|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table Name:** | | | | **Pokémon** | | | |
| **Key** | **Field** | **Data Type** | **Size** | | **Required?** | **Description** | **Sample Data** |
| PK | pokeID | Auto ID |  | | yes | Pokémon Identification assigned number | 1 |
|  | pokeName | string | 3-30 | | yes | Pokémon Name | Abra |
| Unique | pokeNo | int | 1-3 | | yes | Pokémon in-game number | 63 |
|  | pokeDesc | string | 5-200 | | no | Pokémon in-game description | “The Psychic Pokémon.” |
| FK | typeID | number | 1-3 | | no | Foreign key to Pokémon type(s) | 1 |
| FK | routesID | number | 1-3 | | no | Foreign Key to Pokémon routes(s) | 1 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table Name:** | | | | | **Types** | | |
| **Key** | **Field** | **Data Type** | **Size** | **Required?** | | **Description** | **Sample Data** |
| PK | typeID | Auto ID |  | yes | | Type Identification assigned number | 1 |
| Unique | typeName | string | 3-20 | yes | | Type Name | Fire-Electric |
|  | typeOne | string | 20 | No | | Type One | Fire |
|  | typeTwo | string | 20 | no | | Type Two | Electric |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Table Name:** | | | | **Region** | | |
| **Key** | **Field** | **Data Type** | **Size** | **Required?** | **Description** | **Sample Data** |
| PK | regionID | Auto ID |  | Yes | Region Identification assigned Number | 1 |
| Unique | regionName | string | 3-10 | yes | Region name | Kanto |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table Name:** | | | | | **Route** | | |
| **Key** | **Field** | **Data Type** | **Size** | **Required?** | | **Description** | **Sample Data** |
| PK | RouteID | Auto ID |  | Yes | | Location Identification assigned number | 1 |
| Unique | RouteName | String | 4-20 | Yes | | Location Name | Route 53 |
| FK | regionID | number |  | Yes | | Foreign Key to Region table | 1 |

**Types**

typeID - PK

typeName - UQ

typeOne

typeTwo

**Region**

regionID - PK

regionName - UQ

**Routes**

routeID - PK

routeName - UQ

RegionID – FK

**Pokémon**

pokeID - PK

pokeName

pokeNo - UQ

pokeDesc

typeID – FK

routeID – FK