**File Design**

**Admin Table**

Primary Key: aid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| aid | Number | 5 | Admin id |
| a\_uname | Text | 10 | Admin user name |
| a\_pass | Text | 10 | Admin password |
| a\_fname | Text | 15 | Admin first name |
| a\_lname | Text | 20 | Admin last name |
| a\_job\_title | text | 10 | Admin job title |
| a\_email | Text | 20 | Admin email |
| a\_tel | Text | 10 | Admin telephone number |
| Record Size |  | 100 |  |

**Admin-Product Table**

Primary key: aid,pid

Foreign key: aid,pid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| aid | Number | 5 | Admin id |
| pid | Number | 5 | Product id |
| date | Text | 5 | Date managed |
| remark | Text | 10 | Remark detail |
| Record Size |  | 25 |  |

**Product Table**

Primary key: pid

Foreign Key: sid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| pid | Number | 5 | Product id |
| sid | Number | 5 | Supplier id |
| p\_name | Text | 15 | Product name |
| p\_desc | Text | 150 | Product description |
| p\_qty | Number | 5 | Product quantity |
| p\_catagory | Text | 15 | Product catagory |
| p\_size | Text | 10 | Product size |
| p\_color | Text | 10 | Product color |
| p\_img | Text | 50 | Product image |
| Record Size |  | 265 |  |

**Product-Order Table**

Primary key: oid ,pid

Foreign key: oid ,pid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| oid | Number | 5 | Order id |
| pid | Number | 5 | Product id |
| o\_qty | Number | 2 | Order product quantity |
| Record Size |  | 12 |  |

**Order Table**

Primary key: oid

Foreign key: smid, cid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| oid | Number | 5 | Order id |
| cid | Number | 5 | Customer id |
| smid | Number | 5 | Shipping method id |
| o\_status | Text | 15 | Order status |
| o\_total\_price | Number | 6 | Order total price |
| o\_date | Date |  | Order date |
| Record Size |  | 36 |  |

**Supplier table**

Primary kay: sid

Foreign key:

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| sid | Number | 5 | Supplier id |
| s\_uname | Text | 10 | Supplier user name |
| s\_pass | Text | 10 | Supplier password |
| s\_email | Text | 20 | Supplier email |
| s\_tel | Text | 10 | Supplier telephone number |
| s\_fname | Text | 20 | Supplier first name |
| s\_lname | Text | 20 | Supplier last name |
| company\_name | Text | 30 | Company name |
| company\_size | Text | 20 | Company size |
| Record size |  | 145 |  |

**Commission Table**

Primary key: cmid

Foreign key: aid, sid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| cmid | Number | 5 | Commission id |
| aid | Number | 5 | Admin id |
| sid | Number | 5 | Supplier id |
| cm\_status | Text | 15 | Commission status |
| cm\_date | Date |  | Commission date |
| cm\_price | Number | 4 | Commission price |
| cm\_month | Text | 10 | Commission Month |
| Record size |  | 44 |  |

**Employee Table**

Primary key: eid

Foreign key: aid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| eid | Number | 5 | Employee id |
| aid | Number | 5 | Admin id |
| e\_uname | Text | 10 | Employee user name |
| e\_fname | Text | 10 | Employee first name |
| e\_lname | Text | 20 | Employee last name |
| e\_pass | Text | 20 | Employee password |
| e\_email | Text | 20 | Employee email |
| e\_job\_role | Text | 15 | Employee job role |
| e\_tel | Text | 10 | Employee telephone number |
| Record size |  | 115 |  |

**Cart Table**

Primary key: ctid

Foreign key: cid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| ctid | Number | 5 | Cart id |
| cid | Number | 5 | Customer id |
| ct\_date | Date |  | Cart created date |
| ct\_u\_date | Date |  | Cart last updated date |
| ct\_status | Text | 15 | Cart status |
| ct\_total\_items | Number | 2 | Cart total items |
| ct\_total\_price | Number | 6 | Cart total price |
| Record size |  | 33 |  |

**Product-Cart Table**

Primary key: ctid ,pid

Foreign key: ctid, pid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| ctid | Number | 5 | Cart id |
| pid | Number | 5 | Product id |
| c\_qty | Numeber | 2 | Cart quantity |
| Record size |  | 12 |  |

**Customer Table**

Primary key: cid

Foreign key:

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| cid | Number | 5 | Customer id |
| c\_uname | Text | 10 | Customer user name |
| c\_pass | Text | 10 | Customer password |
| c\_fname | Text | 20 | Customer first name |
| c\_lname | Text | 20 | Customer last name |
| c\_email | Text | 20 | Customer email |
| c\_tel | Text | 10 | Customer telephone number |
| st\_no | Text | 5 | Street number |
| st\_name | Text | 15 | Street name |
| city | Text | 15 | City |
| province | Text | 15 | Province |
| zip | Text | 5 | Zip code |
| Record size |  | 150 |  |

**Complaint table**

Primary key: cmpid

Foreign key: cid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| cmpid | Number | 5 | Complaint id |
| cid | Number | 5 | Customer id |
| cmp\_title | Text | 20 | Complaint title |
| cmp\_desc | Text | 200 | Complaint description |
| cmp\_subdate | Date |  | Complaint submitted date |
| is\_checked | Boolean |  | Is complaint checked |
| Record size |  | 230 |  |

**Payment\_Method Table**

Primary key: pmid

Foreign key: cid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| pmid | Number | 5 | Payment method id |
| cid | Number | 5 | Customer id |
| pm\_type | Text | 15 | Payment method type |
| is\_default | Boolean | 5 | Is payment method default |
| Record size |  | 30 |  |

**Shipping\_Method Table**

Primary key: smid

Foreign key:

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| smid | Number | 5 | Shipping method id |
| sm\_name | Text | 10 | Shipping method name |
| sm\_price | Number | 4 | Shipping method price |
| Record Size |  | 19 |  |

**Return Table**

Primary key: rid

Foreign key: oid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| rid | Number | 5 | Return id |
| oid | Number | 5 | Order id |
| r\_date | date |  | Returned date |
| reason | Text | 30 | Returned reason |
| r\_condition | Text | 10 | Return condition |
| refund\_status | Boolean |  | Refund status |
| refund\_amount | Number | 6 | Refund amount |
| Record Size |  | 56 |  |

**Report Table**

Primary key: rpid

Foreign key: uid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| rpid | Number | 5 | Report id |
| uid | Number | 5 | User id |
| rp\_type | Text | 15 | Report type |
| rp\_desc | Text | 50 | Report description |
| Record Size |  | 75 |  |

**Promotion Table**

Primary key: pmid

Foreign key: pid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| pmid | Number | 5 | Promotion id |
| pid | Number | 5 | Product id |
| pm\_name | Text | 15 | Promotion name |
| pm\_desc | Text | 30 | Promotion description |
| s\_date | date |  | Start date |
| e\_date | date |  | End date |
| d\_rate | Number | 2 | Discount rate |
| Record Size |  | 57 |  |

**Category Table**

Primary key: cat\_name

Foreign key: catid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| catid | Number | 5 | category id |
| cat\_name | Number | 5 | Category name |
| Record Size |  | 10 |  |

**Product-category Table**

Primary key: catid ,pid

Foreign key: catid, pid

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Data Size | Description |
| pid | Number | 5 | Product Id |
| catid | Number | 5 | Category Id |
| Record size |  | 10 |  |