How to Build a Mobile App in Less Than an Hour

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QA Architect
Progress Software

PROGRESS EXCHANGE 2014

Agenda

- Introduction to Progress Rollbase Mobile
- Rollbase Mobile Architecture
- Features of Rollbase Mobile
- Hand-On Demo Building an App
- Q&A

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Introduction to Progress Rollbase Mobile

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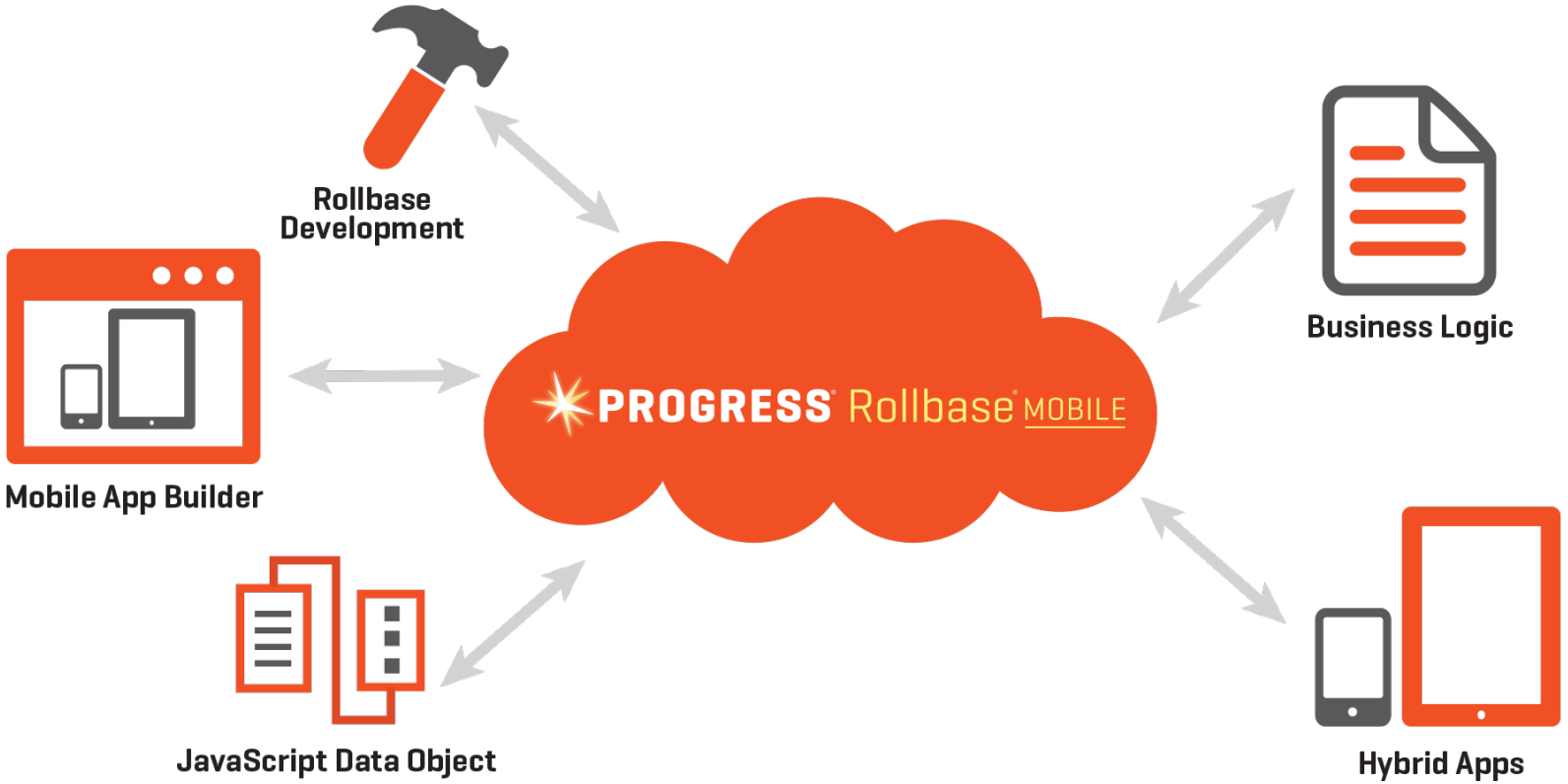
Introduction to Progress Rollbase Mobile

Progress Rollbase Mobile is a platform to develop mobile application with simple drag & drop UI designer and using integrated model-driven environment.



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Progress Rollbase Mobile Architecture

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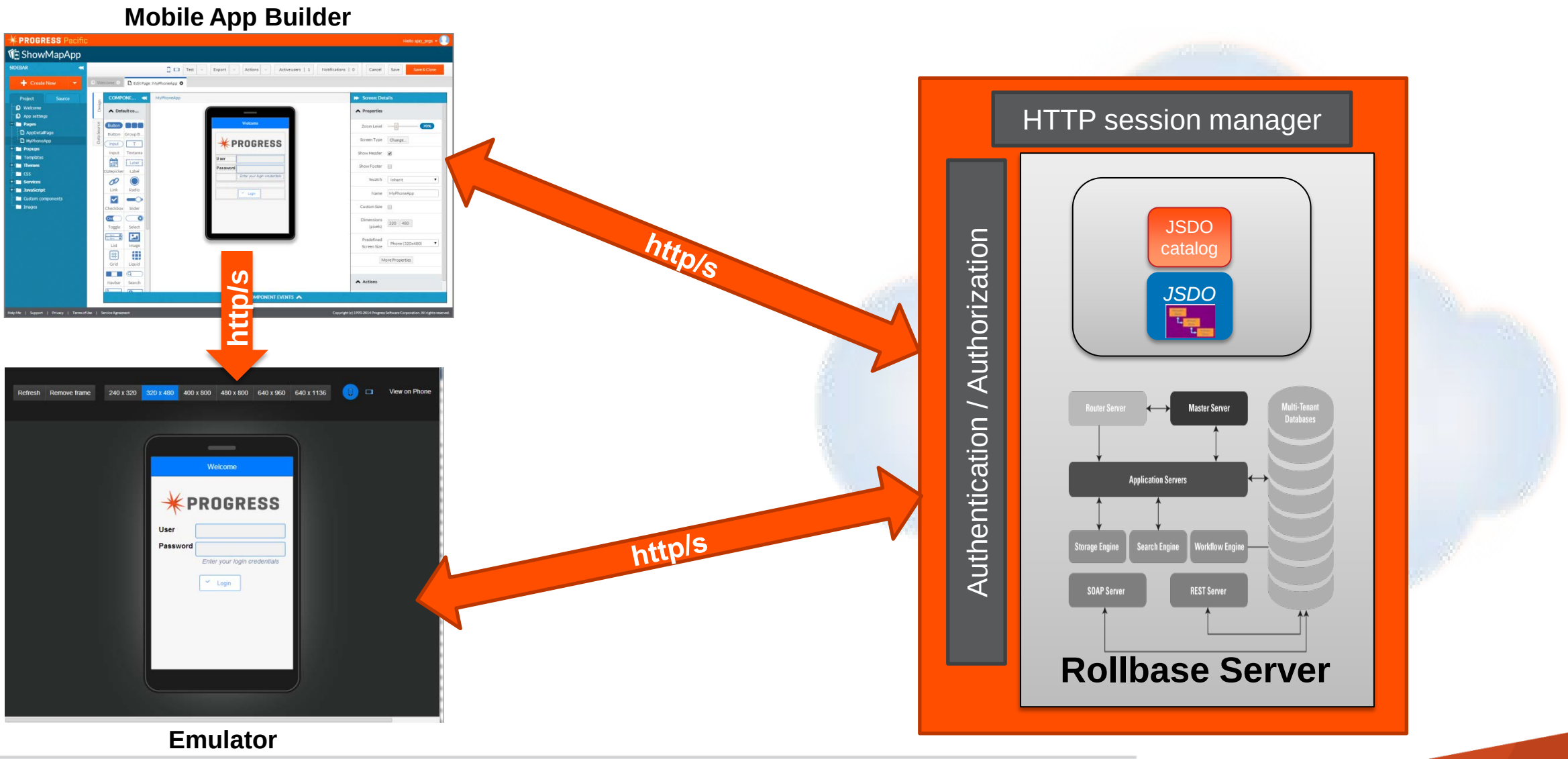
Architecture: Mobile Design Time



