

PEGA Course Content

Understanding Core PEGA PRPC

- 1) PEGA BPM Demo.
- 2) About PRPC IDE, Operators (Logins)
- 3) Creating a new Application using application Wizard.
- 4) Class Group and Its importance, Understanding Class Group and Predefined Classes in PEGA.
- 5) Inheritance in PEGA and its Types, Direct and Pattern Inheritance.

Working with User Interface in PEGA

- 6) Web Page Creation and its execution using a flow.
 - I. Understanding Property and Property rule form.
 - II. Understanding User Interface Design Using Sections.
 - III. Understanding Flow Action.
 - IV. Understanding PRPC Process Flows.
 - V. Creating a Work Object and Understanding the Work Object.
 - VI. Changing the WO Status using Assignment Shape.
- 7) Understanding the Debugging Tools.
 - I. Clipboard.
 - II. Where Am I?
 - III. Understanding the System Created User Page 'pyWorkPage'.
- 8) Creating a UI Form, Displaying the Layout and controls conditionally.
 - I. Creating a Multi Layout Section.
 - II. Creating a Section with Dynamic and Free Form Layouts.
 - III. Understanding 'When' Condition.
 - IV. Creating and Using When rule in the Visibility of layouts and properties.

Working with Business Logic in PEGA

9) Introduction to Business Logic by Using Activity.

I. Creating Activity.

II. Understanding User Pages, steps and Basic Methods in Activities like Page-New, Property-Set, Page-Remove, and Show-Page.

III. Visiting the Debugging Tool 'Tracer' and Understanding the Tracer.

Working with Instructions in Activity

10) Calling One Activity from another activity by using Call and Branch Instructions.

I. Understanding the Difference between Call and Branch Instructions.

II. Using and Understanding the Difference between Exit-Activity & End-Activity Methods.

III. Calling or Invoking a Flow from Activity.

IV. Parameters in activities and passing parameters from one activity to another activity.

V. Understanding the parameter page on Tracer.

11) Creating Data Storage Rules, Data tables. Complete Understanding of

Revisiting UI rules to Integrate User Interface with Activities (Business Logic)

12) Working with Data Storage Rules using the Activity Obj-Methods.

I. Obj-Browse.

II. Implementing pxDropDown, populating the values into a drop down from a Data Storage Rule.

III. Implementing Cascading Dropdown controls.

IV. Understanding and Working with Expression Builder.

V. Obj-Save.

VI. Understanding of Write Now Check Box, Commit Methods and Difference b/w

VII. Write Now and Commit Methods.

Generating the Primary Key using Expression Builder.

VIII. Obj-Open using primary key & Obj-Open-by-Handle using pzInsKey.

i. Explanation of Difference between Obj-Open & Obj-Open-By-Handle and when to use what method.

ii. Working with Operator Table by understanding **OperatorID** Page and Data-Admin-DB-Operator Class.

iii. Working with **Rule Data form** to learn to get pzInsKey of any rule in PEGA.

13) Report Definition.

Working with report to fetch Work object from Work Table based on status.

Working with Report Joins using Class joins and Index joins

Introducing Data Transform

I. Customizing the OOTB Data Transform pyDefault.

II. Working with Data Transform.

III. Defaulting Values to Properties using DTF.

IV. Updating One Page Data to Another page Using DTF.

V. Difference Between activity and DTF.

VI. Complete understanding of When to use activity and when to use Data Transforms

VII. Revisiting activity to understand precondition and Transition and Expression builder.

14) Report Definition Joins

I. Class Joins

II. Index Joins

III. Association Joins

15) Working with Declarative Rule by integrating with business application.

I. Declare Expressions. **Forward Chaining & Backward Chaining.**

II. Declare Constraints.

III. Declare On Change. Working with Property-Set and Page-Set-Messages Methods.
Difference between these two methods.

IV. Declare Trigger.

16) Introducing Rule Set and Versioning of Rules.

