Table Name : Lists

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Length | Constraints, Attributes |
| Listid | Integer | Default | **Primary Key, Autoincrement** |
| Listname | Varchar | 10 | **Not Null, Unique** |
| Description | Text | Default |  |
| Status | Varchar | 10 | Not Null |

Table Name : Cards

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Length | Constraints, Attributes |
| Cardid | Integer | Default | **Primary Key, Autoincrement** |
| Listid | Integer | Default | **Foreign Key** |
| Cardname | Varchar | 10 | **Not Null, Unique** |
| Description | Text | Default |  |
| Duedate | Date | Default |  |
| Status | Varchar | 10 | Not Null |

Table Name : Users

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Length | Constraints, Attributes |
| Username | Varchar | 10 | **Not Null, Unique** |
| Password | Varchar | 10 |  |
| Email | Varchar | 30 | Not Null |

DDLs

CREATE TABLE "Users" (

"username" varchar(10) NOT NULL UNIQUE,

"password" varchar(10),

"email" varchar(30) NOT NULL

);

CREATE TABLE "Lists" (

"listid" integer,

"listname" varchar(10) NOT NULL UNIQUE,

"description" TEXT,

"status" varchar(10) NOT NULL,

PRIMARY KEY("listid" AUTOINCREMENT)

);

CREATE TABLE "Cards" (

"cardid" integer,

"listid" integer NOT NULL,

"cardname" varchar(10) NOT NULL,

"description" TEXT,

"status" varchar(10) NOT NULL,

FOREIGN KEY("listid") REFERENCES "Lists"("listid") ON DELETE CASCADE,

PRIMARY KEY("cardid" AUTOINCREMENT)

);