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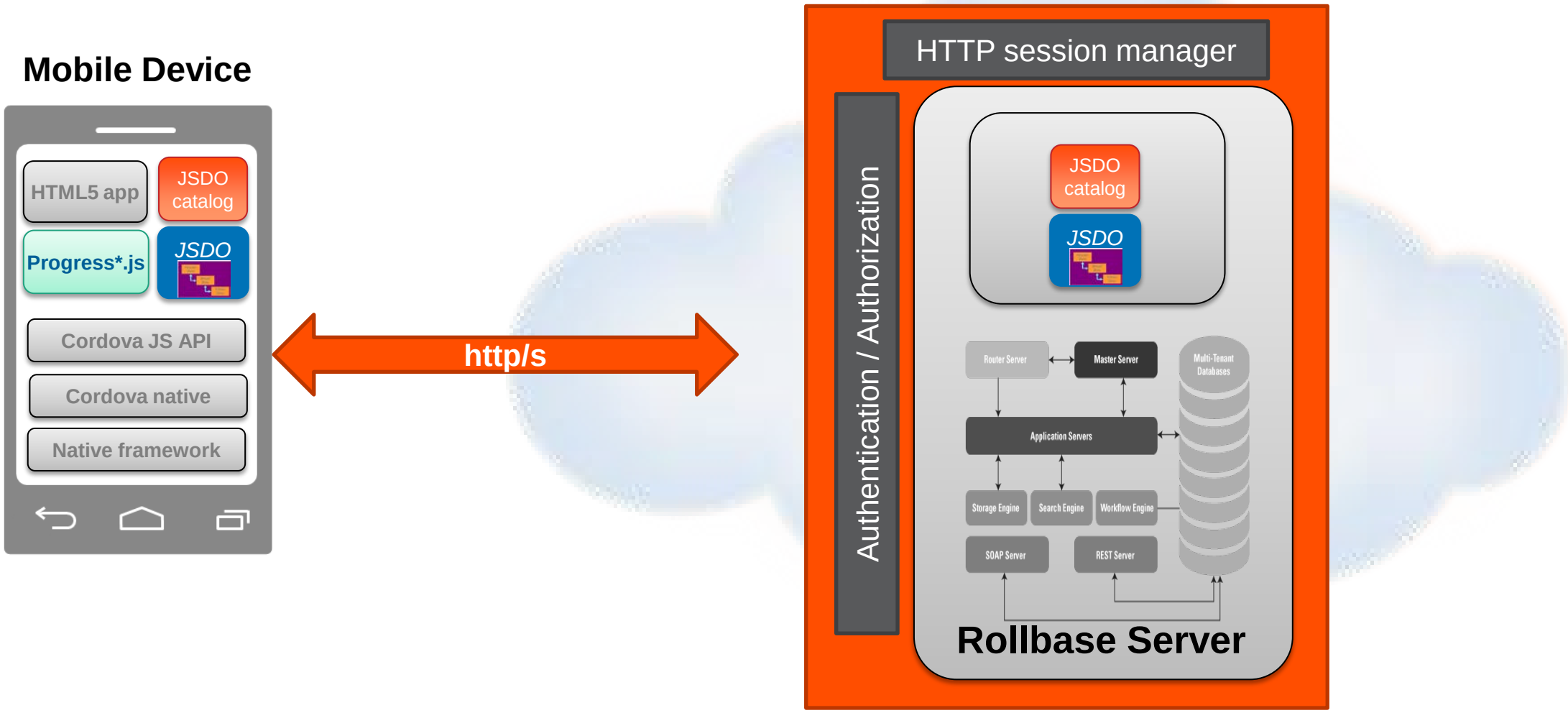
Architecture: Mobile Run-Time



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Features of
Progress Rollbase Mobile

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Progress Rollbase Mobile Features

1	A **model-driven** approach
2	**Drag-and-drop, point-and-click tools** for building an application
3	**Automatic generation of the server objects**
4	Access to **business logic and data integration** capabilities
4	Easy setup, control, and administration of **push notifications**

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Hands-On Demo Building an App

