

Salesforce.com Developer Essentials- DEV 401

Day-1:

Application Design

List and describe components of an application

Describe the model-view-controller design paradigm

Given a scenario, determine whether sufficient information is available to plan/build/design an application

Overview of Force.com Platform

List and describe the steps required to design and deploy a successful application built using the declarative capabilities of the Force.com platform

User Interface

List and describe the components of any Force.com application user interface (e.g., tabs, applications, detail pages, list views)

Given a scenario, determine the capabilities and constraints of the declarative framework for building a user interface (e.g., what can and can't be done in a page layout)

Describe use cases for how Force.com pages can extend the user interface in the declarative framework and when to do so

Day-2:

Data Model

Describe how to create a functional data model for a business application

Given a scenario, select the features required to create a functional data model for a business application.

Describe the properties and implications of choosing one object relationship type over another and distinguish among relationship types.

Given a scenario, distinguish among object relationship types, describe how to create relationships, and determine which relationship should be recommended

List and describe the features used to set permission and data access in a custom app

Given a scenario, select the appropriate feature (e.g., profiles, defaults, roles) to provide appropriate permissions and data access in a custom app

List and describe optional (Salesforce-enabled) features for managing the application (e.g., create audit fields, encrypted fields, multicurrency)

Day-3:

Business Logic

List and describe how to create formulas, validation rules, and workflow rules

Given a scenario, determine which Force.com feature to use to solve a business requirement and/or describe how to apply the solution

List and describe the capabilities of the Force.com approval processes

Given a scenario, select the appropriate features of Force.com approval processes to satisfy business requirements

List and describe the features of the Force.com platform for debugging and monitoring automated business processes

Describe use cases for extending business logic through Force.com code

Day-4:

Data Management

List and describe the capabilities and constraints of import wizards

List and describe the capabilities and constraints of API-based tools for managing data

List and describe the functions of the Force.com Data Loader

Describe use cases and functions of external IDs and upsert

Given a scenario, determine appropriate uses of the GUI and command-line interface for the data loader

Describe the characteristics of Force.com record IDs

Reporting and Analytics

List and describe capabilities and constraints of reports and analytics of the Force.com platform

Given a scenario, determine methods for analyzing and displaying data