1. Expand the outline description of the basic flow to produce a detailed specification of the basic flow.
2. Identify possible alternative flows and for each, provide a description of their flow of events.
3. State any Preconditions and Post conditions for the use case

**task of assigning new students to tutors**

This use case would only be carried out by the administrator, the flow of this use case would be; the students are imported in from the ‘Student List.csv’ file. This will allow the system to access their data. As the students will be attached to their tutors depending on their courses the ‘course list.csv’ file will also be imported in so the administrator is able to see who is on what course. Once all students and tutors have been added to the system they will sorted into their course and each tutor will be assigned a group of students depending on their specialisation.

An alternative flow for carrying out this use case would be for the tutors to select their students. At the start of each year each tutor would be able to chose which students they wish to be their tutees but to prevent them from being bias they would only have access to second names and course choice.

The final way this could be carried out would be for each tutor just to be given the same number of students. The list of students would be sorted alphabetically and it would be sectioned into groups of 10 pupils and each tutor would be given a group.

For this use case to be completely the system much have all students added which would be completed by importing the ‘student list.csv’ file in. This would allow the administrator to access the data making it easier to add the students into the system. As the system needs access to the students course choices the ‘course list.csv’ will need to be imported in and linked to each student, this will allow the administrator to sort the students into their different courses.

**task of displaying the list of tutees for a particular personal tutor.**

This use case will be carried out in a similar manner to the first. Firstly, they will need to make sure all of the students are in the system, this can be carried out by importing the ‘student list.csv’ file. They will also need to make sure all students are correctly linked to their courses; this can be done by importing the ‘course list.csv’ if not already imported in. Once this has been done all students and their chosen courses should be in the system which will mean they can populate the tutor groups according to the students chosen course. Each tutor group will be given an ID/key, this will allow them to be identified by the system, making it easier when searching for them. If a student or tutor wish to view their tutor group they can do this by entering the ID/key and this will display all pupils in this group and who the tutor is. From there they will be able to view individual’s information if needed.

An alternative way for the groups to be displayed is by searching for the tutor attached to the group. This will then show all pupils that are in their tutor group.