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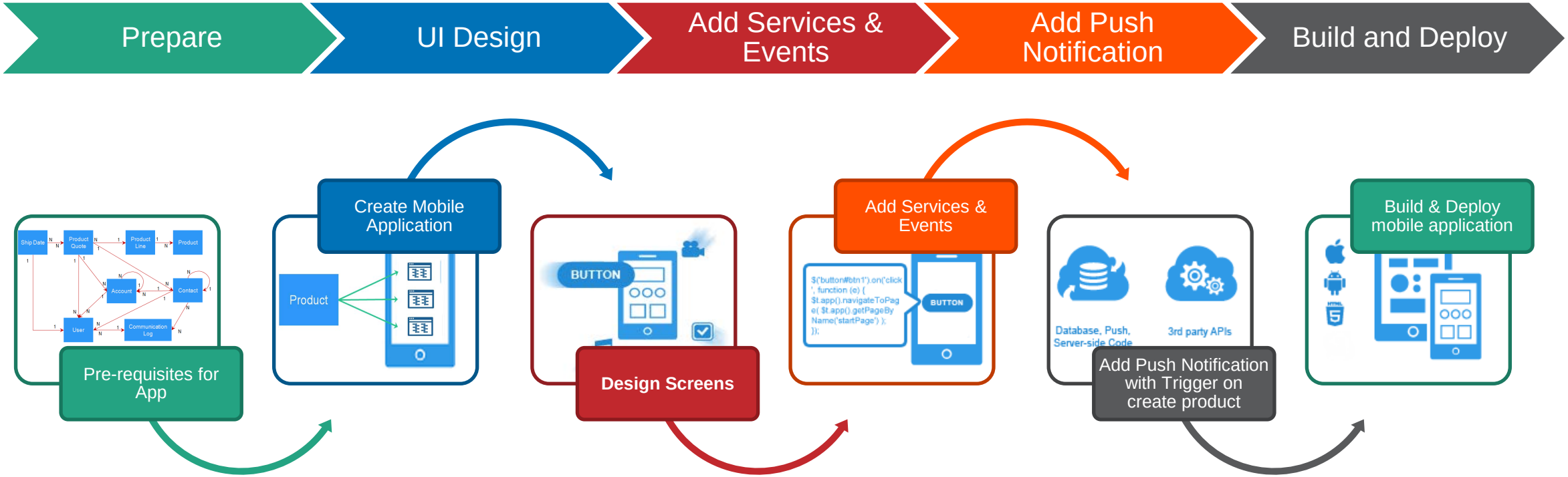
Hands-On Demo Building an App



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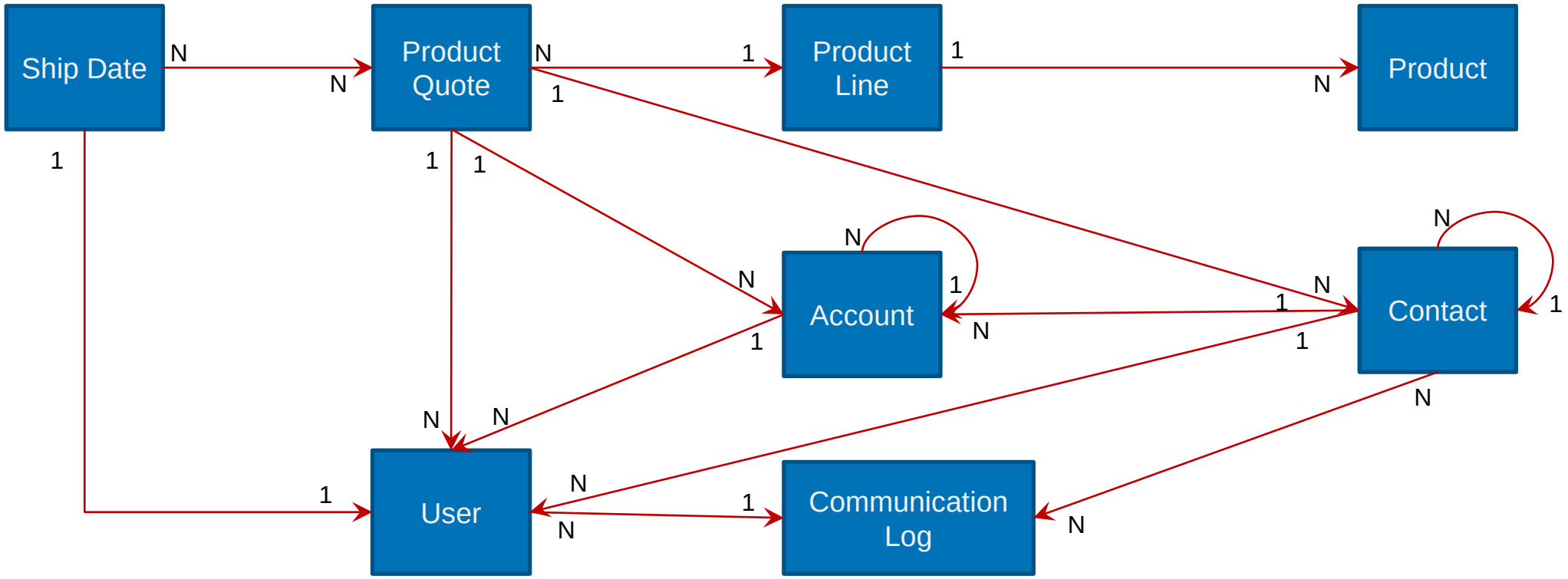
Prepare: Build Pre-requisites for App

Rollbase application "**Order Management**" installed from Rollbase application directory.



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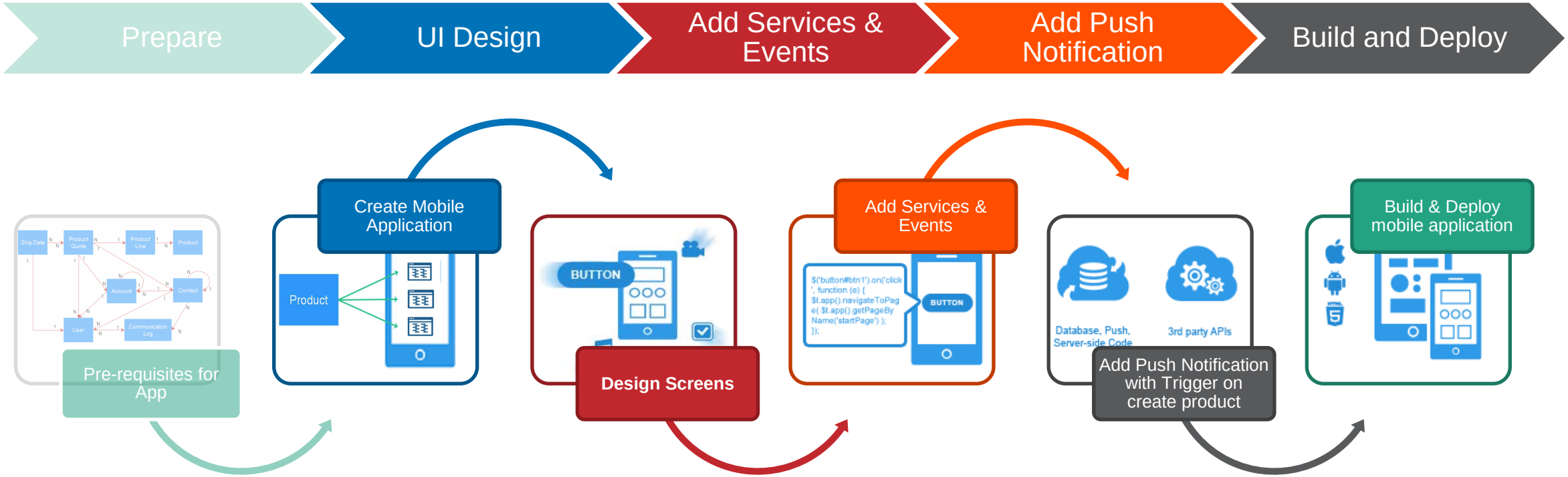
Create Mobile App



