# Use case

In this section, we will be putting all that we have learned so fare. We will design and implement a **WSDL** web service first. A Simple use case that we are going to use is:

* Creating a **CustomerOrdersService** which allows the consumers to :
  + To create orders for a given customer.
  + Read the orders for a given customer.

## Creation Steps:

1. Coming up with a **WSDL** file where will be defining what types of messages we are going to exchange as well as what type of operations that is to create and get operations that allowing the customers to consume our web services.
2. To generate the stubs from this WSDL.
3. Implement our web services endpoint using the generated stubs.
4. Configure the web services point in the **cxf.services.xml, which** is a **spring** configuration file for **Apache CXF**.

# Steps to create WSDL First Web Service

1. **Create the Project:** there are two **additional steps** in case of **WSDL** first web services.
   1. **Creating the WSDL file**
   2. **Generating the Stubs from the WSDL file.**
2. Create the endpoint
3. Create the configuration class
4. Run the application

# Create the WSDL First project

We create a new simple Spring boot project.

# WSDL Creation

# Generate the Stubs

# Generating the Stubs

# Create the CustomerOrders Service

# Implement the init method

# Implement the getOrders method

# Implement the createOrders method

# Publish the endpoint

# Enable Logging Feature

# Run the application

# Test using SoapUI

# WSDL First Web Service Assignment

# Section Summary