I. Rules, Rule Set and Versioning.

II. How to create a new rule-set version.

III. Bulk Check-in of the Rules.

IV. How to lock a rule set version.

V. Rule Set and Prerequisites.

Here after Your Application Development will proceed a way of 'Enhancing the Application and Creating Different Version of the rules.

17) Revisiting the Flow Rules.

I. Types of Flows, Process Flow, Sub Flow and Screen Flows.

II. Understanding of When to Use Screen Flows Over Process Flows, Explanation of Save on Last Step Option in screen flow.

III. Invoking a Sub Flow or Screen Flow from Process Flow using Sub Process Shape.

IV. Understanding Spin Off.

18) Understanding of Decision Rules and integrating these in the business application development.

I. Decision Table, Decision Tree Calling a Decision table from or Tree From

2. Decision Shape of Flow, Activity and Declare Expression.

3. Differences between Decision table and Decision tree, when to use what.

4. Discussion of How to return multiple properties from a decision table or tree.

6. Using Fork in Decision Shape of Flow.

Advanced User Interface Concepts and Working with OOTB (Out of the Box Rules)

19) Flow Action and It's Types.

I. Connector Flow Action and Local Actions.

II. Working with Local Actions. Local Action as a Pop-up and Flow-Wide Local Actions.

III. Working with Attachments, Understanding attachment Tables and Work Object attachment classes.

IV. Reusing the predefined sections to display attachments into our screens.

20) Harness & its Types.

I. Understanding and working with New, Perform, confirm and Review Harness.

II. Customizing the all the above harness rules.

III. Understanding OOTB Sections pyActionArea & pzActionAreaButtons.

IV. Learning to customize the submit button and Hide it.

21) Email Integration & Working with Outbound Email Integration.

I. Understanding Correspondence, Types of Correspondence and configuring the parameters using DSS.

II. Working with OOTB email Activity and Working with correspondence Smart Shape.

22) Revisiting the Operator, Creating our own operators.

I. Complete Understanding of Operator, Access Group, Application, Rule Set and Rules Relationship.

II. Operators with Different Access Groups.

23) Routing & Integrating Routing into our Application.

I. Types of routing.

II. Routing to Work list.

24) Understanding of Operator, Work Group, Work Basket relationship.

I. Creating Work Groups.

II. Creating Work Baskets (Work Queues)

III. Routing to Workbasket

IV. Conditional routing to Work list or Workbasket using Status of the WO.

V. Giving Work basket access to User Portal.

25) Service Level Agreement in PEGA (SLA).

I. Understanding SLA, Types of SLA.

II. Understanding pySLAName property in pyDefault Activity.

III. SLA, Urgency and Time Intervals.

IV. Understanding Escalation Activity.

IV. Using RDB-Methods, RDB-List, RDB-Open, RDB-Save and RDB-Delete.

V. Understanding when to use Obj Methods and When to use RDB Methods.

26) Likely hood, Spin Off Flow, Split Join and Split For each.

Split For each Business Requirement of Routing assignment to multiple Operator's work list.

27). Rule Resolution Algorithm with Explanation.

I. Rule Availability.

II. Rule Cache.

III. Class Hierarchy.

28) Enterprise Class Structure Explanation.

I. Frame Work Layer

II. Implementation Layer

III. Organization Layer

IV. Division Layer

V. Integration Layer

VI. Data Layer.

29. Case Management.

I. Stages, Steps, pyDefault Case Type, Parent and Child relations, Data Propagation, Case Instantiation, Locking, Default and optimistic locking...

II. **pxCoveredInsKeys, pxCoveredCount.**

III. Real Time Implementation.

30) Methodology and Project Process Explanation.

Explaining Real Time Training w.r.to Process.

Real Time Process, Team Structure, Assigning of Requirements, Requirement Gathering tools, Deployment Process, Deployment Tools and Approvals.

-----ALL THE BEST-----