DEX403

Declarative Development for Platform App Builders in Lightning Experience

TOPICS

Data Model Development

- Create custom objects
- Create custom fields
- Create master-detail relationships
- Create lookup relationships
- Create many-to-many relationships
- Create lookup filters
- View and edit your schema graphically

Profiles and Permissions

- Create and customize profiles
- Create permission sets
- Set field-level security

Record Access

- Describe the levels of record access available
- Assign organization-wide defaults

- Create a role hierarchy
- Define sharing rules
- Manually share a record

Data Management
- Create custom validation rules
- Describe tools available for data management
- Export and import data
- Describe the Bulk API

User Interface Development
- Create custom apps, tabs, and pages
- View and customize the Salesforce mobile app
- Describe use cases for Quick Actions
- Create record types

Flow Basics and Screen Flows
- Describe the types of flows available
- Create a screen flow
- Add elements and resources to a flow
- Control navigation in a flow
- Describe the difference between user mode and system mode
- Debug a flow
- Deploy a flow

Record-Triggered Flows
- Describe the types of Data Manipulation Language (DML) available in Salesforce
- Identify differences between before and after triggers
- Configure a record-triggered flow

- Use the $Record and $Record__Prior global variables
- Debug a record-triggered flow
- Send custom notifications from a flow
- Configure a platform event-triggered flow

Process Builder and Workflow

- List the actions that can be triggered by a process and workflow
- Describe the difference between immediate and scheduled actions
- Describe use cases for a process and workflow
- Create processes and workflow rules
- Create an escalation using scheduled actions

Automation with Approvals

- List the components of a multi-step approval process
- Implement a multi-step approval process

Save Order of Execution

- Describe key points in the Order of Execution
- Describe how declarative programming fits into and can be impacted by the Order of Execution
- Describe the lifecycle of a transaction

Flow Best Practices

- Use naming conventions
- Describe how to avoid flow limits
- Describe the difference between flow transactions and flow interviews
- Describe how Flow handles bulkification
- Identify common problems that can occur with flow loops
- Call invocable Apex from a flow
- Identify when not to use Flow

App Deployment

- Contrast the differences between the various types of sandboxes
- Describe the capabilities, limitations, and considerations of change sets
- Describe the capabilities of unmanaged packages
- Create and install unmanaged packages
- Determine the appropriate deployment plan given a scenario