



Week 3: SAP Fiori for iOS User Experience

Unit 1: SAP Fiori for iOS Apps and Design

SAP Fiori for iOS Apps and Design

Enterprise apps for iOS

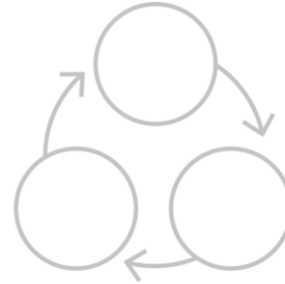
Methodologies driving transformational apps



User research
and ride-alongs



New technology
adoption



Ideation and
visualization



New blueprints and
app roadmaps

SAP Fiori for iOS Apps and Design

Instant access to innovation – Leveraging iOS capabilities

Touch ID

Provides secure biometric login to enterprise apps or to legitimize actions like payments or approvals

Location Services

Provides location-specific information like weather and traffic warnings or info on assets close-by

Maps

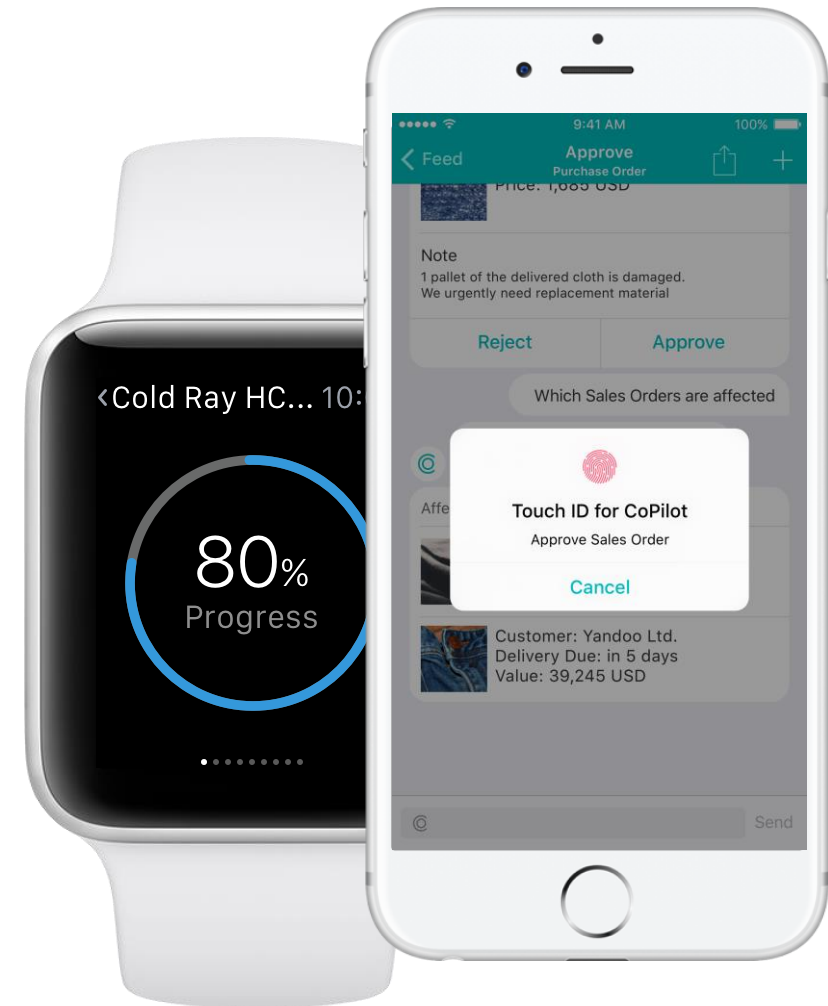
Presents location and destination guidance

Notification

Pushes important information like schedule changes, updates, or warnings, immediately to end users

Facetime

Ad hoc communication e.g. between maintenance technician and technical back-office experts



