Requirements include:

1.      Design and implement a User interface in C# that collects Firstname, Lastname, Street Address, State, Zip Code, and Age from a user and saves it to a file. The following guidelines should be used in the design:

a.       Firstname, Lastname, Street Address and Zip Code should be textbox controls whereas State and Age should be either radio or Combobox controls. The control type choice and overall layout and design are up to you.

b.      Buttons should be available to “Save” the data to a file and “Clear” the existing form fields.

c.       If Save is selected, the data should be written (or appended if previous data has been saved) to a file named “MyAddresses.txt”.

d.      If Clear is selected, the textfields should clear their values.

2 The programs should compile and run without errors.

3.      Test the program and provide a list of comprehensive test cases used to validate the application and include these test cases in a word document containing all UML class diagram and descriptions. The test data can be shown in a table that includes input data, expected output, actual output and pass/fail results from the test.