Validation in my project is used to prevent the system from behaving erratically with erroneous data and this could lead towards corruption of files, data loss etc.

Entering data for AddMeetingPage and EditMeetingPage:

MeetingDate must be between beginning date for academic year and the end of Year 11. It must also be restricted to enabling the user to type only a specific quantity of numbers. Separate boxes are allocated for the day, month and year.

StudentID is assigned to each selectable student. Each StudentID is substituted with student details in the selection, making selection easier for the mentor. There is also no possibility of input error in selecting options, such as spelling errors.

Entering data for AddTargetPage and EditTargetPage:

StudentTarget and MentorTarget have standard text fields. There is no validation in these fields. StudentComment, ParentComment and MentorComment are also standard text fields and have no validation rules.

DateDue cannot have an entry for a date earlier than the current date. This is because any agreed meetings must be prepared and set in advance.

TargetMetYet has a validation rule where effectively two values are accepted: 'y' and 'n'. For this, adding a page will automatically assign the value to 'n'. In EditTargetPage the input may be through option boxes or radio buttons.

MeetingID and TargetID should automatically be inserted into the record upon setting the target and remain the same until it is deleted.

Entering data for AddFilePage

The name of the file is uploaded from a local drive on the host's computer. The system will be able to accept letters, numbers, spaces and underscores. Special characters may not be used due to reduced compatibility amongst systems. If a user chooses to upload a file with unacceptable characters, they are notified with an error instructing them to rename the file so it only contains acceptable characters.

File extensions should be a few letters long. Most extensions are three or four letters long. The proposed system will support between one to four characters. Like FileName, FileExtension will only accept standard characters, such as letters, numerals, spaces and underscores.

File size is automatically uploaded and the validation here is to ensure the uploaded file is less than 5 megabytes in file size. Any sizes at 5MB or above will result in the user being notified in regard to uploading a smaller file.

Entering data for SearchContactPage:

Using name details and form group have been restricted to uppercase and lowercase letters and hyphens only. Each first name and surname may only have one name in each. In the case one member may have several first names, only one may be used in this system. Some users may also have hyphenated surnames (e.g. double-barrelled). Searching for names and form group may have criteria met if any results contain the input values for each field. In the case a user may not know the exact spelling of another's name, part of the name may be input and still obtain the desired result.

Using the ID for any user required the user to enter at maximum a 3-figure integer. Any other input is not processed and returned with an error stating that the user has not input a 1, 2 or a 3-figure integer into the ID box.