Database Design

## Tables for Connected Banks information (IFSC codes)

**Bank Cities**

|  |  |
| --- | --- |
| Bank ID | Name of bank |
| 1 | State bank of India |
| 2 | Punjab National Bank |

|  |  |  |
| --- | --- | --- |
| Bank ID | City | cityID |
| 1 | Delhi | a |
| 1 | jaipur | b |

**IFSC**

|  |  |  |
| --- | --- | --- |
| CityID | Branch Name | IFSC code |
| a | IIT ropar | code |
| b |  |  |

## Table for Storing Online Transactions

**Online Transactions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Transaction ID | Source A/C no | Destination A/C no. | Type | StartTime | EndTime | Status |
| 1 | 238989 | 289800 | Third Party | 2/2/2011 00:00:00 | 3/2/2011 00:00:10 | Completed |
| 2 | 234234 | 3434234 | Goods payment |  |  | Pending |
| 3 | 89898 | 798787 | Fund Transfer |  |  | Cancelled |

## Table to maintain favourites accounts added by customer

**Connected Accounts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Host A/c no | Connected A/C no. | date added | Limit | IFSC code |
| 7987897 | 775545 | 02-02-2011 00:00 | 100 | 465454 |
| 7987897 | 775546 |  | 2000 | 4545454 |
| 111111 | 100000 |  | 200 | 1111111 |