PROBLEM STATEMENT AND REQUIREMENTS

1. Generate a program to store the data of 58 students with any of the 5 properties.

2. The 5 properties used are:-  
 [a] Name   
 [b] USN (USN should be a combination of both digits and character with exactly 10)  
 [c] Gender (Only single character M/F)  
 [d] Dob (Format used is dd/mm/yyyy).  
 [e] Mobile number (Mobile number should be exactly 10 digits)

- Mobile number and USN should be unique.

- All the constraints should be accurate.  
3 The program must run in all extreme conditions.  
  
THE REQUIREMENTS USED TO CODE THE PROGRAM  
  
1. Create a file to store the data (like text files)  
2. Use of structure   
3. Switch case   
4. Loops

5.User Defined Functions

[a] Adding student

[b] Deleting student

[c] Display student

[d] Update student

[e] Exit the program