Field Descriptions

Equipment Table

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| EquipmentID | VARCHAR | This is the primary key for the table that is a unique identifier for each equipment across all locations. |
| EquipmentType | TEXT | This indicates what the equipment is. Examples include fire extinguisher, eye wash station,etc. |
| City | TEXT | This will identify which city the equipment is located. |
| Building | INT | This stores the building number the equipment is in if the location has multiple buildings |
| Floor? | TEXT | If we choose to include this in our database, it will specify on what floor in the building the equipment is located. |

Inspection Table

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| InspectionID | VARCHAR | This is the primary key that gives a specific id for each inspection. |
| EquipmentID | VARCHAR | This is the foreign key for the table that is the related the EquipmentID from the equipment table |
| LastInspectionDate | DATE | This field stores the last date the equipment was inspected. This will be coded to be updated every time a new inspection has happened. |
| Inspection Result | TEXT | This will store if the equipment passed its most recent inspection. This field will either have pass or fail. |
| ReviewerID | VARCHAR | This is a foreign key that relates to the EmployeeID in the employee table. This stores the id of the person that inspected the equipment so there a way to contact the inspector for more information. |

Employee Table

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| EmployeeID | VARCHAR | This is the primary key for the table that is a unique identifier for each of the employees that work at each location that would have the job of inspecting the equipment. |
| FirstName | TEXT | This stores the first name of the employee. |
| LastName | TEXT | This stores the last name of the employee. |
| Email | VARCHAR | This stores the email of the employee to have a way to contact them if needed. |

Questions Table

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| QuestionID | VARCHAR | This is the primary key that is a unique identifier for each question. |
| EquipmentType | TEXT | This is a foreign key that connects to the EquipmentType in the Equipment table. Since the questions are based on the item, this is important to specify. |
| QuestionNumber | INT | This stores the number of the question |
| Question | VARCHAR | This stores what the question is that is being asked in the form. |

Answers Table

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Description |
| AnswerID | VARCHAR | This is a primary key that will indicate a unique identifier for each response. |
| EquipmentID | VARCHAR | This is the foreign key for the table that is the related the EquipmentID from the equipment table. This is used to specify the answers for each equipment. |
| QuestionNumber | INT | This stores the question number that is being analyzed. |
| Response | VARCHAR | This stores the response that was given for the particular question number. |