

# Design and Develop Redwood Applications

Application Development Learning Subscription

DURATION

**1 Days**

MODULES

**4 Lectures**

COURSE CODE

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## Course Overview

This comprehensive course covers Design and Develop Redwood Applications. Gain the knowledge and skills needed to work effectively with Application Development Learning Subscription technologies.

## What You Will Learn

### Module 1: Course Overview

- Course Description
- Target Audience
- Learning Outcome
- What's Next?

### Module 2: Introduction to Using Redwood to Design and Develop Applications

#### 2.1 Lesson Objectives and Audience

- Lesson Objectives
- Intended Audience
- Course Objectives
- Course Overview

#### 2.2 Understanding Redwood

- Why a New Applications Platform?
- Redwood + Platform Overview
- What Is Redwood?
- Applications Platform Overview
- Redwood and Clarity of Purpose

#### 2.3 Redwood Design Principles

- Redwood Platform Enables Better Designs with Components

- Redwood Patterns Build a Complete Page
- Redwood Pattern Book
- Redwood Page Templates: Referenced Layout and Functionality
- Redwood Components: Building Blocks of the Design System
- Redwood Design System Overview
- Redwood Development Process Overview
- Redwood Reference Application (RRA)
- Summary

## Module 3: Using the Redwood Design System to Design the Application

### 3.1 Design Process and Objectives

- Objectives
- Redwood Design Process Overview
- Clarity of Purpose: Help Our Users Accomplish Their Goals
- Build Redwood Products with Clarity of Purpose
- Case Study: The Redwood Reference Application

### 3.2 Understanding the Problem

- Redwood Reference App: User Roles and Goals
- Redwood Reference App: Shape of Data

### 3.3 Articulating the Vision (Optional)

- Redwood Reference App: Vision

### 3.4 Identifying Page Templates

- Welcome Page
- Dashboard Landing Page
- Smart Search Page
- Vertical Foldout Layout Page
- Data Grid Page
- Simple Create and Edit Page
- Guided Process Page
- Redwood Reference App: Patterns Used
- Redwood Patterns Documentation

### 3.5 Adding Detail and Refining Design (Optional)

- Specify Your Design for Development
- Example: Mapping Design to Vertical Foldout
- Example: Mapping Design to Welcome Page

### 3.6 Monitoring Engagement

- Using the Redwood Design Process
- Summary

### 4.1 Development Objectives

- Objectives
- Redwood Development Process Overview

### 4.2 Step 1: Learn to Use Components and Templates

- How Do You Learn a New UX Framework?

### 4.3 Step 2: Understand the Design

### 4.4 Step 3: Learn More About Components and Templates for Your Application

### 4.5 Step 4: Develop Your Application

### 4.6 Step 5: Improve and Refine Your Application

### 4.7 Pattern-Based Development Examples

- Welcome and Overviews: Display Content and Take Action
- Smart Search: Search, Display Results, and Take Action
- Simple Create and Edit Page Pattern
- Horizontal Foldout: Display Details

### 4.8 Redwood Demos

- Welcome Search: Overview - Foldout
- Welcome Action: Create/Edit/Overview
- Welcome Action: Drawer for Detail
- Summary