**RFC: ISGEC Vault Definition**

1. Storage Definition
   1. Storage\_ID: Key to uniquely identify Storage definition
   2. Drive Letter
   3. Folder Path
   4. Active
2. File Source Definition
   1. File\_Source\_ID: Key to uniquely identify Source definition
   2. Description: Details of File Source Application or Module
   3. Allow\_Multiple\_File\_ID:
      1. A Boolean value
      2. To configure File Upload user Interface to allow multiple file selection when user selects file for upload.
3. Stored File Definition
   1. File\_ID: Key to uniquely identify stored file definition
   2. Uploaded File Name with File Extension
   3. Uploaded File Size in Bytes
   4. Created On
   5. Created By
   6. Storage\_ID
   7. Disk\_File\_Name: This is unique name given to file when storing it in storage folder.
      1. Unique Name can be created by any logic, we may use

Name = Storage\_ID + ‘\_’ + File\_ID

* 1. File\_Source\_ID: Identify the source Application/Module this file definition belongs.
  2. File\_Source\_Index: Identify the exact record in the source application/module for which this file definition is created. It should be unique value with in source application/module by which ISGEC Vault Application can query to retrieve file definition.
  3. File\_Source\_Index\_SerialNo: This is required to be updated by running number, when more than one file definitions are to be created for File\_Source\_Index, if Allow\_Multiple\_File\_ID is TRUE in File Source.
  4. Is\_Master\_Entry:
     1. A Boolean value.
     2. TRUE: When file definition is created by uploading file for File\_Source\_Index.
     3. FALSE: When file definition is created by copying file definition from one File\_Source\_Index to other File\_Source\_Index.

1. ISGEC Vault Application Interface
   1. Upload/Download Feature:
      1. Parameters:
         * File\_Source\_ID
         * File\_Source\_Index
         * Is\_Editable: A Boolean value to control user interface
           1. TRUE: Upload File, Download file, Delete File have to be enabled.
           2. FALSE: Only Download File has to be enabled.
      2. User Interface to support:
         * Upload file
         * Download file
         * Delete file
   2. Copy File Definition from one File\_Source\_Index to an other File\_Source\_Index
      1. Parameters:
         * From File\_Source\_ID
         * From File\_Source\_Index
         * To File\_Source\_ID
         * To File\_Source\_Index
      2. Returns: Success / Failed
   3. Delete File Definition:
      1. If Is\_Master\_Entry is FALSE, then it deletes the file definition only
      2. If Is\_Master\_Entry is TRUE, then it counts for Disk\_File\_Name where Is\_Master\_Entry is FALSE, if count is ZERO, then it deletes file definition as well as file from disk. If count is greater than ZERO, it throws referential integrity Error.