|  |  |  |
| --- | --- | --- |
| **Attribute** | **Type** | **Key** |
| SSN | CHAR | Primary Key |
| FName | VARCHAR |  |
| LName | VARCHAR |  |
| BirthDate | DATE |  |
| Gender | VARCHAR |  |
| DNUM | INT | Forring Key |

**Employee Table:**

**Department Table:**

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Key |
| SSN | Char | Primary Key |
|  |  |  |
| LName | VARCHAR |  |
|  | DATE |  |
| Gender | VARCHAR |  |
| DNUM | INT | Forring Key |

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Key |
| DNUM | INT | Primary Key |
| DName | VARCHAR |  |

**Department\_Location Table:**

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Key |
| DNUM | INT | Foreign Key |
| Location | VARCHAR | Composite Key |

**Project Table:**

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Key |
| PNumber | INT |  |
| PName | VARCHAR |  |
| Location | VARCHAR |  |
| City | VARCHAR |  |
| DNUM | INT | Foreign Key |

**Dependent Table:**

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Key |
| SSN | CHAR | Foreign Key |
| DependentName | VARCHAR | Composite Primary |
| Gender | VARCHAR |  |
| BirthDate | DATE |  |

**Works\_On Table:**

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Key |
| SSN | CHAR | Composite Primary Key |
| PNumber | INT | Composite Primary Key |
| WorkingHours | DECIMAL |  |

**Manages Table:**

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Key |
| SSN | CHAR | Composite Primary Key |
| DNUM | INT | Composite Primary Key |
| HireDate | DATE |  |

**Supervises Table:**

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Key |
| SupervisorSSN | CHAR | Composite Primary Key |
| SubordinateSSN | CHAR | Composite Primary Key |