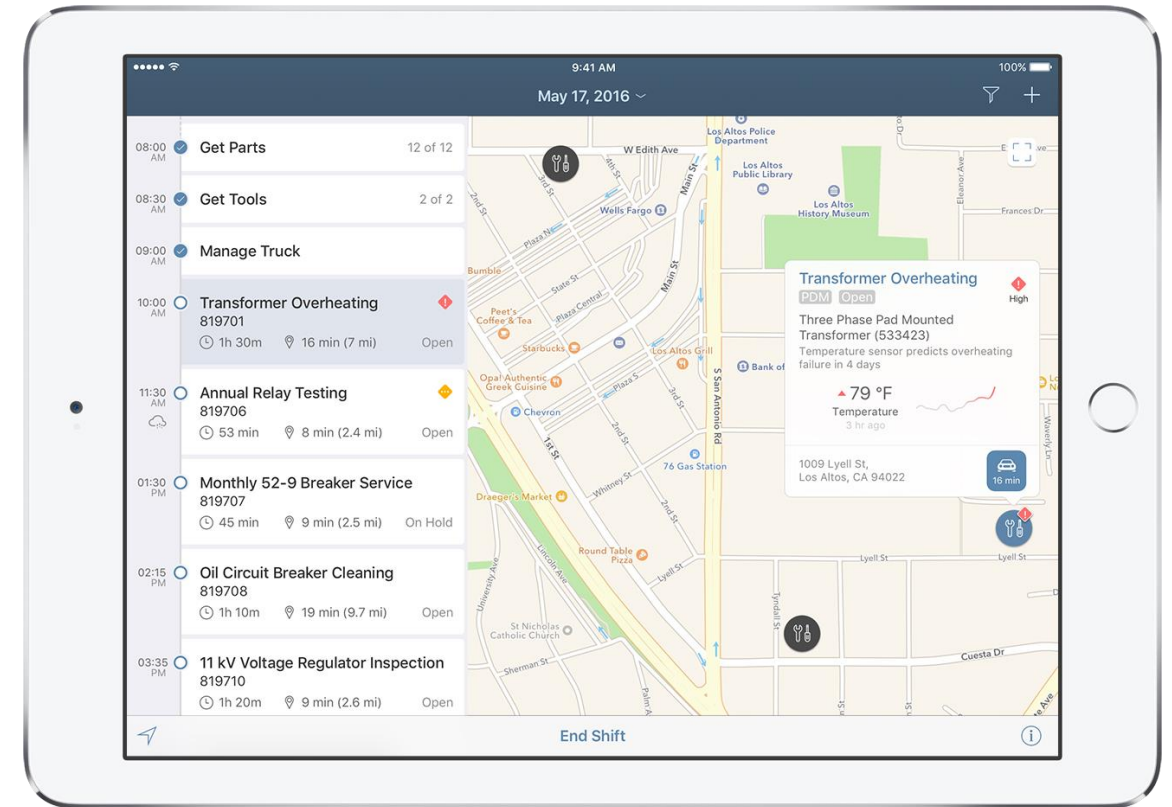
SAP Fiori for iOS Apps and Design

Example: SAP Asset Manager

SAP Asset Manager

Supporting the maintenance technician in

- Managing work orders & notifications
- Condition monitoring
- Material consumption and
- Time management



