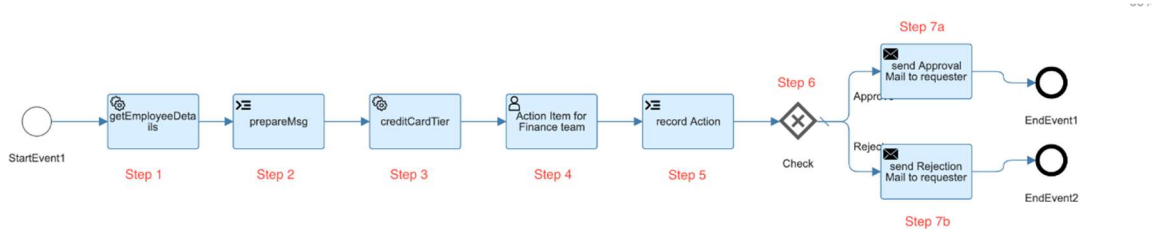
SAP Business Technology Platform Cloud Workflow and BPM Training
https://www.anubhavtrainings.com/btp-cloud-workflow-training



***Target Audience**: You are working as an SAP consultant in companies. Now you see there is a shift in industry towards the cloud-based solutions. SAP BTP plays a critical role in the process of transforming to intelligent enterprise. Any SAP Consultant, ABAP Developer, Workflow consultant, SAP Integration experts can join the course.*

***Prerequisites-Basic** knowledge of Basic programming, Knowledge of database, SAP Basic knowledge, Basic knowledge of JS will be helpful.*

Duration: 25 Hours – A promise of no copy paste

What you get by joining our training

- 25 Hours of Detailed Lecture with Videos
- Support for issues and deployment (no job support)
- Presentation and Whiteboards
- Best-in-class cutting edge content
- Latest concepts on Business Application Studio
- End to End development with integration to S/4HANA APIs
- API management using API HUB
- Cross Integration also covered

Our Course Page:
https://www.anubhavtrainings.com/btp-cloud-workflow-training

https://www.anubhavtrainings.com/scp-cloud-platform-training
Say no to trainer who only teach copy-paste of code

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About the Course

In this Learn SAP BPM (Business Process Management) and Cloud Workflow we have covered basics of workflow to advance development of workflows. SAP BTP BPM provides you a set of Standard workflow packages for integrating cross platform/application business processes. These processes can be downloaded, adapted, customized, deployed and monitor in BTP and managed using cloud foundry environment.

In this Training of Business Technology Platform Workflow, we will:

- First, we will start with a short theory to understand what is BTP
- Then we will learn general concepts of BTP platform, services, environments, and runtimes
- Then we will get starting with our development environment setup with entitlements
- After that, we will take Business application studio setup for workflow and use template to create first workflow
- We will then create workflow with various types of tasks like mail task, service, user task and script tasks
- After that, we will add gateways for decision making
- Once we have developed our workflows, we will learn how to package mtar and deploy it to the cloud foundry, how to configure workflow for business user and manage end to end workflow to Q system.
- Learn Latest Concepts of BAS with workflow modularization
- Learn API management using API HUB and the workflow API provided by SAP.
- After that, we will call workflow API using postman with OAuth 2.0 authentication
- We will design and develop and complete end to end scenario by using workflow
- We will start with process flexibility and how to adapt the standard sap workflows for finance opex planning
- We will use process visibility and flexibility to monitor and tweak standard flow
- Finally deploy our workflow to cloud and do monitoring with dashboard

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COURSE CONTENT (UNIT WISE)

Unit 1 – What is SAP BPM and workflow (Demo Session)

- Definition of SAP BTP and motivation
- What is BTP Workflow
- Create Dev space in BAS
- Manage your first simple workflow
- FAQs
- Process to join the video mode training

Unit 2 – Introduction to BTP

- On premise v/s Cloud offerings
- What cloud offers
- What is SAP BTP?
- What BTP offers broadly – Environment, Subscriptions and Instances
- SAP BTP Cloud Foundry Organization
- Introduction to backing service
- BTP Service Catalogs
- Introduction to Entitlements

Unit 3 – Setup BTP environment for BTP Workflow

- Introduction to backing service and service key
- BTP Service Catalogs
- Introduction to Entitlements & Quota Plans
- What is BTP Destination
- What is Role Collection
- What is Business Application Studio
- Starting Workflow Booster
- Understand what was created on execution of booster

Unit 4 – Introduction to BTP Workflow management

- What is a Business Process
- What is workflow
- Workflow management
- Service offering
- Why SAP BTP Workflow management?
- Key benefits
- Run BTP booster to setup Cloud Workflow management
- Behind the scenes of booster

Unit 5- Workflow Development – Episode 1

- Behind the scenes of booster
- Setting up free ES5 System
- Create new destination
- Create a Simple Workflow – Scenario 1
    - Initialize workflow module
    - Understand the workflow project structure and Tasks type
    - Use of mta.yaml file
    - Service binding with workflow service

Unit 6- Workflow Development – Episode 2

- What is Context
- Workflow Tasks Type
- Create a Simple Form UI for Leave Request
- Bind the context data with form layout
- Configure user decision task
- Update context at runtime
- Deploy the simple workflow

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Unit 7- Workflow Development – Episode 3 – Let the ship sail

- Package and Deploy the simple workflow
- SAP Workflow management – big picture
- Test our workflow using SAP Workflow management cockpit – Monitor workflow Definitions
- Understand the workflow instances (the runtime)
- Access workflow using My Inbox Application
- Update workflow and deploy changed version
- Understand workflow statuses

Unit 8- Connectivity and SAP Cloud Connector

- What is Cloud Connector
- Install Cloud Connector
- Configure SAP Cloud connector with BTP and On-premise system
- Create destination S4HANA for our internal company system

Unit 9- Working with service task

- SAP BTP Cloud workflow personas
- Read sample data from ES5 service
- Run and test workflow to display context
- What is an API
- Trigger workflow using API
- Trigger workflow using Postman

Unit 10- Working with APIHUB

- Introduction to SAP Business API HUB
- Explore the API for SAP BTP Workflow
- Start workflow instance from API Sandbox
- Explore BTP Security aspect
- Inject test scope
- Trigger workflow using Postman with OAuth Bearer token
- Test the execution of an API

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Unit 11- CI/CD pipeline using Jenkins

- Introduction to CI/CD
- Create Jenkins Master in local machine
- Connect Jenkins to git account
- Use CF CLI to automatic build to CF
- Run Jenkins job and check the logs
- Test the deployment using CI/CF pipeline

Unit 12- Working with GitHUB

- What is Git and Git HUB
- Terminologies of git – The distributed Repository System
- Create your first git repository
- Configure STS to use git
- Create branch using git
- Push to git to share project with team

Sessions are still being recorded; we will update content after session recording is done