# ERD Mapping

# Department Table

|  |  |  |
| --- | --- | --- |
| **Column** | **Data Type** | **Key** |
| DNum | INT (integer) | Primary Key |
| DName | VARCHAR |  |
| Location | VARCHAR |  |
| HireDate | DATE |  |
| ManagerSSN | VARCHAR | Foreign Key |

# Employee Table

|  |  |  |
| --- | --- | --- |
| **Column** | **Data Type** | **Key** |
| SSN | VARCHAR | Primary Key |
| FName | VARCHAR |  |
| LName | VARCHAR |  |
| BDate | DATE |  |
| Gender | CHAR |  |
| DNum | INT(integer) | Foreign Key |

# Project Table

|  |  |  |
| --- | --- | --- |
| **Column** | **Data Type** | **Key** |
| PNumber | INT (integer) | Primary Key |
| PName | VARCHAR |  |
| Location | VARCHAR |  |
| City | VARCHAR |  |
| DNum | INT (integer) | Foreign Key |

# Works\_On Table

|  |  |  |
| --- | --- | --- |
| **Column** | **Data Type** | **Key** |
| SSN | VARCHAR | Foreign Key |
| PNumber | INT (integer) | Foreign Key |
| WHours | INT (integer) |  |

# Dependent Table

|  |  |  |
| --- | --- | --- |
| **Column** | **Data Type** | **Key** |
| SSN | VARCHAR | Foreign Key |
| DName | VARCHAR |  |
| Gender | CHAR |  |
| BDate | DATE |  |