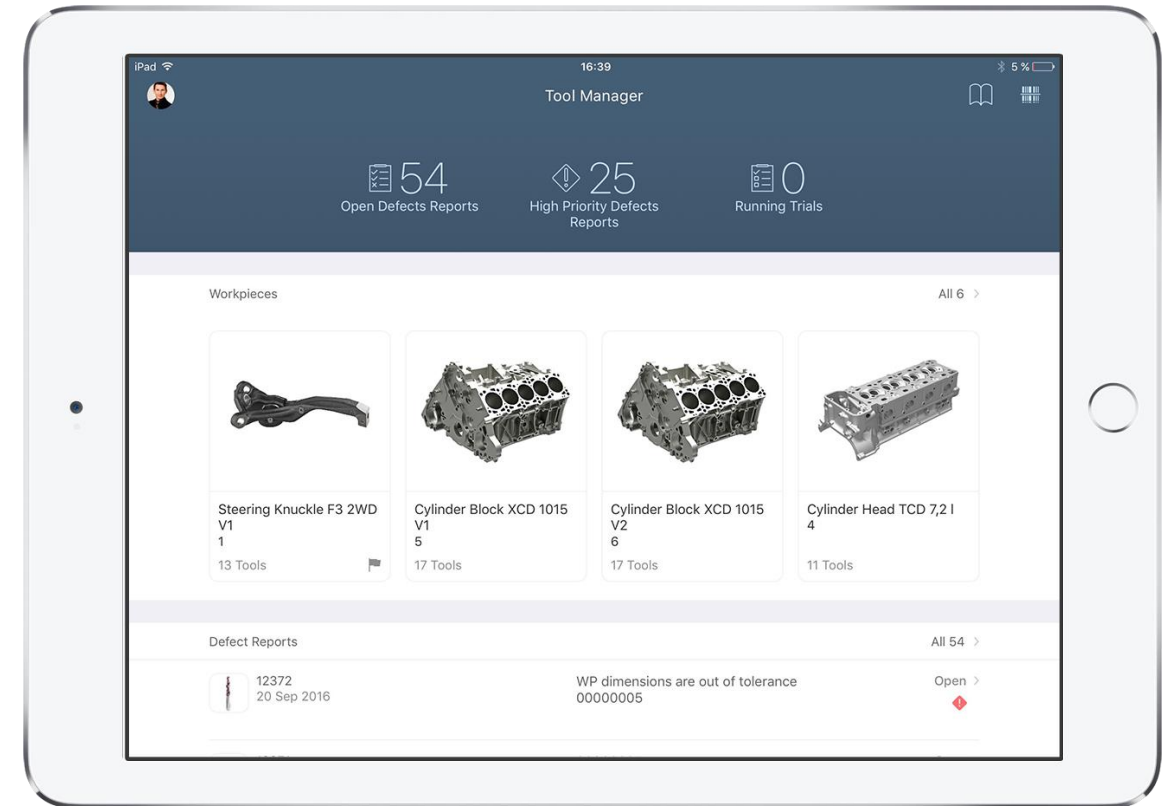
SAP Fiori for iOS Apps and Design

Co-innovation

Customer Story

Our customer is a leading producer and vendor of CNC tooling and metal machining. A tool manager is responsible for all CNC tool-related questions in production (defects, testing, planning, supply management).

- Front-end tool to access the back end for shop floor usage
- Provides context-aware (via DMC scanner) technical detail data about actual use cases, technical data and planning data for CNC tooling
- Helps communicate with all parties involved in the CNC tool lifecycle



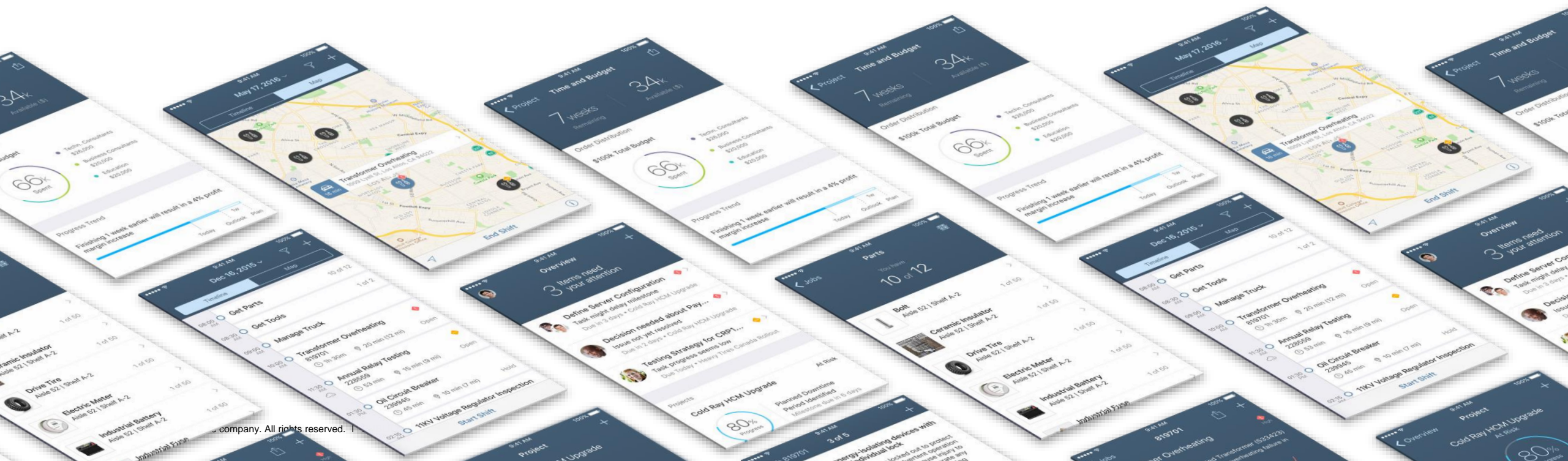
SAP Fiori for iOS Apps and Design

Defining SAP Fiori for iOS

Based on iOS Human Interface Guidelines (HIG)