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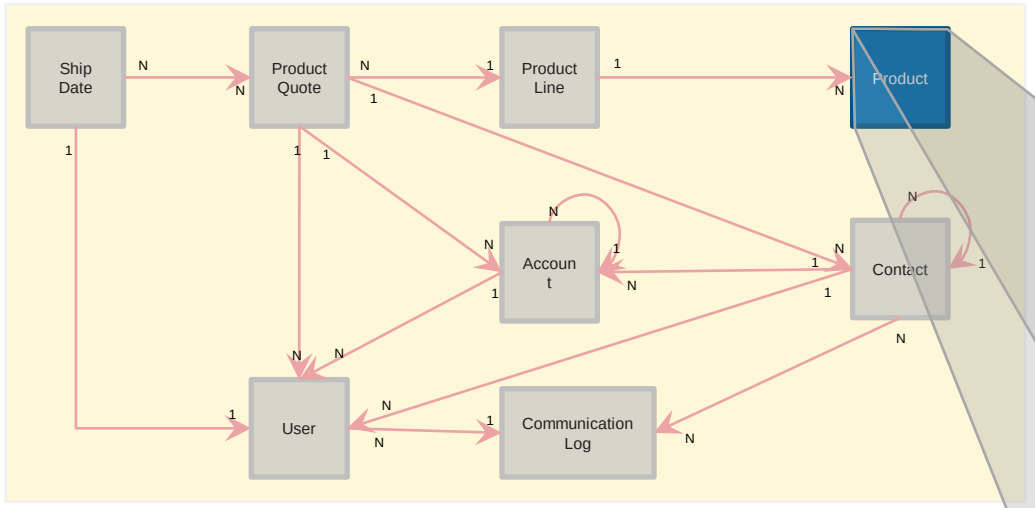
Create Mobile App: Select Objects & Views



Product

Views

All Products By Category

All Products

All Products by product line

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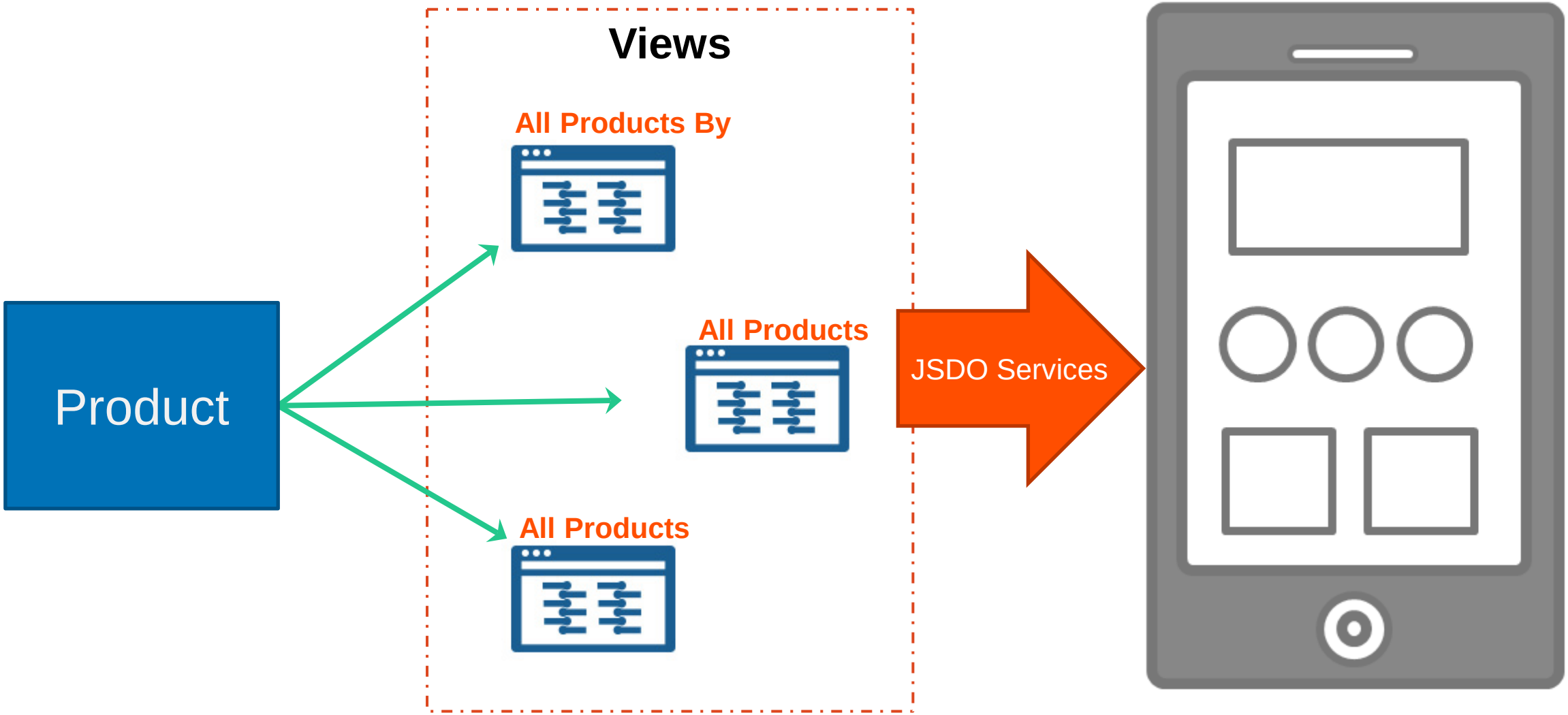
Create Mobile App: Select Objects & Views



