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**Advertising. Technology. Consultancy.**

**Database Design Child-Merchant Payment Point 1.0**

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# PP\_CHILD\_MERCHANT

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | id | Integer | 20 | Yes | Auto Increment & Primary Key |
| 2 | bd\_merchant\_id | Varchar | 20 | Yes | Unique Id provide by billdesk |
| 3 | email | Varchar | 20 | Yes |  |
| 4 | mobile\_no\_1 | Number | 10 | Yes |  |
| 5 | mobile\_no\_2 | Number | 10 | No |  |
| 6 | land\_line\_1 | Number | 15 | no |  |
| 7 | land\_line\_2 | Number | 15 | no |  |
| 8 | cm\_type\_id | Varchar | 20 | Yes | Foreign Key of organization type(id) |
| 9 | cm\_name | Varchar | 250 | Yes | Name of any Child Merchant |
| 10 | cm\_address\_1 | varchar | 30 | yes |  |
| 11 | cm\_address\_2 | Varchar | 30 |  |  |
| 12 | cm\_pincode | Number | 6 | Yes |  |
| 13 | cm\_location | text |  |  |  |
| 14 | cm\_city | Varchar | 50 |  |  |
| 15 | cm\_district | Varchar | 50 | Yes |  |
| 16 | cm\_state | Varchar | 30 | Yes |  |
| 17 | cm\_country | Varchar | 20 |  |  |
| 18 | cm\_status | Init | 1 | Yes | 0=>Inactive  1=>Active |
| 19 | cm\_created\_on | datetime |  | yes |  |
| 20 | cm\_created\_by | Int |  | yes | User ID of Payment Point |
| 21 | cm\_modified\_by | Int |  |  |  |
| 22 | cm\_modified\_on | Datetime |  |  |  |
| 23 | approved\_by | Int | 11 | Yes | User id of admin |
| 24 | aprroved\_on | Datetime |  | Yes | Account approved datetime. |
| 25 | return\_url | Text |  | Yes | To be provide by child merchant |

# PP\_ORGANIZATION\_TYPE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | id | Varchar | 20 | Yes | Unique Id |
| 2 | org\_type\_name | Varchar | 20 | Yes | Name of the Organization Type |
| 3 | Status | Int |  | No | Default =>1(active)  0=>inactive |

# PP\_IDENTITY\_MASTER

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | id | Int | 11 | Yes | Unique Id |
| 2 | identity\_type\_name | Varchar | 50 | Yes | Name of the Identity Type  eg: PAN |
| 3 | Description | Text |  |  | To display rules/info of id proofs. |
| 4 | Status | Int |  | yes | Default =>1(active)  0=>inactive |
| 5 | created\_by | Varchar | 50 | Yes | User id fo admin |
| 6 | created\_on | Datetime |  | yes |  |
| 7 | modified\_by | Varchar | 50 | Yes | User id fo admin |
| 8 | modified\_on | datetime |  | yes |  |

# PP\_USER\_IDENTITY\_DETAILS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | id | Int | 11 | Yes | Unique Id |
| 2 | user\_id | Int | 11 | Yes | Reference key of cm(id) |
| 3 | Identity\_id | Varchar | 50 | Yes | Reference to identity master (id) |
| 3 | Identity\_no | Varchar | 50 | Yes | Eg pan card number |
| 4 | created\_on | Datetime |  | Yes |  |
| 5 | modified\_on | Datetime |  | Yes |  |