Enhanced with new reusable UI elements and floorplans

Provides design guidelines, patterns, and frameworks



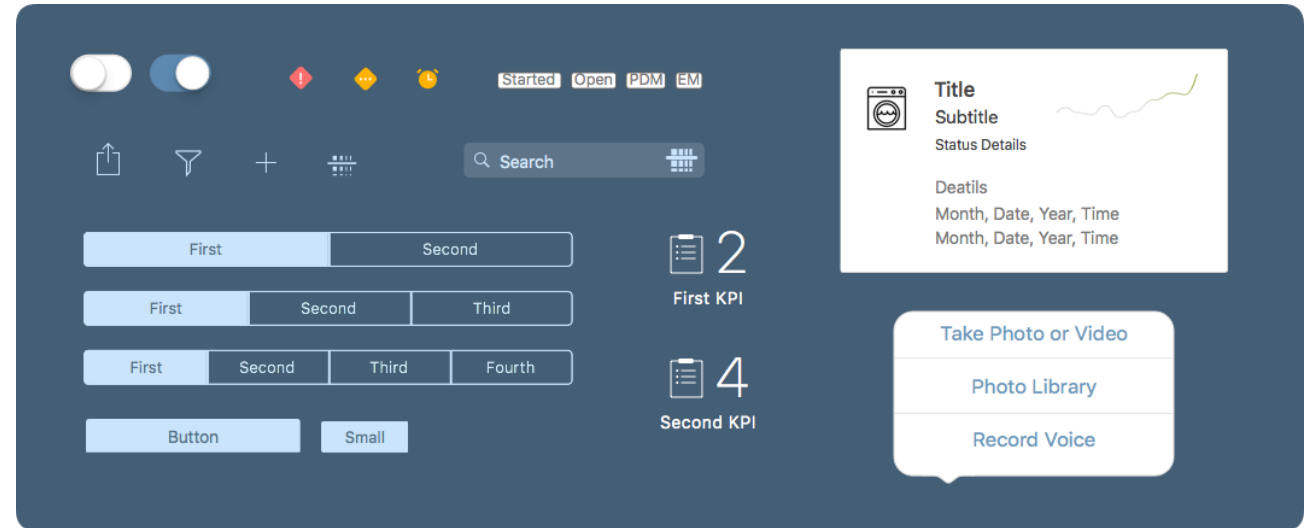
SAP Fiori for iOS Apps and Design

SAP Fiori for iOS Design Guidelines – Enterprise-grade Design for iOS interface

SAP Fiori for iOS Design Guidelines

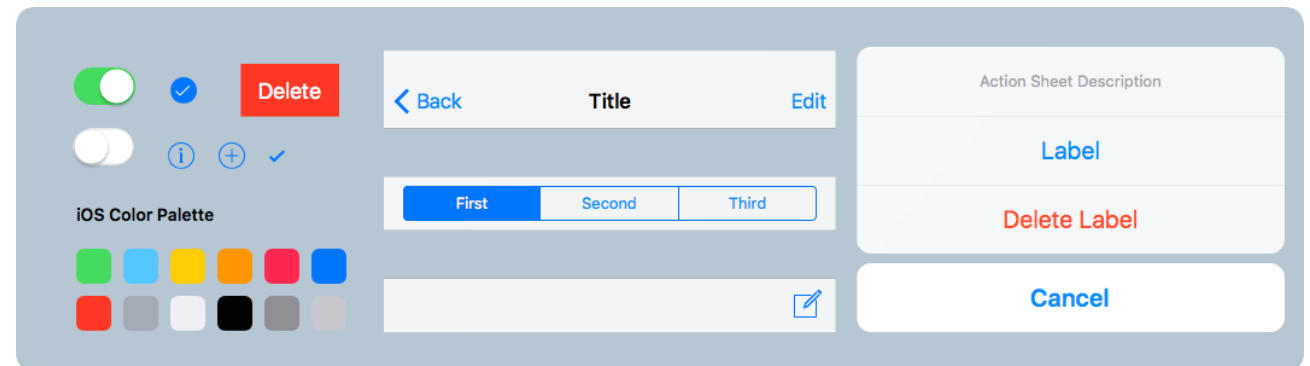
Based on HIG (Human Interface Guidelines) from Apple, we enhance or create new patterns, controls,...

Basic patterns, controls...




Apple Human Interface Guidelines

Basic patterns, controls...



