

QUESTION 1

(20 marks)

Student grades management application. In earlier years before technology evolved to today, manual files were used to manage data, but they were also replaced by software file systems. Text files are also used to store information even in the current era of advanced technology of data management through database systems which replaced software file systems, one of advantages is that data access is considerably higher through flat files such as txt files.

1.1 Create an application that enables the user to create a file named grades.txt in which to store grades. The app should allow the user to write to grades.txt file: student number, student name, surname, subject, individual assignment grade, group assignment grade, test grade. (20)

When you click Create button grades.txt should be created in your app Debug folder.

When you click display button the file contents should display on datagridview.

Display at least 10 records.

Use LINQ to read and display file contents to datagridview.

Below is a typical app interface:

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