

We are now going to create sequence diagrams.

Let us first deal with the System Administrator setting up the lab sessions. They are doing this individually for each module and then creating a LabSessionList for each module and a set of LabSession objects that are put in the list.

The sequence diagram for the System Administrator to set up a list of registered students for each module can be set up in a similar way.

The second sequence diagram below is for a student to get the times of the lab sessions. They must get hold of the module and we have a check that they are registered for that module before we can get the times. In both these classes you may wish to have a control class to coordinate the different activities. You may also wish to add a login facility for the student before they can get times.

Another addition could be the creation of an object that will hold useful information about a student such as the modules for which they are registered so that we do not have to do lots of checking each time.

