**Task-18**

**Web Service Call From BPM**

To Integrate BPM Application with other system like core banking system, or enterprise content management System, then we have to go for web service call, web service is used to send the data between two different application using the HTTP network, web service uses the XML format to transfer the data between two application, so using web service we can create enterprise application where one application can communicate with another application using web service..

To develop web service application, we need to have WSDL url and destination address, exposed web service consume by BPM application, we need to create client application where we need to consume the web service which is providing by some other application. more than one application can consume the web service at the same time.

**Task Overview:**

Create service in BPM to integrate BPM application with Core banking system to fetch customer and account data into BPM application and show that data on BPM screen.

*Note*: Core banking system is application which have all customers and accounts related data stored into it).

**Task Description:**

Integrate BPM application with core banking system to fetch or update customer details and account details from Core banking system, or to do money transaction from BPM application (like credit money or debit money), BPM application and core banking application both application build on different technology and running also in different server. to communicate from BPM application to Core banking system we have to use web service integration. Core banking application has already exposed some services to fetch customer details, account details or do money transaction like credit money to account and debit money from the account, these expose service we need to consume (call) from BPM application.

**Solution :**

To fetch the customer details and account details from core banking system and update the customer details and Account details into Core banking system to achieve this create Integration service in BPM application by using 'Call Web Service Via SOAP' component, input require for web service call are WSDL URL, Target Name space, user Name , Password, destination address, SOAP action, and XML request, all this input parameter needs to pass to service , when that service executes it will hit the target system and gives the customer details in response and input passed as customer id( which is unique identification for one customer in core banking ), X-path use to read the response from XML and store that response into BPM variable , handle the time out exception using timer event or handle other error using the catch event.