# PP\_CHILD\_MERCHANT\_TRANSACTIONS(pCMTs)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | Id | Integer | 20 | Yes | Auto Increment & Primary Key |
| 2 | pp\_cm\_order\_id | Varchar | 20 | Yes | Unique transaction order Id of payment point for child merchant. |
| 3 | bd\_merchant\_id | Varchar | 30 | Yes | Provided by billdesk. |
| 4 | cm\_id | int | 50 | Yes | Reference key(id) of child merchant table. |
| 5 | cm\_order\_id | Varchar | 30 | Yes | Unique Order id of child merchant to be sent to BD by PP. |
| 6 | bd\_txn\_reference\_no | Varchar | 50 | Yes | Reference number send by billdesk as response |
| 7 | txn\_amount | Float | Rs.pp | Yes | To provide by child merchant |
| 8 | currency\_type | Varchar | 3 | yes | INR |
| 9 | ItemCode | Varchar | 30 | Yes | DIRECT |
| 10 | bd\_checksum | Varchar |  | Yes | Provided by billdesk |
| 11 | pp\_checksum | Varchar |  | Yes | Provided by paymentpoint |
| 12 | txn\_status | Enum | ‘p’, ‘s’, ‘f’ | Yes | p=pending, s=success, f=failure |
| 13 | bd\_status\_id | Int | 11 | Yes | Reference key (id) of pp\_bd\_status\_details table |
| 14 | bd\_txn\_dates | date |  | Yes | Transaction date provided by billdesk as response |
| 15 | payment\_date | datetime |  | Yes | Payment date generated by Paymentpoint |

# PP\_BD\_STATUS\_DETAILS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | Id | Integer | 20 | Yes | Auto Increment & Primary Key |
| 2 | status\_code | varchar | 10 | Yes | Status code of billdesk |
| 3 | description | varchar | 250 | Yes | Msg/Description according to status code of Billdesk |

# PP\_CM\_REFUND

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | Id | Integer | 11 | Yes | Auto Increment & Primary Key |
| 2 | txn\_id | Integer | 11 | Yes | Reference key(id) of cm transaction table. |
| 3 | refund\_amount | Float | (10,2) | Yes | Amount to be refunded against the tranasction id |
| 4 | refund\_date | Datetime |  | Yes |  |
| 5 | refund\_status\_id | Int | 11 | Yes | Reference key of refund status table |
| 6 | bd\_refund\_Id | Varchar | 30 | yes | BillDesk Payment Gateway Refund ID |
| 6 | error\_code\_id | Float | Rs.pp | Yes | Refrence key(id) to error code table |
| 7 | bd\_process\_status | Varchar | 30 | yes | value1=Process success  value2=Error in process |
| 8 | bd\_checksum | Varchar | 30 | Yes | Provided by Billdesk |
| 9 | pp\_checksum | Varchar |  | Yes | Provided by paymentpoint |

# PP\_CM\_REFUND

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | Id | Integer | 11 | Yes | Auto Increment & Primary Key |
| 2 | txn\_id | Integer | 11 | Yes | Reference key(id) of cm transaction table. |
| 3 | refund\_amount | Float | (10,2) | Yes | Amount to be refunded against the tranasction id |
| 4 | refund\_date | Datetime |  | Yes |  |
| 5 | refund\_status\_id | Int | 11 | Yes | Reference key of refund status table |
| 6 | bd\_refund\_Id | Varchar | 30 | yes | BillDesk Payment Gateway Refund ID |
| 6 | error\_code\_id | Float | Rs.pp | Yes | Refrence key(id) to error code table |
| 7 | bd\_process\_status | Varchar | 30 | yes | value1=Process success  value2=Error in process |
| 8 | bd\_checksum | Varchar | 30 | Yes | Provided by Billdesk |
| 9 | pp\_checksum | Varchar |  | Yes | Provided by paymentpoint |

# PP\_BD\_REFUND\_STATUS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | Id | Integer | 11 | Yes | Auto Increment & Primary Key |
| 2 | code | Varchar | 5 | Yes | Bill desk Auth Status code |
| 3 | description | Text |  | Yes | Description about the code |

# PP\_BD\_REFUND\_ERROR

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Slno | Parameters | Datatype | Length | Mantadory | Description |
| 1 | Id | Integer | 11 | Yes | Auto Increment & Primary Key |
| 2 | code | Varchar | 5 | Yes | Bill desk refund Status |
| 4 | error\_reason | Varchar | 30 | Yes | Error message |
| 3 | description | Text |  | Yes | description about error reason |