

SFDC Table Of Contents

Total Training Days	: 35 Days
Fundamentals	: 5 Days
SFDC AppBuilder (401)	: 14 Days
Dev I (450)	: 12 Days
Project	: 3 Days
Intro to Dev II (502)	: 1 Day

Day	Section	Topic	Objective
1	RDBMS	E-R Model	<ul style="list-style-type: none"> RDBMS Concepts E-R Model Normalization
2	RDBMS	SQL DDL, SELECT	<ul style="list-style-type: none"> Create Table Statement, Data Type Select Queries, Single Row and Multi Row Function
3	RDBMS	Subqueries, Joins, DML	<ul style="list-style-type: none"> Subqueries Joins Insert, Update, Delete statements
4	RDBMS	Intro to PL/SQL & Trigger	<ul style="list-style-type: none"> Introduction to PL/SQL Introduction to Trigger
5	Web	HTML , Java Script, CSS	<ul style="list-style-type: none"> Introduction to HTML Introduction to Java Script & CSS
SFDC – Dev401			
6	SFDC	Salesforce Overview	<ul style="list-style-type: none"> Introduction to Cloud Computing Introduction to CRM Key Components of CRM - Sales Cloud and Service Cloud Salesforce Architecture Salesforce Editions Setting up the Company Profile User Creation
7	SFDC	Salesforce Basics	<ul style="list-style-type: none"> Designing the Salesforce Solution Salesforce.com navigation Salesforce Object Overview Relation between-> Lead, Account, Opportunities etc Lead Conversion Process Adding Custom Field to Standard Objects

8	SFDC - DEV401	Designing Applications on Force.com	<ul style="list-style-type: none"> • Learn about factors to consider when building a data model • Develop custom objects and fields • Create master-detail, lookup, and many-to-many relationships • Create custom applications
9	SFDC - DEV401	Designing Applications for Multiple Users	<ul style="list-style-type: none"> • Set field attributes on the page layout • Use custom object queues and event-based workflow rules with field update actions • Learn factors to consider when designing applications for multiple users • Create and customize profiles to manage the user experience • Create and customize permission sets to manage the user experience
10	SFDC - DEV401	Designing Applications for Multiple Users	<ul style="list-style-type: none"> • Customize the user experience with record types and page layouts • Employ organization-wide defaults (OWDs), sharing rules, roles, role hierarchy, public groups, and manual sharing to control access to records • Analyze suitability of field-level security, page layouts, and record types to satisfy business requirements
11	SFDC - DEV401	Implementing Business Processes	<ul style="list-style-type: none"> • Use validation rules to enforce conditional required behavior • Use functions to enforce data format and data consistency
12	SFDC - DEV401	Implementing Business Processes	<ul style="list-style-type: none"> • Create parallel approval processes and approval processes with dynamic approval routing to automate business processes • Establish approval process criteria with cross-object formulas • Set up field history tracking to audit processes
13	SFDC - DEV401	Implementing Business Processes	<ul style="list-style-type: none"> • Learn techniques to prevent or record data changes • Create and deploy a flow using Visual Workflow • Create and activate a process using Lightning Process Builder
14	SFDC - DEV401	Managing Data	<ul style="list-style-type: none"> • Learn when and how to export, delete, insert, update, and upsert data • Use the import wizard and API-based data management tools • Use the Force.com data loader to manage data
15	SFDC - DEV401	Data Analytics	<ul style="list-style-type: none"> • Create Report • Custom Report Type, Analytical Snapshot • Introduction to Chatter

16	SFDC - DEV401	Visualforce Pages: Enhancing the User Interface	<ul style="list-style-type: none"> • Learn about the capabilities of Visualforce pages • Create Visualforce pages to modify the user interface • Learn about the functionality that comes with Visualforce Page standard controllers • Visual Force Pages with Salesforce1 • HTML-5 Tag in Visual Force • Incorporating lightning component
17	SFDC - DEV401	Visualforce Pages: Enhancing the User Interface	<ul style="list-style-type: none"> • Create templates that can be applied to multiple Visualforce pages • Learn about incorporating JavaScript and Ajax with Visualforce • Learn about incorporating Visualforce into a page Layout. • Learn about exposing Visualforce to the Internet • Learn about incorporating Visualforce into Salesforce1
18	Project	Project Works	<ul style="list-style-type: none"> • Project allocation • Project discussion
19	Project	Project Works	<ul style="list-style-type: none"> • Project work
Dev-450			
20	SFDC - DEV450	Programming with Apex	<ul style="list-style-type: none"> • Key aspects of Apex • Apex transactions and governor limits • Execute simple Apex • Data types, Control Statements, Classes • OOP implementation
21			
22			
23	DEV450	Use SOQL & SOSL	<ul style="list-style-type: none"> • Write a basic query using Salesforce's query language, SOQL • Process the result of a query in Apex • Create a query dynamically at run-time • Describe a relationship query • Write a query that traverses a child-to-parent relationship • Write a query that traverses a parent-to-child relationship
24	SFDC - DEV450	DML Essentials	<ul style="list-style-type: none"> • List the differences between the ways you can invoke DML operations • Write Apex to invoke DML operations and handle DML errors
25	SFDC - DEV450	Trigger Essentials	<ul style="list-style-type: none"> • Describe what a trigger is used for • Describe the syntax of a trigger definition • Use trigger context variables
26			

