# Title: CPQ Schemas

**1) Table Name: `products`**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | bigint(20) | Product Id | AUTO\_INCREMENT |
| account\_id | bigint(20) | Account Id |  |
| name | varchar(255) | Name of the product |  |
| category | bigint(20) | Product Category Id |  |
| product\_code | int(11) | Product Code |  |
| sku\_number | varchar(255) | Stock Keeping Unit Number |  |
| parent\_product | bigint(20) | Id of the parent product |  |
| valid\_till | datetime | Validity date |  |
| is\_active | tinyint(1) | Active status |  |
| owner\_id | bigint(20 | Owner Id |  |
| creater\_id | bigint(20 | Creator Id |  |
| updater\_id | bigint(20 | Updater Id |  |
| is\_deleted | tinyint(1) | Deletion status |  |
| created\_at | datetime(6) | Creation Time |  |
| updated\_at | datetime(6) | Updation time |  |
| pricing\_type | TINYINT | Pricing type | one\_time, subscription |

**PRIMARY KEY (`id`)**

**2) Table Name: `product\_custom\_field1`**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | bigint(20) | Product Custom Field Id | AUTO\_INCREMENT |
| account\_id | bigint(20) | Account Id |  |
| product\_id | bigint(20) | Product Id |  |
| product\_form\_id | bigint(20) | Product Form Id |  |
| created\_at | datetime(6) | Creation Time |  |
| updated\_at | datetime(6) | Updation time |  |
| cf\_boolean01 - cf\_boolean70 | tinyint(1) | Boolean custom Fields (70) |  |
| cf\_datetime01 -  cf\_datetime70 | datetime | Datetime Custom Fields (70) |  |
| cf\_decimal01-  cf\_decimal70 | decimal(15,4) | Numerical  Custom Fields (70) |  |
| cf\_str01 - cf\_str70 | varchar(255) | Text Custom Fields (70) |  |
| cf\_text01 -  cf\_text20 | text | Paragraph Custom Fields (20) |  |
| cf\_bigint01 - cf\_bigint70 | bigint(20) | DropDown/Radio  Custom Fields (70) |  |

PRIMARY KEY (`id`),  
UNIQUE KEY `index\_pcf1\_on\_account\_and\_product\_form\_and\_product` (`account\_id`,`product\_form\_id`,`product\_id`,`id`),  
KEY `index\_pcf1\_on\_account\_id\_and\_product\_id` (`account\_id`,`product\_id`),  
KEY `index\_pcf1\_on\_account\_id\_and\_product\_form\_id` (`account\_id`,`product\_form\_id`)

**3) Table Name: `product\_custom\_field2`**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | bigint(20) | Product Custom Field Id | AUTO\_INCREMENT |
| account\_id | bigint(20) | Account Id |  |
| product\_id | bigint(20) | Product Id |  |
| product\_form\_id | bigint(20) | Product Form Id |  |
| created\_at | datetime(6) | Creation Time |  |
| updated\_at | datetime(6) | Updation time |  |
| cf\_str01 - cf\_str70 | varchar(255) | Text Custom Fields (70) |  |
| cf\_text01 -  cf\_text20 | text | Paragraph Custom Fields (20) |  |

PRIMARY KEY (`id`),  
UNIQUE KEY `index\_pcf2\_on\_account\_and\_product\_form\_and\_product` (`account\_id`,`product\_form\_id`,`product\_id`,`id`),  
KEY `index\_pcf2\_on\_account\_id\_and\_product\_id` (`account\_id`,`product\_id`),  
KEY `index\_pcf2\_on\_account\_id\_and\_product\_form\_id` (`account\_id`,`product\_form\_id`)

