

Week 1 Study Guide

Topics Covered

SDLC

- Developing as a Team
- [Waterfall](#)
- [Intro to Agile Development](#)
 - [Scrum](#)
 - [Kanban](#)
- [Paired Programming](#)
- [Determining Velocity/Story Points](#)

Administration Topics Covered

[Multi-Tenant Environment](#)

[Introduction to Governor Limits](#)

MVC in Salesforce

Data Model

- [Schema Builder](#)
- [ERD](#)

CRM Objects

- Record IDs
- [Indexing](#)
- Fields (standard) / [Field types](#)
- [Custom Fields](#)
- [Required Fields](#)
- [Field Dependency](#)

[Custom Objects](#)

Relationships

- [Relationship Types](#)
- [Junction Objects](#)
- [Related Lists](#)
- [Lookup Filters](#)

Security in Salesforce

- Profiles & Permissions
 - [Licenses](#) & [Users](#)
 - [Profiles](#)
 - Login [Hours](#) & [IP](#)
 - [Permission Sets](#)
 - [Object Level Security](#)
 - [Field Level Security](#)
 - Record Level
 - [Organization Wide Defaults](#)
 - [Role Hierarchy](#)
 - [Public Groups](#)
 - [Sharing Rules](#)
 - [Manual Sharing](#)

User Interface

- [Salesforce Apps](#)
 - [Object Tabs](#)
 - [List Views](#)
- [Page Layouts](#)
- [Record Types](#)
- [Lightning App Builder](#)
 - Home Page Layout
- Mobile Apps
- Actions
 - [Global Actions](#)
 - [Object Actions](#)

Project

Project 0 will be your first endeavor with us at Revature. For P0 there will be multiple pieces, this is the first.

Project 0 - I

(This will be the first part of an ongoing, more extensive project. Keep this in mind as the foundation you build here will need to support future endeavors.)

You will determine a business you want to model inside of Salesforce. This can be an actual company, or one you create, one you've worked for previously, or one you think would be interesting to work with inside Salesforce.

Data Model

You will need to create a thorough data model, beginning with an ERD and following through with its implementation inside the org. The data model should display your understanding of data modeling and how to implement a data model inside Salesforce. The knowledge demonstrated needs to include ERD's, object creation and customization, field creation and customization, and relationships.

Security

You will need to establish the role hierarchy and multiple users for the system, each with logical and distinct profiles and permission sets. The security should display your complete understanding of salesforce security and access, including Org Level, Object Level, Record Level, and Field Level.

User Interface

Display the use of Page Layouts, Record types, List Views, and Dynamic Forms.

SDLC

Display your understanding of the Software Development Life Cycle by participating with your team in the correct usage of the Scrumban framework for Agile.