**Employee Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| emp\_id | VARCHAR | 45 | Primary Key |
| emp job | VARCHAR | 45 | Not Null |
| emp\_fname | VARCHAR | 45 | Not Null |
| emp\_lname | VARCHAR | 45 | Not Null |
| emp\_mname | VARCHAR | 45 | Not Null |
| email | VARCHAR | 45 | Not Null |

**Registrar Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| emp\_id | INT | 0 | Primary Key |
| emp\_job | VARCHAR | 45 | Not Null |

**Transaction Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| trans\_num | INT | 0 | Primary Key |
| emp\_id | INT | 0 | Not Null |
| trans\_doc | INT | 0 | Not Null |
| trans\_date | DATE | 0 | Not Null |

**Teacher Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| emp\_id | INT | 0 | Primary Key |
| emp\_job | INT | 0 | Not Null |

**Subject Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| sub\_id | INT | 0 | Primary Key |
| sub\_name | VARCHAR | 45 | Not Null |
| sub\_teach | INT | 0 | Not Null |
| sub\_time | VARCHAR | 45 | Not Null |

**Quarter Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| quarter\_id | INT | 0 | Primary Key |
| quarter | VARCHAR | 45 | Not Null |
| quart\_start\_period | VARCHAR | 45 | Not Null |
| quart\_end\_period | VARCHAR | 45 | Not Null |

**Grade Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| sub\_id | INT | 0 | Primary Key |
| quarter\_id | INT | 0 | Not Null |
| grade | INT | 0 | Not Null |
| stud\_id | INT | 0 | Not Null |

**Schedule Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| sched\_id | INT | 0 | Primary Key |
| sub\_name | VARCHAR | 45 | Not Null |
| sub\_time | VARCHAR | 45 | Not Null |
| sec\_name | VARCHAR | 45 | Not Null |

**Document Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| doc\_id | INT | 0 | Primary Key |
| doc\_name | VARCHAR | 45 | Not Null |

**Student Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| stud\_id | INT | 0 | Primary Key |
| stud\_fname | VARCHAR | 45 | Not Null |
| stud\_lname | VARCHAR | 45 | Not Null |
| stud\_mname | VARCHAR | 45 | Not Null |
| sec\_id | INT | 0 | Not Null |
| email | VARCHAR | 45 | Not Null |

**Section Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| sec\_id | INT | 0 | Primary Key |
| class\_list\_id | INT | 0 | Not Null |
| sec\_name | VARCHAR | 45 | Not Null |

**List of Grade Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Field Length | Constraint |
| grade\_list\_id | INT | 0 | Primary Key |
| sub\_id | INT | 0 | Not Null |
| quarter\_id | INT | 0 | Not Null |
| grade | VARCHAR | 45 | Not Null |
| stud\_id | INT | 0 | Not Null |