4) **Table\_name: cpq\_forms**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | bigint(20) | Product Custom Field Id | AUTO\_INCREMENT |
| account\_id | bigint(20) | Account Id |  |
| form\_options | text |  |  |
| name | varchar(255) | Form name |  |
| type | varchar(255) | Form type |  |
| version | int(11) | Form version |  |
| service\_form\_id | varchar(255) | Form Id |  |
| created\_at | datetime(6) | Creation Time |  |
| updated\_at | datetime(6) | Updation time |  |

PRIMARY KEY (`id`),  
KEY `index\_cpq\_forms\_on\_account\_id\_and\_type` (`account\_id`,`type`)

**5) Table\_name: product\_pricings**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | bigint(20) | Product Pricing Id | AUTO\_INCREMENT |
| account\_id | bigint(20) |  |  |
| currency\_code | VARCHAR(255) | Currency code of the currency used | USD, INR |
| product\_id | bigint(20) |  |  |
| unit\_price | DECIMAL(5,2) |  |  |
| setup\_fee | DECIMAL(5,2) |  |  |
| billing\_type | tinyint(3) | Subscription Type |  |
| billing\_cycle | tinyint(3) | Subscription Cycle |  |

PRIMARY KEY (`id`),  
KEY `index\_product\_pricings\_on\_account\_id\_and\_product\_id` (`account\_id`,`product\_id`)

**6) Table\_name: deal\_product\_associations**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | bigint(20) | Product Pricing Id | AUTO\_INCREMENT |
| account\_id | bigint(20) | Account Id |  |
| deal\_id | bigint(20) | Deal Id |  |
| product\_id | bigint(20) |  |  |
| unit\_price | decimal(15,2) | Unit Product Price |  |
| setup\_fee | decimal(15,2) | Product Setup fee |  |
| billing\_type | smallint(6) | { monthly: 1,  quarterly: 2,  half\_yearly: 3,  annually: 4 } |  |
| billing\_cycle | smallint(6) | Number of cycles for the recurring subscription.  NULL is unlimited |  |
| currency\_code | varchar(255) | Currency |  |
| quantity | int(11) | Quantity of product Purchased |  |
| created\_at | datetime |  |  |
| updated\_at | datetime |  |  |
| discount | decimal(5,2) | Discount Applied |  |
| status | int(11) | Deal product association status |  |
| total\_base\_currency\_price | decimal(15,2) | Total price in deal base currency |  |

PRIMARY KEY (`id`),  
KEY `index\_on\_account\_deal\_product` (`account\_id`,`deal\_id`,`product\_id`)

7) **Table\_name: cpq\_documents**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | BIGINT(20) | cpq document id | AUTO\_INCREMENT |
| account\_id | BIGINT(20) | Account Id |  |
| display\_id | BIGINT(20) | CpqDocument number |  |
| display\_id\_prefix | VARCHAR(255) | CpqDocument number prefix |  |
| deal\_id | BIGINT(20) | lookup field of deal type | mandatory |
| contact\_id | BIGINT(20) | lookup field of contact type | mandatory |
| sales\_account\_id | BIGINT(20) | lookup field of Sales Account type |  |
| document\_type | BIGINT(20) | Cpq Document type Id | dropdown field |
| stage | BIGINT(20) | Cpq Document stage Id | dropdown field |
| territory\_id | BIGINT(20) | Cpq Document Territory id |  |
| valid\_till | DATETIME(6) | Valid till |  |
| shipping\_address | VARCHAR(1000) | Shipping Address |  |
| shipping\_city | VARCHAR(255) | Shipping City |  |
| shipping\_state | VARCHAR(255) | Shipping State |  |
| shipping\_zipcode | VARCHAR(255) | Shipping Zipcode |  |
| shipping\_country | VARCHAR(255) | Shipping Country |  |
| billing\_address | VARCHAR(1000) | Billing Address | mapped to primary contact address |
| billing\_city | VARCHAR(255) | Billing City | mapped to primary contact city |
| billing\_state | VARCHAR(255) | Billing State | mapped to primary contact state |
| billing\_zipcode | VARCHAR(255) | Billing Zipcode | mapped to primary contact zipcode |
| billing\_country | VARCHAR(255) | Billing Country | mapped to primary contact country |
| owner\_id | BIGINT(20) | Owner Id |  |
| amount | DECIMAL(15,2) | CpqDocument Value | mapped to Deal Value |
| currency\_code | VARCHAR(255) | CpqDocument currency | mapped to Deal currency |
| base\_currency\_amount | DECIMAL(19,4) | CpqDocument in base currency | mapped to Deal Value in base currency |
| is\_deleted | TINYINT(1) | Deletion Status |  |
| creater\_id | BIGINT(20) | Creator Id |  |
| updater\_id | BIGINT(20) | Updater Id |  |
| created\_at | DATETIME(6) | Creation Time |  |
| updated\_at | DATETIME(6) | Updation Time |  |

