# Projects

|  |  |  |
| --- | --- | --- |
| **Column** | **Format** | **Description** |
| Id | Text | The ID that identifies the project |
| ProjectName | Text | A unique name given to the project by the user. Displayed on the scan list |
| ProjectLocation | Text | The location of the project on the local computer |
| ProjectLanguage | Text | The programming language that project is written in |
| ProjectBuildTool | Text | The build tool used to create the project |

The projects table in the database will map to the scans table. A project can have many scans. The expected flow is that a user selects a project, then is able to load a list of scans to select.

# Scans

|  |  |  |
| --- | --- | --- |
| **Column** | **Format** | **Description** |
| ScanId | Text | This contains a unique ID for scans of a project |
| ProjectId | Text | Creates a mapping between scans and projects |

This table exists as an intermediary table to map scans to projects and keep a primary key in each table.

# ScanResults

|  |  |  |
| --- | --- | --- |
| **Column** | **Format** | **Description** |
| ScanId | Text | Creates a mapping between Scans and ScanResults |
| ProductName | Text | The name of the product found in the project |
| ImportName | Text | The import line used for the language |
| versionNumber | Text | The version number of the product found |
| ImportsInProject | Text | A count of the number of import references found in the project |
| ImportId | Text | An ID to map the product to a list of import locations in the project |
| CveID | Text | An ID to map the product to a list of CVEs found in the product |
| CveCount | Text | A Count of the number of CVEs that exist for the product |
| CpeId | Text | The CPE mapping for the product |

This table gives aggregate statistics about a scan, as well as important links to more detailed information about the scan.

# imports

|  |  |  |
| --- | --- | --- |
| **Column** | **Format** | **Description** |
| ImportId | Text | Creates a mapping between the ScanResults and Imports table |
| FileName | Text | The name of the file that contains the import for the product |
| FileLocation | Text | The location of the file on the local drive that contains the product |
| LineNumberReference | Text | The line where the reference is found |

This table gives information about where a product is used within the project.

# CVEs

|  |  |  |
| --- | --- | --- |
| **Column** | **Format** | **Description** |
| CveId | Text | Creates a mapping between the ScanResults and Cve table |
| CveNumber | Text | The CVE number from NVD |

I’ll add more columns to this as I decide what is relevant to the show the user.

# Cpes

|  |  |  |
| --- | --- | --- |
| **Columns** | **Format** | **Description** |
| CpeId | Text | Creates a mapping between the ScanResults and Cpe table |
| Cpe | Text | The CPE that is associated with the product |