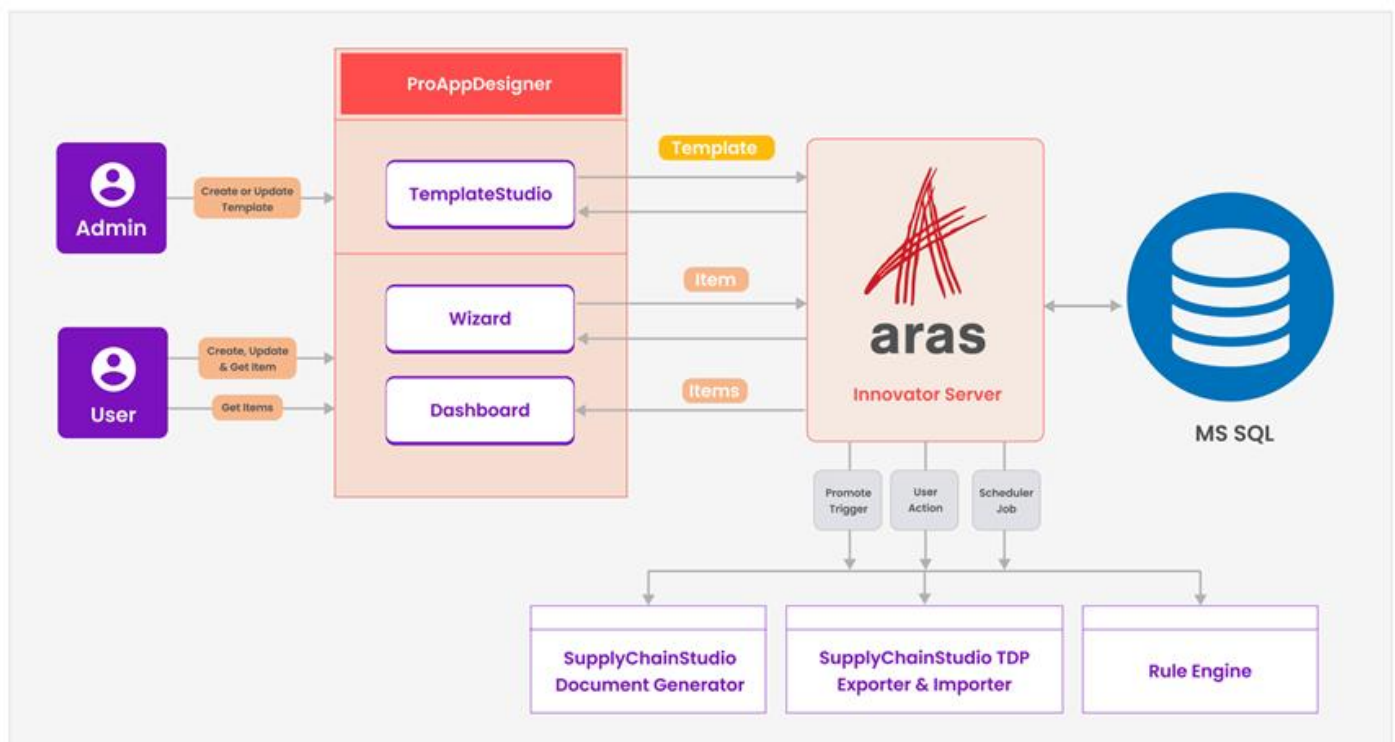


Architecture

Aras ProAppDesigner comes with two bundled SPAs, one for TemplateStudio and the other for Wizard. TemplateStudio is for creating UI template for a specific ItemType. Wizard provides a runtime view of the item that is being created or modified. Both TemplateStudio and Wizard communicate with InnovatorServer by calling ServerMethods for various actions. All the UI rendered on the client side is generated on the fly based on the data fetched from the server. Communication between client UI components and server is always lightweight (only JSON) and less chatty.

Aras ProAppDesigner Architecture:



Aras ProAppDesigner Components:



ProAppDesigner

Backend Components

Word/PDF Generator

Technical Data Package

Presentation Generator

Subscriptions & Notifications

Background & Cron Jobs

Rule Engine

Integration Framework

UI Components

Template Studio (ItemType)

Wizard (Item)

Dashboard (Tables & Reports)

Portal

Template Types

Advanced View
(Replaces Form)

Enhanced View
(Augments Form)

Portal View
(Portal Form)

Type Dashboard
(Type Specific)

Global Dashboard
(All Types)

Controls

Text

List

Checkbox

Image

File

Document

RichText

Item

Items

xClassification

ButtonGroup

Table

Worksheet

TreeTable

Structure

Graph

Tab

Report

Banner

Frame

HTML

CAD Viewer

PDF Viewer

Image Viewer

Widget

Signature

ProjectPlan

Calendar

Section

Group

Features

Responsive Layout

Display Conditions

Validation Rules

Computed Values

Conditional Formatting

Dynamic ReadOnly