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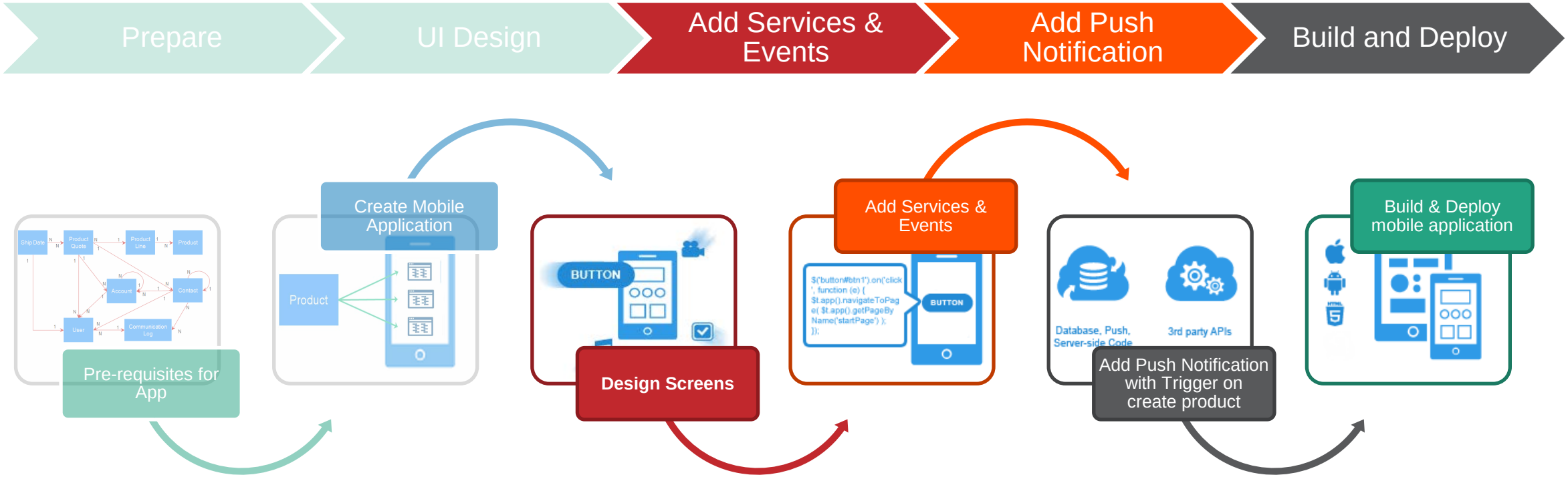
Design Screens



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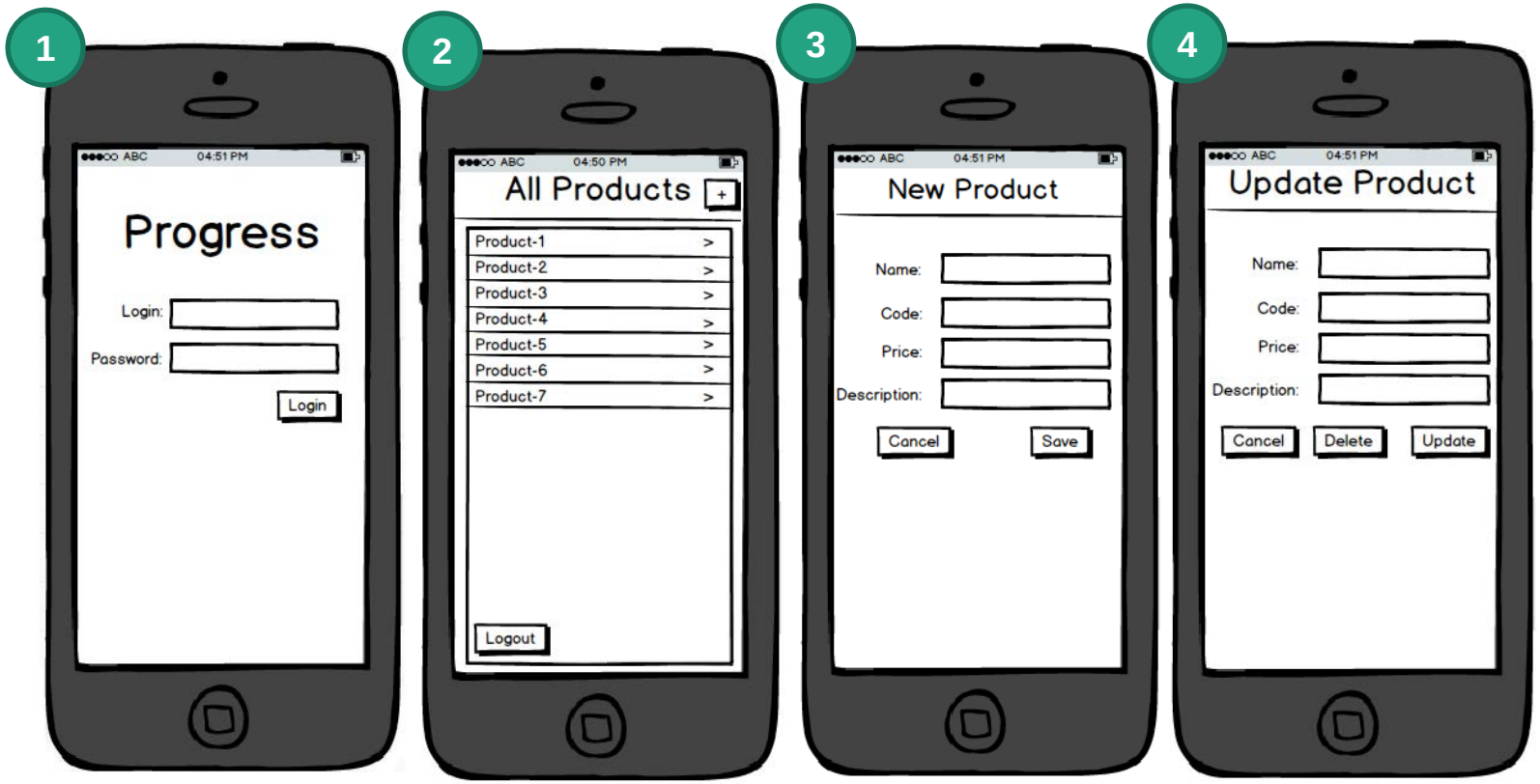
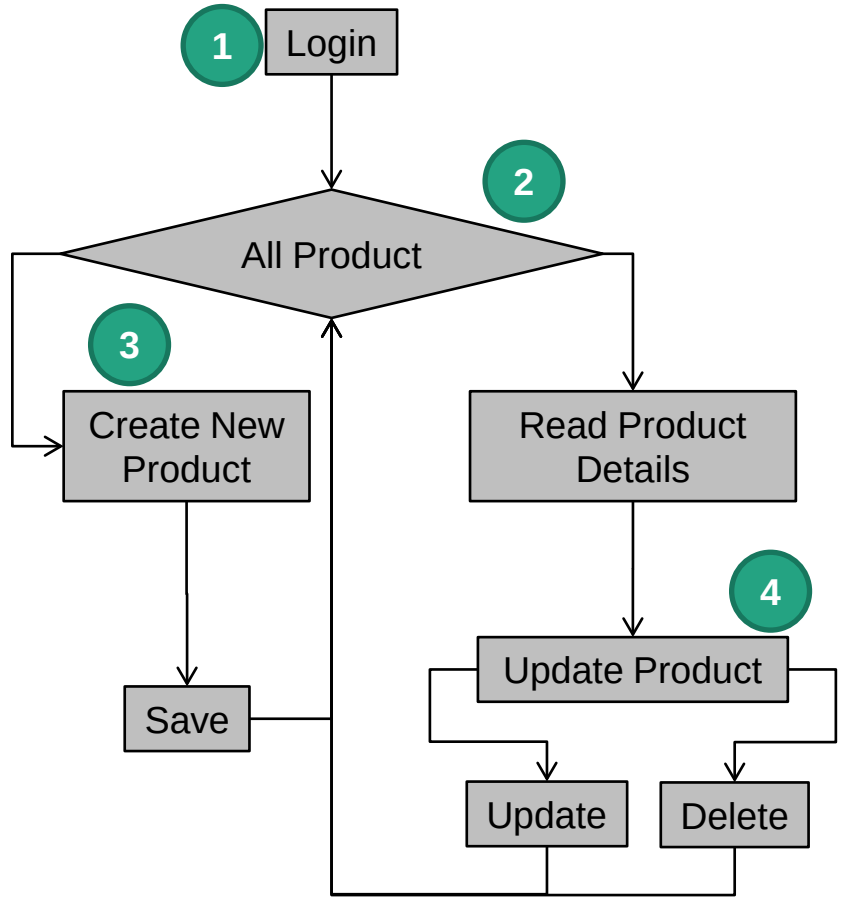
Design Screens: CRUD Screens