27	SFDC - DEV450	Trigger – Best Practices	<ul style="list-style-type: none"> • Describe key points in the Order of Execution • Describe how triggers fit into and can be impacted by the Order of Execution • Bulkifying Trigger
28	SFDC - DEV450	Creating Visualforce Pages	<ul style="list-style-type: none"> • Create a Visualforce page • Reference a standard controller • Launch a Visualforce page using a custom button • Display data from a record in a Visualforce page
29	SFDC - DEV450	Working with Custom Controllers and Controller Extensions	<ul style="list-style-type: none"> • Create controller extensions • Create a custom controller • Work with properties • Use Page References • Invoke custom methods in Visualforce pages
30	SFDC - DEV450	Testing Essentials	<ul style="list-style-type: none"> • Describe Apex’s testing framework • Create test data • Write and run an Apex test
31	SFDC - DEV450	Integration & Deployment	<ul style="list-style-type: none"> • SOAP & RESTFUL • Sandbox to Production Deployment
32	Project	Project Works	<ul style="list-style-type: none"> • Project work • Project Presentation
33			
34			
35	SFDC – Dev 502	Introduction to Dev II	<ul style="list-style-type: none"> • Batch Apex • Scheduler • Apex Sharing • Designing Lightning component

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SFDC AppBuilder (401)	: 9 Days
Dev I (450)	: 8 Days
Intro to Dev II (502)	: 1 Day

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SFDC – Dev401			
1	SFDC	Salesforce Overview	<ul style="list-style-type: none"> • Introduction to Cloud Computing • Introduction to CRM • Key Components of CRM - Sales Cloud and Service Cloud • Salesforce Architecture • Salesforce Editions • Setting up the Company Profile • User Creation
			<ul style="list-style-type: none"> • Designing the Salesforce Solution • Salesforce.com navigation • Salesforce Object Overview • Relation between-> Lead, Account, Opportunities etc • Lead Conversion Process • Adding Custom Field to Standard Objects
2	SFDC - DEV401	Designing Applications on Force.com	<ul style="list-style-type: none"> • Learn about factors to consider when building a data model • Develop custom objects and fields • Create master-detail, lookup, and many-to-many relationships • Create custom applications
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Dev-450			
10	SFDC - DEV450	Programming with Apex	<ul style="list-style-type: none"> • Key aspects of Apex • Apex transactions and governor limits • Execute simple Apex • Data types, Control Statements, Classes • OOP implementation
11			
12	DEV450	Use SOQL & SOSL	<ul style="list-style-type: none"> • Write a basic query using Salesforce's query language, SOQL • Process the result of a query in Apex • Create a query dynamically at run-time • Describe a relationship query • Write Apex to invoke DML operations and handle DML errors
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14	SFDC - DEV450	Trigger – Best Practices	<ul style="list-style-type: none"> • Describe key points in the Order of Execution • Describe how triggers fit into and can be impacted by the Order of Execution • Bulkifying Trigger
15	SFDC - DEV450	Visual Force & Custom Controller	<ul style="list-style-type: none"> • Create a Visualforce page • Reference a standard controller • Launch a Visualforce page using a custom button • Display data from a record in a Visualforce page • Create controller extensions & Custom Controller • Invoke custom methods in Visualforce pages
16	SFDC - DEV450	Testing Essentials	<ul style="list-style-type: none"> • Describe Apex's testing framework • Create test data • Write and run an Apex test
17	SFDC - DEV450	Integration & Deployment	<ul style="list-style-type: none"> • SOAP & RESTFUL • Sandbox to Production Deployment
18	SFDC – Dev 502	Introduction to Dev II	<ul style="list-style-type: none"> • Batch Apex • Scheduler • Apex Sharing • Designing Lightning component