**Schema name: sp\_it**

**Table Name:** users

**Description:** Stores all user information

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| userid | INT | Primary Key, Auto-Increment |
| username | VARCHAR(45) | Not Null, Unique |
| email | VARCHAR(255) | Not Null, Unique |
| password | VARCHAR(45) | Not Null |
| contact | VARCHAR(8) | Not Null |
| type | VARCHAR(8) | Not Null |
| profile\_pic\_url | TEXT | Nullable, Default: NULL |
| created\_at | TIMESTAMP | Not Null, Default: CURRNT\_TIMESTAMP |

**Foreign keys:**

None

**Table Name:** category

**Description:** Stores all categories

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| categoryid | INT | Primary Key, Auto-Increment |
| category | VARCHAR(255) | Not Null, Unique |
| description | VARCHAR(255) | Not Null |

**Foreign keys:**

None

**Table Name:** products

**Description:** Stores all products

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| productid | INT | Primary Key, Auto-Increment |
| name | VARCHAR(255) | Not Null, Unique |
| description | VARCHAR(255) | Not Null |
| categoryid | INT | Nullable, Default: NULL |
| brand | VARCHAR(255) | Not Null |
| price | DOUBLE | Not Null |

**Foreign keys:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Foreign key name** | **Referenced Table** | **Source column** | **Referenced column** |
| fk\_categoryid | category | categoryid | categoryid |

**Table Name:** reviews

**Description:** Stores all reviews for a product

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| reviewid | INT | Primary Key, Auto-Increment |
| productid | INT | Not Null |
| userid | INT | Not Null |
| rating | INT | Not Null |
| review | VARCHAR(255) | Not Null |
| created\_at | TIMESTAMP | Not Null, Default: CURRNT\_TIMESTAMP |

**Foreign keys:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Foreign key name** | **Referenced Table** | **Source column** | **Referenced column** |
| fk\_productid | products | productid | productid |
| fk\_userid | users | userid | userid |

**Table Name:** interest

**Description:** Stores user’s interests in categories

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| interestid | INT | Primary Key, Auto-Increment |
| userid | INT | Not Null |
| categoryid | INT | Not Null |

**Foreign keys:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Foreign key name** | **Referenced Table** | **Source column** | **Referenced column** |
| fk\_interest\_categoryid | category | categoryid | categoryid |
| fk\_interest\_userid | users | userid | userid |

**Table Name:** product\_images

**Description:** Stores information of images for a product

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| imageid | INT | Primary Key, Auto-Increment |
| productid | INT | Not Null |
| url | TEXT | Not Null |
| public\_id | TEXT | Not Null |
| date\_created | TIMESTAMP | Not Null, Default: CURRNT\_TIMESTAMP |

**Foreign keys:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Foreign key name** | **Referenced Table** | **Source column** | **Referenced column** |
| fk\_productid\_img | products | productid | productid |

**Table Name:** profile\_picture\_images

**Description:** Stores information of images for users

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| profilepicid | INT | Primary Key, Auto-Increment |
| userid | INT | Not Null |
| url | TEXT | Not Null |
| public\_id | TEXT | Not Null |
| created\_at | TIMESTAMP | Not Null, Default: CURRNT\_TIMESTAMP |

**Foreign keys:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Foreign key name** | **Referenced Table** | **Source column** | **Referenced column** |
| fk\_pfp\_userid | users | userid | userid |

**Table Name:** discount\_amount

**Description:** Stores discount amounts

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| discount\_amount\_id | INT | Primary Key, Auto-Increment |
| discount\_description | VARCHAR(100) | Not Null |
| discount\_amt | DOUBLE | Not Null |
| discount\_type | VARCHAR(1) | Not Null |

**Foreign keys:**

None

**Table Name:** discount\_dates

**Description:** Stores discount dates/promotional periods

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| discount\_date\_id | INT | Primary Key, Auto-Increment |
| from | TIMESTAMP | Not Null |
| to | TIMESTAMP | Not Null |

**Foreign keys:**

None

**Table Name:** discounts

**Description:** Stores user’s interests in categories

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Note** |
| discount\_id | INT | Primary Key, Auto-Increment |
| productid | INT | Not Null |
| discount\_amount\_id | INT | Not Null |
| discount\_date\_id | INT | Not Null |

**Foreign keys:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Foreign key name** | **Referenced Table** | **Source column** | **Referenced column** |
| fk\_amount | discount\_amount | discount\_amount\_id | discount\_amount\_id |
| fk\_date | discount\_dates | discount\_date\_id | discount\_date\_id |
| fk\_product\_id\_discount | products | productid | productid |