

Introduction

This is the brief for CA2 – your first SOAP web service.

Contribution: 30%

Due Date: 30th Oct 2020

Brief

You are required to create a SOAP Web Service and consume this service into a web page or pages. Your web service must have a minimum of 3 operations and obtain its data from a local database (the dataset you use is up to yourself) as follows;

- 1) Operation 1 has no (0) input parameters and returns a json string
- 2) Operation 2 has one (1) input parameter and returns a json string
- 3) Operation 3 has two (2) input parameters and returns a json string

You will have to create a Service Provider web site AND a Service Requestor web site, in a practical sense this will consist of two (2) Netbeans Projects.

The data source you use for the Service Provider is up to yourself but it must use a MySQL database (and you must export this and include it in your submission on moodle)

Marking Scheme

| Service Provider | |
|---------------------|----|
| Operation 1 | 3 |
| Operation 2 | 4 |
| Operation 3 | 5 |
| WSDL File | 7 |
| Soap Service Coding | 2 |
| | |
| Service Requestor | |
| Consume Operation 1 | 3 |
| Consume Operation 2 | 3 |
| Consume Operation 3 | 3 |
| Total | 30 |