**PRIMARY KEY (`id`)**

UNIQUE KEY `index\_cpq\_documents\_on\_account\_and\_display\_number` (`account\_id`,`display\_number`),  
INDEX  `index\_cpq\_documents\_on\_account\_id\_and\_id` (`account\_id`, `id`)

**8) Table Name: `cpq\_document\_custom\_field1`**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | bigint(20) | CpqDocument Custom Field Id | AUTO\_INCREMENT |
| account\_id | bigint(20) | Account Id |  |
| cpq\_document\_id | bigint(20) | Cpq Document Id |  |
| cpq\_document\_form\_id | bigint(20) | CpqDocument Form Id |  |
| created\_at | datetime(6) | Creation Time |  |
| updated\_at | datetime(6) | Updation time |  |
| cf\_boolean01 - cf\_boolean70 | tinyint(1) | Boolean custom Fields (70) |  |
| cf\_datetime01 -  cf\_datetime70 | datetime | Datetime Custom Fields (70) |  |
| cf\_decimal01-  cf\_decimal70 | decimal(15,4) | Numerical  Custom Fields (70) |  |
| cf\_bigint01 - cf\_bigint70 | bigint(20) | DropDown/Radio  Custom Fields (70) |  |

PRIMARY KEY (`id`),  
UNIQUE KEY `index\_cdcf1\_on\_account\_and\_cpq\_document\_form\_and\_product` (`account\_id`,`cpq\_document\_form\_id`,`cpq\_document\_id`,`id`),  
KEY `index\_cdcf1\_on\_account\_id\_and\_cpq\_document\_id` (`account\_id`,`cpq\_document\_id`),  
KEY `index\_cdcf1\_on\_account\_id\_and\_cpq\_document\_form\_id` (`account\_id`,`cpq\_document\_form\_id`)

**9) Table Name: `cpq\_document\_custom\_field2`**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Type | Description | Remarks |
| id | bigint(20) | Cpq Document Custom Field Id | AUTO\_INCREMENT |
| account\_id | bigint(20) | Account Id |  |
| cpq\_document\_id | bigint(20) | CpqDocument Id |  |
| cpq\_document\_form\_id | bigint(20) | CpqDocument Form Id |  |
| created\_at | datetime(6) | Creation Time |  |
| updated\_at | datetime(6) | Updation time |  |
| cf\_str01 - cf\_str70 | varchar(255) | Text Custom Fields (70) |  |
| cf\_text01 -  cf\_text20 | text | Paragraph Custom Fields (20) |  |

PRIMARY KEY (`id`),  
UNIQUE KEY `index\_cdcf2\_on\_account\_and\_cpq\_document\_form\_and\_cpq\_document` (`account\_id`,`cpq\_document\_form\_id`,`cpq\_document\_id`,`id`),  
KEY `index\_cdcf2\_on\_account\_id\_and\_cpq\_document\_id` (`account\_id`,`cpq\_document\_id`),  
KEY `index\_cdcf2\_on\_account\_id\_and\_cpq\_document\_form\_id` (`account\_id`,`cpq\_document\_form\_id`)