FILE STRUCTURE WITH DEPENDENCIES

Below is the output of the project:

```
===============================================================================
                                TYPE TABLE
===============================================================================


  Type: namespace
  Name of the type: Global Namespace
  File Name (with absolute path): NULL
  Namespace to which it belongs: Global Namespace
-------------------------------------------------------------------------------


  Type: struct
  Name of the type: x
  File Name (with absolute path):
       S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
  Namespace to which it belongs: Global Namespace
-------------------------------------------------------------------------------


  Type: class
  Name of the type: FileB
  File Name (with absolute path):
       S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileB.h
  Namespace to which it belongs: Global Namespace
-------------------------------------------------------------------------------
```

```
  Type: Global function
  Name of the type: abc
  File Name (with absolute path):
        S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
  Namespace to which it belongs: Global Namespace
--------------------------------------------------------------------------


  Type: namespace
  Name of the type: TestA
  File Name (with absolute path):
        S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
  Namespace to which it belongs: Global Namespace
--------------------------------------------------------------------------


  Type: Global function
  Name of the type: def
  File Name (with absolute path):
        S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
  Namespace to which it belongs: TestA
--------------------------------------------------------------------------


  Type: class
  Name of the type: FileC
  File Name (with absolute path):
        S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h
  Namespace to which it belongs: TestC
--------------------------------------------------------------------------


  Type: Global function
  Name of the type: xyz
  File Name (with absolute path):
        S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h
  Namespace to which it belongs: Global Namespace
--------------------------------------------------------------------------


  Type: enum
  Name of the type: Color
  File Name (with absolute path):
        S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
  Namespace to which it belongs: TestA
--------------------------------------------------------------------------


  Type: class
  Name of the type: FileA
  File Name (with absolute path):
        S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
  Namespace to which it belongs: TestA
--------------------------------------------------------------------------
```

```
Type: class
Name of the type: FileA
File Name (with absolute path):
      S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h
Namespace to which it belongs: TestC
-------------------------------------------------------------------------


Type: namespace
Name of the type: TestC
File Name (with absolute path):
      S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h
Namespace to which it belongs: Global Namespace
-------------------------------------------------------------------------


Type: Global function
Name of the type: pqr
File Name (with absolute path):
      S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h
Namespace to which it belongs: TestC
-------------------------------------------------------------------------


Type: class
Name of the type: FileD
File Name (with absolute path):
      S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileD.h
Namespace to which it belongs: Global Namespace
-------------------------------------------------------------------------
```

```
================================================================================
                    DEPENDENCY TABLE

================================================================================

 FileName: S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
   Dependencies: S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileB.h
                 S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h


 --------------------------------------------------------------------------

 FileName: S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileB.h
   Dependencies: S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h


 --------------------------------------------------------------------------
 FileName: S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h
   Dependencies: S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
                 S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileD.h


 --------------------------------------------------------------------------

 FileName: S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileD.h
   Dependencies: No External Dependencies!!

 --------------------------------------------------------------------------


 ----------------- END OF DEPENDENCY TABLE ----------------------

 -->The Dependencies have been stored to the NoSqlDatabase.

 The database is displayed below: (NoSqlDB Requirement defined in the purpose
section is fulfilled here!!)

    Key      : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
    name     : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
    timeDate : 2017-08-06.18:44:34
    children : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileB.h
               S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h


    Key      : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileB.h
    name     : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileB.h
    timeDate : 2017-08-06.18:44:34
    children : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h


    Key      : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h
    name     : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h
    timeDate : 2017-08-06.18:44:34
    children : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
               S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileD.h
```

```
       Key      : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileD.h
       name     : S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileD.h
       timeDate : 2017-08-06.18:44:34
       children : NULL


===========================================================================
                  STRONG COMPONENTS

===========================================================================

Strong Component 1:  {

S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileD.h
                  }


Strong Component 2:  {

S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileC.h

S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileB.h

S:\OOD\OOD\ForProject2\CodeAnalyzer\FilesToTest\\FileA.h
                  }

================== END OF PROJECT DEMONSTRATION ====================
```