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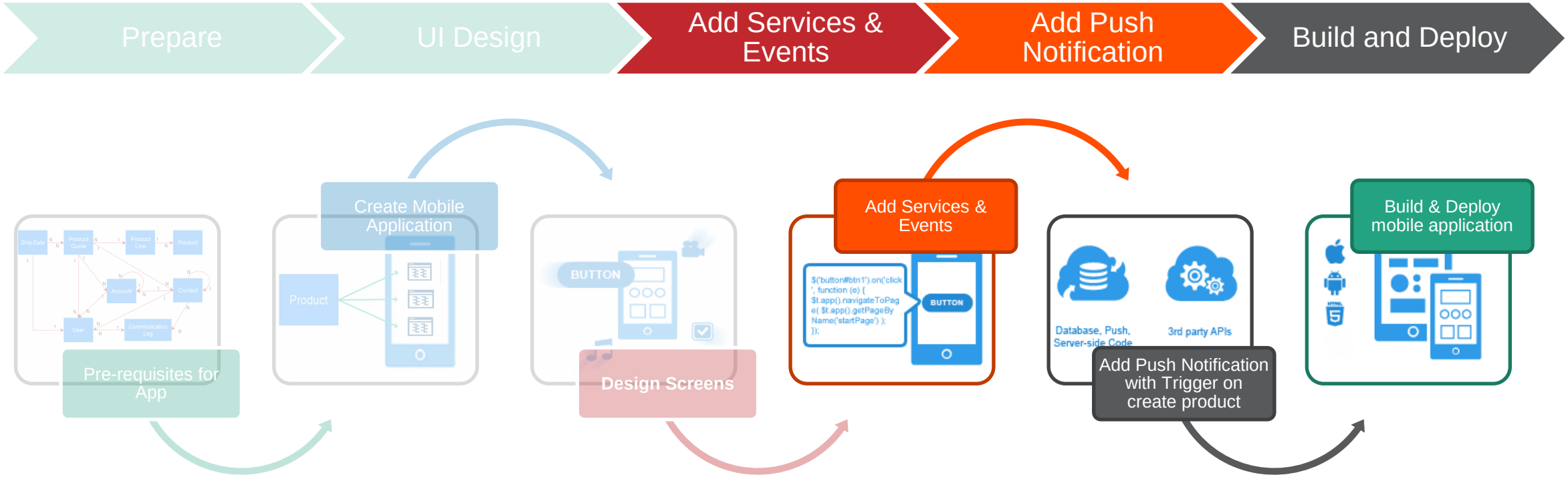
Add Services & Events



