | Two | 500000 | No | I7 | E2 | E1 |

|  |  |  |  |
| --- | --- | --- | --- |
| **AvailableService4** | **AvailableService5** | **AuthorityLevel** | **ACCTID** |
| E2 | E3 | II | ACCT1 |
| E2 | E5 | I | ACCT3 |
| E4 | E1 | II | ACCT2 |

**USER**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **UserID** | **FName** | **LName** | **IDType.** | **IDNo.** | **Email** | **Fax** | **Phone** | **Mobile** | **Reason** | **Remarks** | **CompanyID** |
| 11 | Jordan | Smith | Passport | E12395678 | J.Smith1@aol.com | 1123789016 | 1123789016 | 1748202763 |  |  | 3 |
| 22 | Rad | Ray | Passport | EA1234567 | Ray@gmail.com | 9373846519 | 9373846519 | 4164155000 |  |  | 2 |
| 33 | Ruth | Anne | Passport | EG1200577 | Anne.r@yahoo.com | 6142564908 | 6142564908 | 5194567777 |  |  | 1 |

**TRANSACTION**

|  |  |  |
| --- | --- | --- |
| **TransactionID** | **AuthorisationID** | **UserID** |
| A | 111 | 11 |
| B | 222 | 33 |
| C | 222 | 11 |

**BRANCH**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **BranchID** | **BrName** | **InformationChecked** | **ManagerPhone** | **BNMSDept** | **MaintenanceDate** | **ManagerFName** | **ManagerLName** |
| a | BANK OF CHINA (UK) LIMITED MANCHESTER | Yes | (4416)12368302 | Business Unit | 10-06-2020 | Cenith | Calderon |
| b | BANK OF CHINA (UK) LIMITED GLASGOW BRANCH | Yes | (4414)13323354 | e-banking department | 9-28-2020 | Dan | Acosta |
| c | BANK OF CHINA (UK) LIMITED LONDON | Yes | (4412)16227002 | e-banking department | 7-25-2020 | Aline | Adamante |

|  |  |  |
| --- | --- | --- |
| **Position** | **CheckedDate** | **Remarks** |
| Account Manager | 10-06-2020 |  |
| Branch Manager | 9-28-2020 |  |
| Account Manager | 7-30-2020 | Important |