

**CEGEP VANIER COLLEGE**  
**CENTRE FOR CONTINUING EDUCATION**  
**Web Services**  
**420-941-VA**

**Teacher: Samir Chebbine**

**Phase II: Web Service Project**

**Due Date      Feb 17, 2023**

**Course Project**

This project course Phase II is about completing the implementation of REST Web Services (WS) project you have started in Phase I and adding extra services using SOAP WS implementation. Each student must complete previous REST-based Web Service of Phase I by adding at least two HTML forms (such as addForm & searchForm similar to Lab 5) to consume REST-based Web Services implemented during Phase I. Provide appropriate HTML testing.

You must add extra services using SOAP implementation OTHER THAN already implemented during Phase I, but within the same topic. You are free to create new SOAP-based project or complete the previous REST-based project. The testing of SOAP Phase II should be done using Postman as in Lab 6 portraying the SOAP input messages and SOAP output messages. The project must be small enough so that it can be completed by the end of the course deadline.

The Phase II implementation (Form consuming REST services of Phase I and new SOAP services) is due on Feb 17, 2023 and might be presented during class meeting if time permits.

**Project Outline Phase II**

- Enumerate the business utility of your project and state what SOAP Web Services you wish to implement. You can populate your own data when implementing your project (no need to fetch them from database).
- Provide HTML Form consuming the implemented REST Web Service.
- You should demonstrate that your SOAP Web Services are reusable, extensible, and modular so that end-user would seek to consume these Web Services.
- You need to provide documentation describing the following:
  - HTML form Data inputs, Data Outputs.
  - The business processes to be implemented.
  - Data Structure being used.

**Project implementation:** Different project state of progress must be uploaded into Omnivox LEA.

**Complete Word Project report:**

- Describe the project.
- What is the business impact of using your implemented Web Services
- The design class and Web Service design architecture.
- What Data Structure being used.
- Any screenshots to demonstrate the use case scenario.

Maximum **5 pages**