

Homework Assignment #2

Due Monday, October 25th

Write a description of a Web Services (in WSDL) that describes the Shipping Service, as defined below in UML. You should include the XML Schema definitions for the appropriate data types. Also, write SOAP messages that represent the request and response for each of the two methods.

You will need to turn in:

- A WSDL document describing the service as defined below
- Example SOAP messages for each of the methods, both request and response.

Criteria for success:

Your WSDL needs to properly describe the data types and methods, and the SOAP messages need to be syntactically correct, and match the WSDL. Do not use Visual Studio to generate WSDL. Write it by hand, or use another contract first tool such as [SOA Editor](#) from CapeClear.

Please zip up the project files and mail the completed assignment to webservices@cauldwell.net with a subject line beginning with **[WSA – assignment 2]**.

ShippingService
+CalculateShippingCost(in OrigZipCode : string, in DestZipCode : string, in ShippingWeight : double) : double +GetTrackingNumber(in Destination : Address) : string

Address
+StreetAddress : string +City : string +State : string +Zip : string