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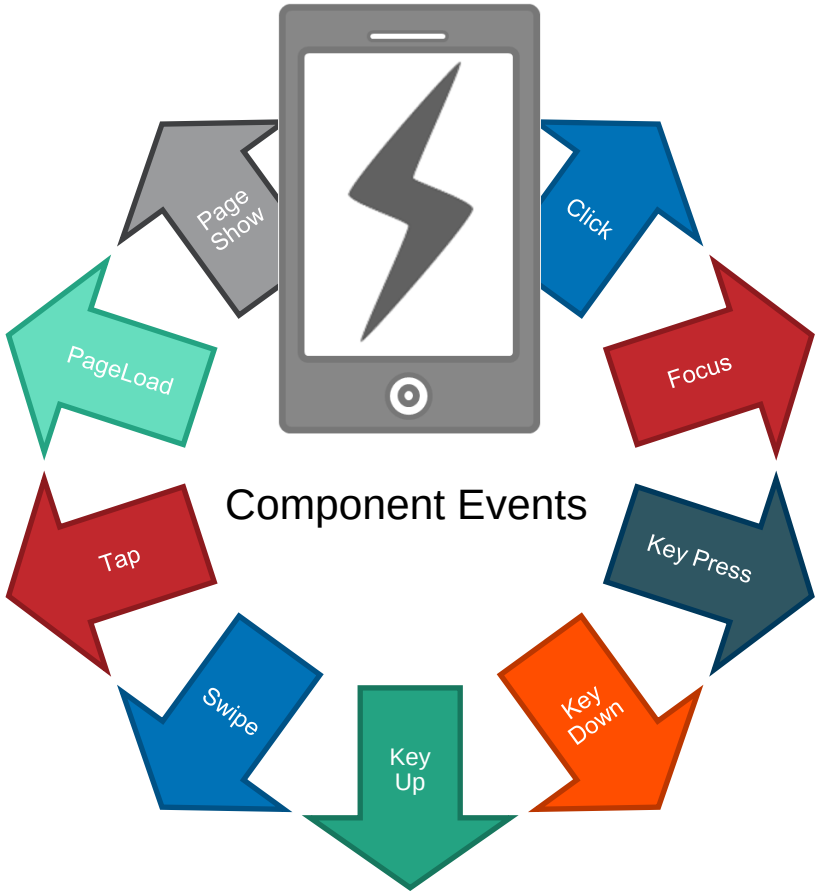
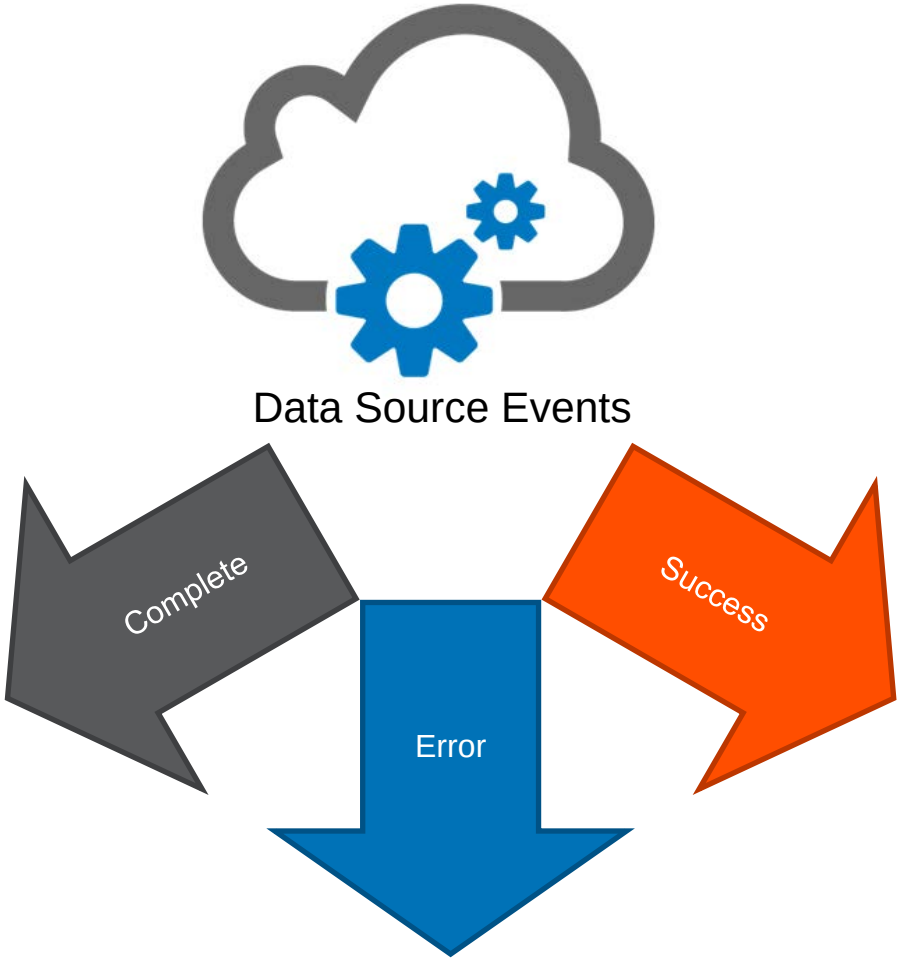
Add Services & Events





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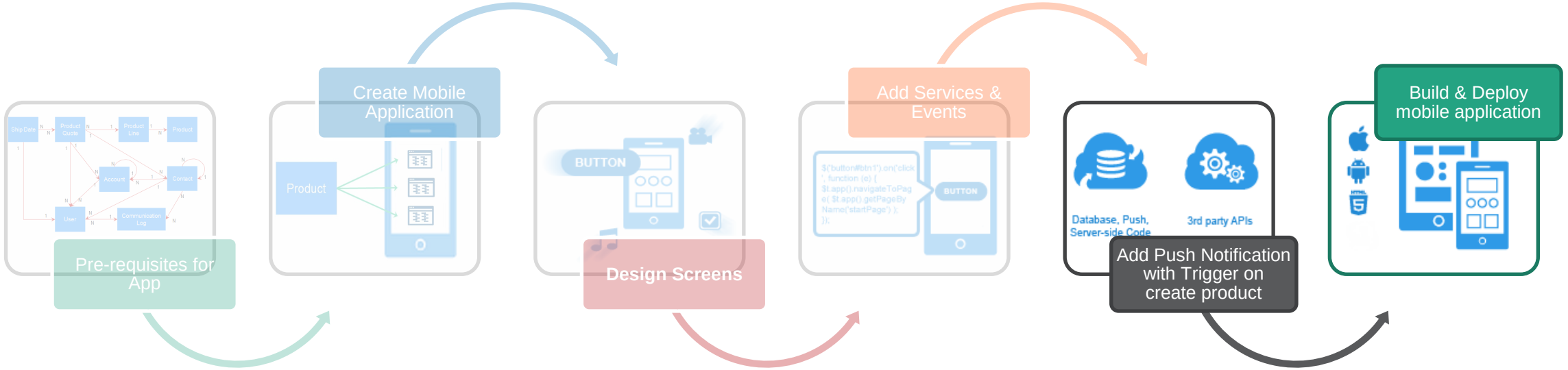
Add Push Notification with Rollbase Triggers

Prepare | UI Design | Add Services & Events | Add Push Notification | Build and Deploy



