You can work in a group of two or individually

This assignment will give you the opportunity to: 1) put things together, 2) use your own creativity in designing interfaces and appealing web sites, 3) write multi-tiered applications. It is up to you to decide what to use (native JavaScript or JQuery), and how your web pages looks like. However, you have to use XML, JSON, SQL embedded inside PHP but you decide when, where, and how to use them. In this assignment, we want to write a web application to track the graduate students at the CMPS department. You have first to create a database that include the following tables:

STUDENT INFORMATION TABLE
STUDENT ID
LAST NAME
FIRST NAME
ADDRESS
EMAIL
STARTING YEAR
GARDUATION FLAG (done or not yet)
GRADUATION YEAR (expected year if not done yet)
OPTION (thesis, project, or courses)
COMMENTS

STUDENT THESIS/PROJECT TABLE
STUDENT ID
TITLE
ADVISOR
MEMBER1
MEMBER2
COMMENTS

COURSE DESCRIPTION TABLE
COURSE NUMBER
COURSE TITLE

STUDENT COURSES TABLE
STUDENT ID
COURSENUMBER
SEMESTERTAKEN (Fall, Spring, Summer)
YEAR
GRADE

You can use your best judgment for the type of fields in every table.

Then, write the needed web pages and scripts (server side and client side) to do the following:

1. We should be able to enter information about student (via the web)
    a. Create/update a student profile
    b. Add/update courses when taken by a particular student
    c. Add/update thesis when registered by a particular student

2. We should be able to add courses and update them when needed (via the web)

3. We should be able to get all the information about a student: name, taken courses, thesis, etc.

4. We should be able get a list of the students that have finished their coursework but did not register the thesis/project (if they have chosen thesis or project option).

5. We should be able get a list of the students that have finished their coursework and registered the thesis/project.

6. We should be able get a list of the students that have been in the program for more than 2 years.

Submission:

Export your database then put it along with all your code and web pages in a folder then zip it (include in the folder name the IDs of both of you if are working in group of two). Include a brief readme file that explain how to test your application. The TAs might invite your for a demo.