TRAINING TRANSCRIPT

redSling Builder Walkthrough

Training Module Introduction

In this module, we will take a complete walkthrough of the redSling Builder platform. The objective of this walkthrough is to understand the overall redSling Builder environment before we begin creating and customizing application screens. We will start from the login process and then explore the project dashboard, project management options, page creation, redSling UI Builder, redSling Logic Builder, reusable template fragments, data models, AI-assisted scoping, and documentation capabilities. By the end of this walkthrough, you will understand where each major feature is located and how the different parts of the redSling Builder work together to support the complete application development lifecycle.

Module Overview

In this video, we will cover an overview of:

Area	Purpose
Login	Secure access to the redSling Builder
Projects	Create and manage applications
Frontend	Create and manage application pages
Backend	Configure backend services and routes
Template Fragments	Create reusable UI sections
Data Model	Define application data structures
Scoping AI	Generate project blueprints and scope
DocuGen AI	Generate developer and user documentation
UI Builder	Design application interfaces
Logic Builder	Create application logic visually
User Profile	Manage user information
User Data	Access user-related data
Analysis	Review project-related information
Marketplace	Explore available resources and capabilities
Dark Mode / Light Mode	Switch between dark and light modes
Settings	Manage platform and user preferences

1. Accessing the redSling Builder

Let's begin by opening a new browser window. In the browser address bar, enter the redSling Builder staging URL: build.redSling.com Once the Builder login page opens, enter your registered login credentials. The login screen provides the authentication fields required to access the Builder. Once your credentials are entered, click: Get OTP An OTP will be sent to your registered email address. Enter the OTP received in your email and complete the login process. After successful authentication, you will be redirected to the redSling Builder home screen.

2. Exploring the redSling Builder Home Screen

Once we log in, we land on the main redSling Builder dashboard. The left navigation menu provides access to the main areas of the platform. The available options include:

Projects; Existing Projects; Create New Project; User Data; Profile; Analytics; Marketplace; Dark / Light Mode; Settings.

The redSling Builder also provides a separate New Project button in the upper area of the screen to create a new project, making it easy to begin a new application directly from the dashboard.

3. Existing Projects

The Existing Projects section displays all projects available to the user. Projects are organized using status-based tabs such as:

Active; Archived.

This allows us to easily distinguish between currently active projects and projects that are no longer in active development. The redSling Builder also supports different visual preferences, including:

Dark Mode; Light Mode.

Users can select the interface appearance that is most comfortable for their use. This is a user preference and does not change the application being developed.

4. Project Cards and Project Actions

Each project is displayed as an individual project card. The project card provides important information and actions related to that project. Depending on the project, we can access options such as:

Project Details; Project Status; Project Owner; Team Members; Last Updated Date; Docker Preview; Generate Docker; Edit; Project Settings.

The Docker-related options allow the project to be prepared and previewed in a containerized environment. The Project Settings option allows us to manage project-level configurations. When we select an existing project and click Edit, we are taken into the project workspace. This is where we can begin creating pages and building the application.

5. Main Project Navigation

Once we enter a project, the top navigation provides access to the main application development areas. The primary sections include:

Frontend

The Frontend section contains the application's user interface. This is where we create and manage application pages. The actions on each page are as follows:

Edit; Preview; View; Duplicate; Delete.

This allows us to manage the complete frontend structure of the application from a centralized location.

Backend

The Backend section is used to configure the backend infrastructure of the application. This includes:

Initializing the backend server; Generating backend services; Creating backend routes; Configuring backend functionality.

The backend provides the foundation required for application logic, data access, and API communication.

Template Fragments

Template Fragments are reusable UI sections. This is one of the most useful features when building enterprise applications. For example, instead of rebuilding the same navigation menu on every page, we can create it once as a Template Fragment. We can then reuse it across multiple pages. Common examples include:

Left navigation; Top navigation; Header sections; Footer sections; Reusable application layouts; Common UI sections.

The overall approach is:

Create once > Save as Template Fragment > Reuse across multiple pages

This reduces development effort and ensures visual consistency.

Data Model

The data model defines the fields and structure required by the application. These data models can then be used in:

Forms; Tables; Dashboards; APIs; Workflows.

The redSling Builder also supports connecting APIs and using authentication mechanisms such as bearer tokens when required for data access. Data Models can be created using Generative AI or manually and created Data Models can be edited or deleted.

6. Scoping AI

The Scoping AI feature helps us define the initial scope of a project. Instead of manually preparing the entire project structure from scratch, we can use AI-assisted scoping to generate an initial blueprint. The generated blueprint will include:

• Project Summary covering the Refined Problem, Scope, Objectives and User Roles

• Details of all the workflows

• Details of Screens to be developed and Data Models

• Integrations required

• Effort required to complete the development on redSling

This helps reduce the initial project-scoping effort and provides a structured starting point for development.

7. DocuGen AI

The DocuGen AI section acts as a documentation workspace. It can be used to generate project documentation such as:

Developer Guides; User Manuals.

DocuGen AI automatically generates these documents from the application itself, ensuring documentation evolves as the software evolves and is in sync.

The Developer Guides will include details such as

• Onboarding (first-run steps, access, environment)

• Architecture (builder structure, counts, how pieces connect)

• Page purpose (detailed page-by-page UI & logic)

• API flows / Dynamic routes (backend endpoints, integrations)

• KT checklist (concrete tasks for a new developer)

The User Manuals will include details such as

What The Application Does; Before You Start notes; Navigation Overview; Step-by-Step User Flows; Important Screens and Actions; Warnings and Tips; Troubleshooting; FAQ.

This gives development teams and end users a centralized source of detailed information of the application built on redSling.

Complete Builder Development Flow

The general workflow below shows how applications are created in redSling.

01. Login
02. redSling Builder Dashboard
03. Create / Select Project
04. Project Settings
05. Define Project Parameters (including AI Config, BYO LLM, Login Flows, Audit, etc.)
06. Create Data Models
07. Configure and Generate Backend
08. Create Template Fragments
09. Create Pages
10. Design UI
11. Configure APIs and Traits
12. Add Application Logic
13. Preview
14. Deploy / Generate Docker

You can also generate Documents using DocuGen AI at any time

Closing

With this walkthrough, we have now explored the overall redSling Builder environment. We started by logging into the Builder using our registered credentials and OTP authentication. From the Builder dashboard, we explored how projects are created, managed, edited, previewed, duplicated, and archived. We then looked at the different project development areas, including Frontend, Backend, Template Fragments, Data Models, Scoping AI, and DocuGen AI. Each of these sections contributes to a different part of the application development lifecycle. This walkthrough gives you an initial understanding of the redSling Builder workflow. In the upcoming modules, we will dive into each of these capabilities in detail to build the Smart Vendor & Procurement System step by step, starting with Project Settings, followed by UI design, data modeling, logic configuration, and adding all the application functionality. Now in the next video you will see the Project Settings.