**Over view of the POC Project**

This project actually has 3 modules:

1. Inbound
2. Processing
3. Outbound.

**Inbound**: From Inbound we will get data from JMS Queue in XML format and JSON object from a web service.

**Processing**: In processing module we need to perform validations i.e Product\_ID , Product\_Name on XML data and JSON that are retrieved from.

We will call the data again if there is an issue. Or else we will insert data into the local database.

We will have a UI to perform operations like edit, delete, add on data using Spring / Hibernate.

We will have a feature in our UI to mass select the data and send the data either to a JMS Queue or a web service.

**Outbound:** Convert the data to XML if it has to be sent to a JMS queue or convert the data to a JSON to call another web service.

**Technologies** to be used: Spring, Hibernate/JPA, XML parsing, JSON Parsing, JMS queue, Rest web services, MySQL, Websphere Application Server.

**Basic Architecture**

 