**Error:**

java.lang.NullPointerException: Cannot invoke "javax.xml.parsers.DocumentBuilder.parse(java.io.InputStream)" because "com.dhdigital.api.bean.CreateComplaintService.oDocumentBuilder" is null.

**Earlier How I used DocumentBuilder:**

**First, I made getDomObject method to parse InputStream payload to Document Object : -**

public synchronized Document getDomObject(InputStream payload)

throws SAXException, IOException, XPathExpressionException

{

Document oDocument = *oDocumentBuilder*.parse(payload);

return oDocument;

}

private static DocumentBuilder *oDocumentBuilder*; //Initialized the DocumentBuilder

public void setServiceRequestResponse(Exchange exchange) throws Exception{

Message oMessage = exchange.getIn();

// System.out.println("body"+oMessage.getBody());

Document oDocument = getDomObject((InputStream) oMessage.getBody(InputStream.class));

NodeList CreateSR\_OutputNode = (NodeList) xPath.compile("/CreateSR\_Output").evaluate(oDocument,

XPathConstants.***NODE***);

CreateComplaintResponse oCreateComplaintResponse = new CreateComplaintResponse();

ComplaintResponse oComplaintResponse = new ComplaintResponse();

Complaint oComplaint = new Complaint();

oComplaint.setSRNumber((String) xPath.evaluate("SRNumber", CreateSR\_OutputNode, XPathConstants.***STRING***));

oComplaint.setStatus((String) xPath.evaluate("Status", CreateSR\_OutputNode, XPathConstants.***STRING***));

oComplaint.setStatusMessage((String) xPath.evaluate("StatusMessage", CreateSR\_OutputNode, XPathConstants.***STRING***));

oComplaintResponse.setComplaint(oComplaint);

oCreateComplaintResponse.setComplaintResponse(oComplaintResponse);

oMessage.setBody(oCreateComplaintResponse);

}

**The error , java.lang.NullPointerException: Cannot invoke "javax.xml.parsers.DocumentBuilder.parse(java.io.InputStream)" because "com.dhdigital.api.bean.CreateComplaintService.oDocumentBuilder" is null, indicates that the oDocumentBuilder is not properly initialized before trying to use it in the getDomObject method.**

**To fix this issue, we need to initialize the oDocumentBuilder using DocumentBuilderFactory in our CreateComplaintService class. We can do this in the constructor or in a method that is called before getDomObject is invoked. Here's how we can modify our CreateComplaintService class to initialize oDocumentBuilder:**

public CreateComplaintService() throws IOException {

try {

DocumentBuilderFactory factory = DocumentBuilderFactory.*newInstance*();

*oDocumentBuilder* = factory.newDocumentBuilder();

} catch (ParserConfigurationException e) {

// Handle the exception or log an error here

throw new IOException("Failed to create settings document builder", e);

}

}