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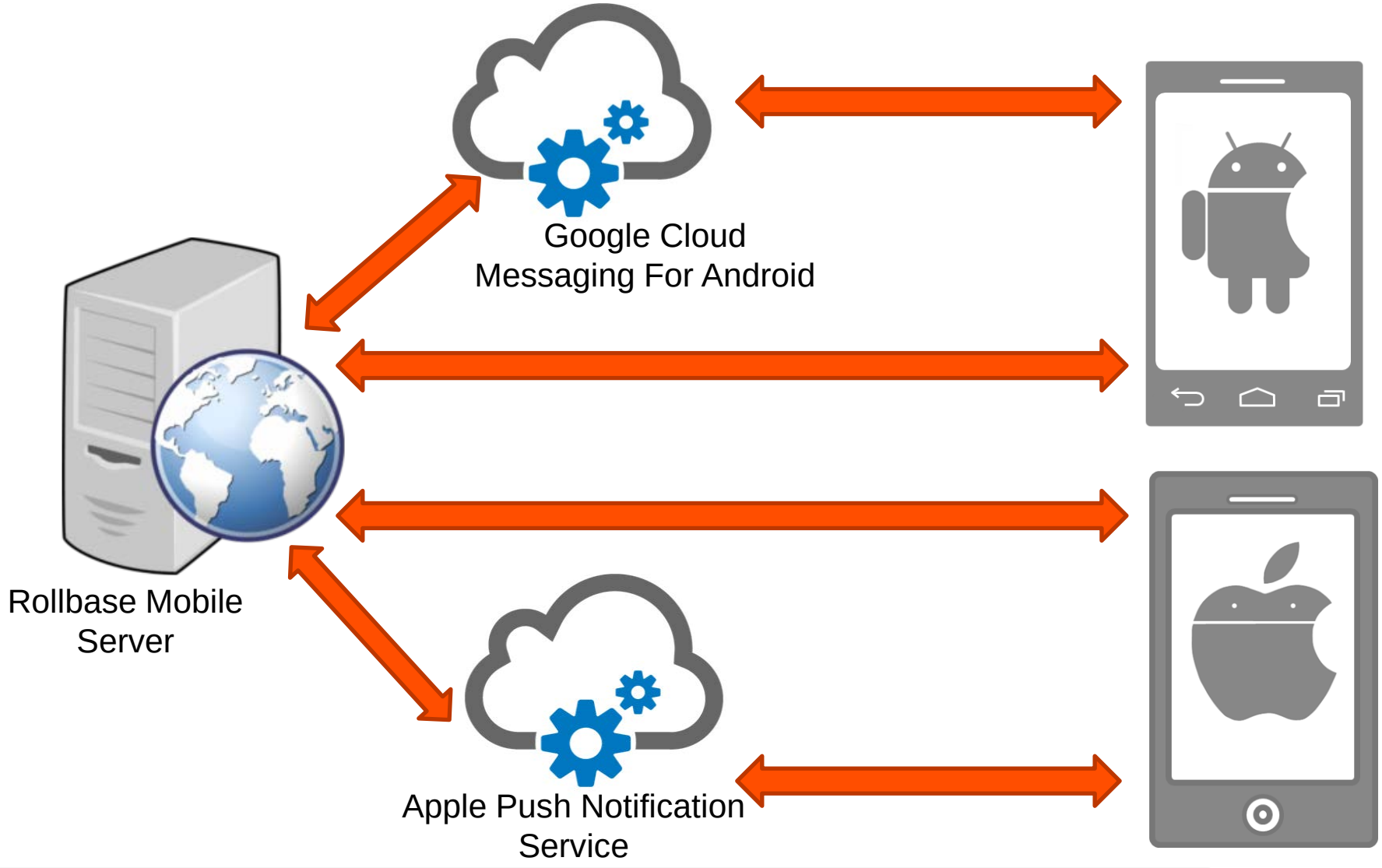
Push Notifications



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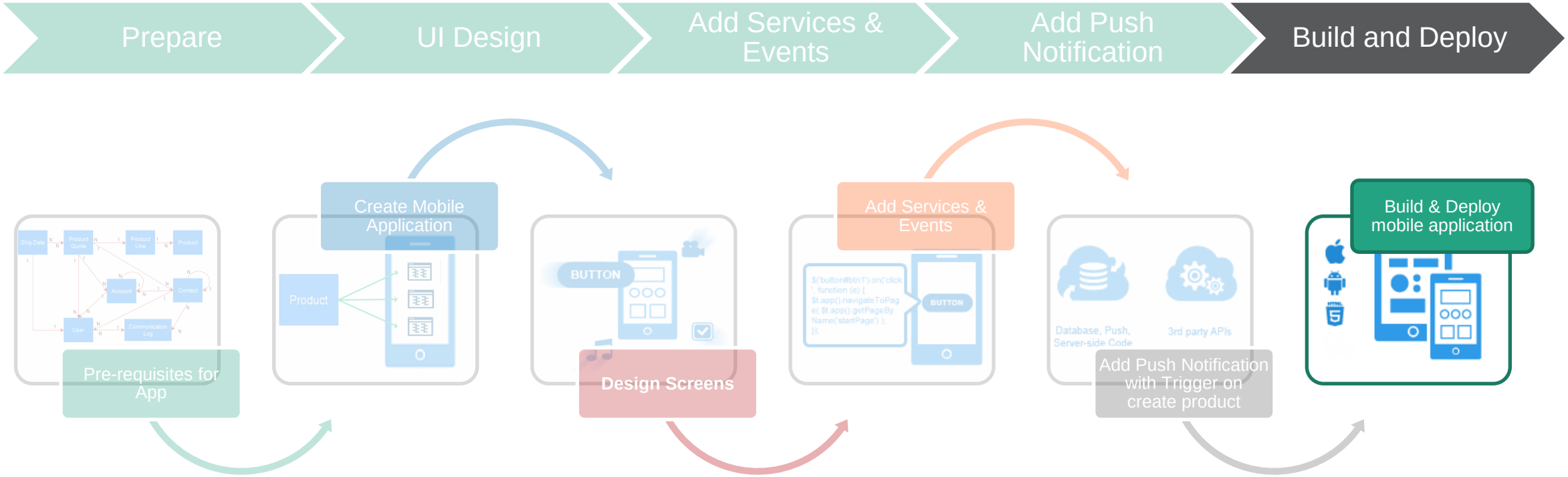
Build & Deploy Mobile Application



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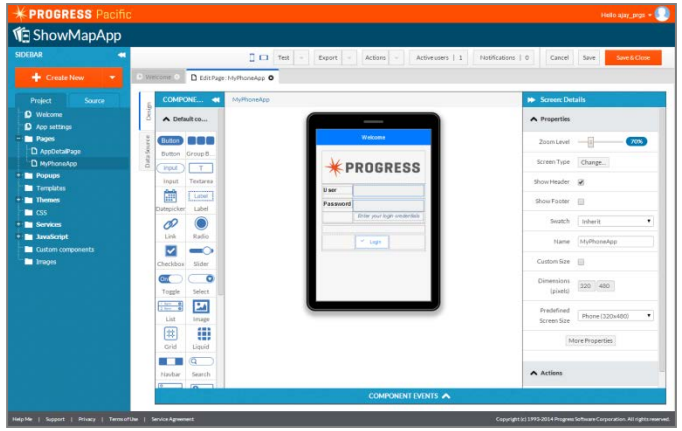
Build & Deploy



Rollbase Mobile App Builder

Rollbase Mobile Build Server

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Benefits

- **Easily assemble, deploy and manage mobile applications** – including the entire application infrastructure

- **Leverage on-premise and cloud-based data sources** as the foundation for your mobile apps

- **Build powerful, visually compelling apps** using a visual developer and standard technologies like HTML5 and JavaScript

- **Support HTML5 applications or native applications** using a hybrid architecture that eliminates costly device-specific coding

- **Provide an intuitive, native mobile experience** using a hybrid architecture that eliminates costly, device-specific coding

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Q&A

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