Study Group Database Requirements:

1. The application shall allow the tutor to enter their session information
   1. The application shall store the following information:
      1. The tutor’s first name
      2. The tutor’s last name
      3. The tutor’s Le Moyne email
         1. The email must meet the email name requirements ex: it must end in @lemoyne.edu
      4. The tutor’s Le Moyne login ID
         1. A login ID is the student’s or faculty’s last name, beginning initial, and middle initial ex: smithpm
      5. The name of the class that the session is for
      6. The class number and section number of the class
      7. The faculty member who teaches the class
      8. The number of students that attended the session instance
      9. The date of the session instance
         1. The date should be formatted as mm/dd/yyyy (ex. 04/15/1999)
      10. The start and end time of the session instance
          1. The times should be formatted as --:-- -- (ex. 11:00 AM)
      11. The names of the students who attended
          1. It shall also include the student's login ID in the form shown above
          2. Students’ full names shall be entered in a labelled text box
          3. Students’ login ID shall be entered in a labelled text box
          4. Application shall record and display the number of students in attendance.
      12. The application should have a free text field to enter in what was covered in the group session.
   2. The application shall store this information provided into persistent data storage.
   3. If it is not the first session then the application shall not require the tutor to reenter all the information every session
      1. The tutor will only reenter the names of the students, student ID numbers and what was covered in the session.
2. The application shall allow a tutor to add a tutee to a session
   1. When a new tutee is added by a tutor the application shall send an email to the tutee asking them to register
      1. The application shall store the following information about the tutee:
         1. The tutees first name
         2. The tutees last name
         3. The tutees Le Moyne email
            1. The email must meet the email name requirements ex: it must end in @lemoyne.edu
         4. The tutee’s Le Moyne login ID in the format stated above.
         5. The tutee’s Major
         6. The tutee’s minor if applicable
         7. The tutee’s cell phone number
         8. The tutee’s graduation year
         9. The tutee’s password
            1. The tutees password must be between 8 and 12 characters long and contain at least 2 of the following:

A capital letter

A number

A special character (ex: @,!,$)

* + - * 1. The tutee will be required to enter their password again to confirm it
      1. The tutee will be marked down as a new student in attendance
    1. The tutee will have the option to receive reminder emails about session instances

1. If the tutee is already registered the application will send them a notification that they have been added to the session
   * 1. If the tutee was incorrectly registered or no longer wants to attend then there shall be a link in the email where the tutee can request to be removed
2. The application shall send an email to the course’s professor and to a member of the academic advising staff
   * 1. The email shall contain the following information:
        1. The name of the tutor
        2. The name and section number of the class
        3. The date and time of the meeting
        4. The number of students
           1. The application shall specify the number of returning students and the number of new students
        5. The topics that were covered in the session instance
3. The application will give administrators admin privileges
   1. Admin privileges shall be broken up into two levels.
   2. Level 1 admin privileges are as follows:
      1. A level 1 admin shall be able to see every session that is scheduled and the information that goes with it
      2. A level 1 admin shall be able to see every session instance and the information that goes with it
      3. A level 1 admin shall be able to look at past sessions and the information that goes with it
      4. A level 1 admin shall be able to look at past session instances and the information that goes with it
      5. A level 1 admin shall be able to view statistics based on sessions and session instances
   3. Level 2 admin privileges are as follows:
      1. All level 1 admin privileges
      2. A level 2 admin shall be able to edit a session or session instance
      3. A level 2 admin shall be able to delete a session or session instance
4. The application shall offer a view in which an administrator can see the data broken down into statistics
   * 1. The application shall allow an administrator to go to a statistics page and view the statistics below
        1. The number of new students per session
        2. The number of new students per session instance
        3. The number of returning students per session instance
        4. Each statistic shall be able to compared with previous sessions recorded
        5. Each statistic shall be able to be compared with previous session instances recorded
5. The application shall have a login screen.
   1. The login screen shall take in a username and password
      1. Username and password shall be stored in a persistent data storage
      2. Username and password must be correct when entered.
         1. When login information is not entered correctly, both will be removed and the user must enter in the information again.
      3. Username and password should be remembered when the user uses the application multiple times.
   2. The login screen shall allow a user to register themselves as a new user.
   3. User password shall be displayed as bullets when entered to protect password identity.
   4. Username and password shall be encrypted.