SSIS Project Document

SSIS Lab  
Note: Attach University to your DB Server and then Create New DB “Test”  
Design the Following SSIS Packages:   
 1- Use wizard to Design SSIS Package to transfer Department data From [University DB] to [Test Db].   
Note “before transferring data to [Test db] try to truncate table department”  
 2- Use wizard to Design SSIS Package to transfer Student data (St\_id, St\_Fname, St\_lname, St\_address) From [University DB] to new Delimited file “Student.txt” and set column name as the first row in the file.  
 3- Design SSIS Package to transfer Student data from [University DB] to [Test DB] with the following Criteria:  
 a- If table Student Exists in [Test DB] delete all data. Use [Execute SQL Task Component]  
 b- Merge the first name and last name to be one field [Full name]. use [Derived Column Component]  
 c- Make a full backup for [Test DB]  
 d- On error display message box “error occurred”  
 4- Design SSIS Package to Split Course data from [University DB] into 3 files with the following criteria:  
 a- Select Course data with topic name From University DB  
 b- Sort Course data by Crs\_name Descending. use [Sort Component]  
 c- Crs\_name should appear in lower case. Use [Character Map Component]   
 d- Split Course data into 3 files:   
 i. File1.txt contains Course data with Course Duration<30 hours.  
 ii. File2.txt contains Course data with Course Duration=30 hours.  
 iii. File3.txt contains Course data with Course Duration>30 hours.  
Note: set columns name as first row in the files  
 5- Try to merge the file1.txt and file2.txt to be one file:  
 a- Use [Merge Component]. “Sort by Crs\_name”  
 b- Use [Union Component]