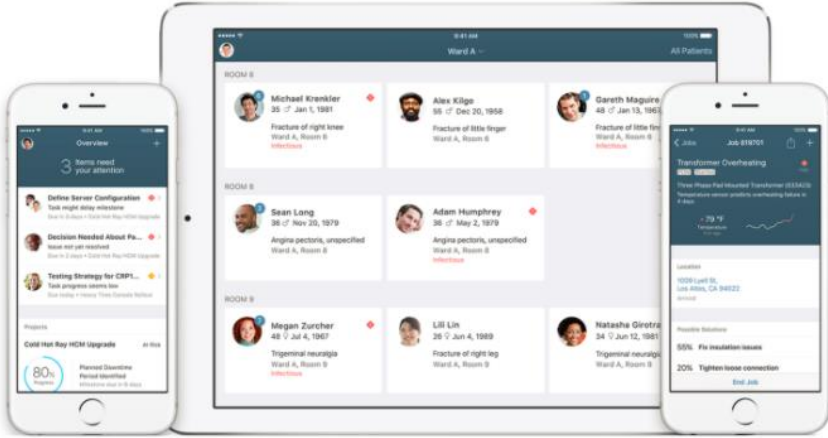
SAP Fiori for iOS Apps and Design

Discover Web Site & SAP Fiori for iOS Design Guidelines

 **Fiori for iOS Design Guidelines**

SAP Fiori for iOS

We created a design language that unifies our deep understanding of business user needs and the rigorous requirements of the modern enterprise with the principles of good iOS design. It is SAP Fiori for iOS. With the design language, we are empowering our partners and customers to make beautiful, native mobile apps.



GET STARTED

Get to know the basics and principles behind SAP Fiori for iOS.

EXPLORE

Learn about the floorplans, patterns, and UI elements that make up SAP Fiori for iOS.

Designing for iOS

Take a look at the iOS Human Interface Guidelines.

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<http://discover.sap.com/apple/en-us/index.html>

<https://experience.sap.com/fiori-design/>

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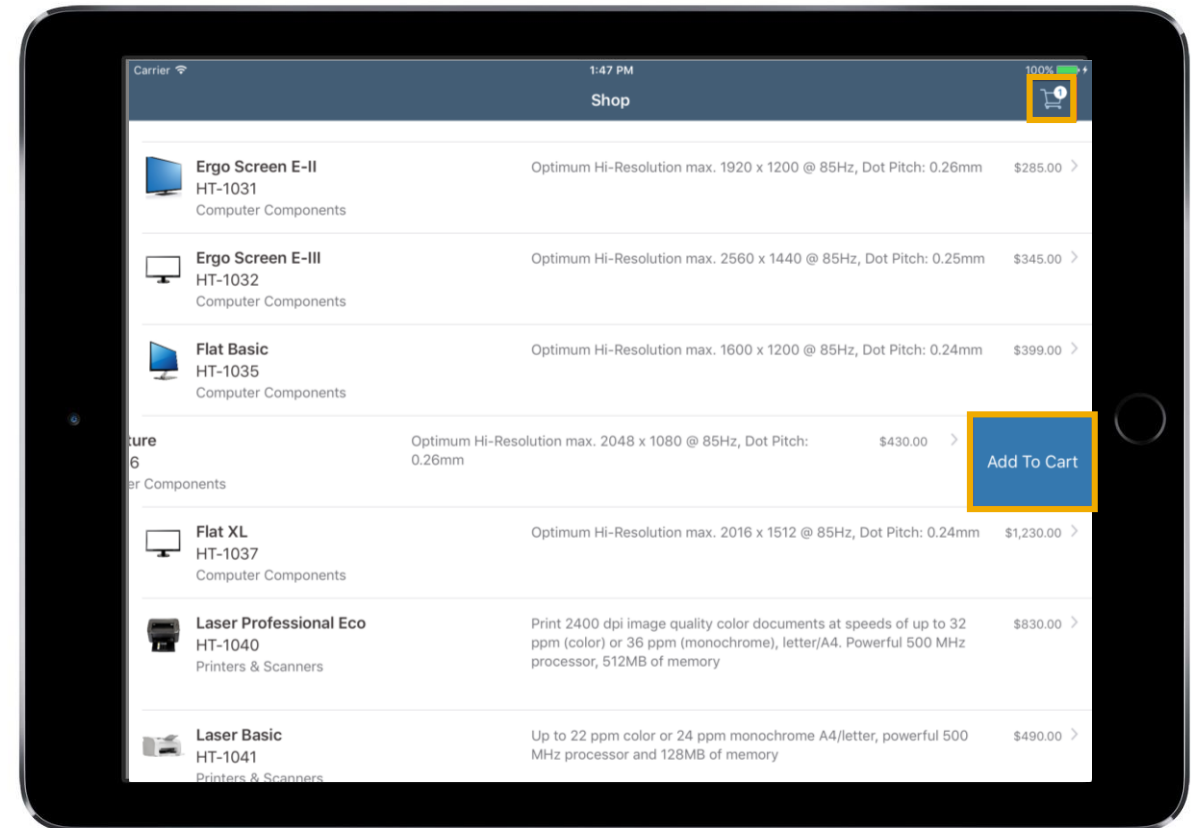
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Unit 2: Adding Products to the Shopping Cart

Adding Products to the Shopping Cart

Goal:

- Add functionality to allow products to be added to the shopping cart



Adding Products to the Shopping Cart

Hands-on



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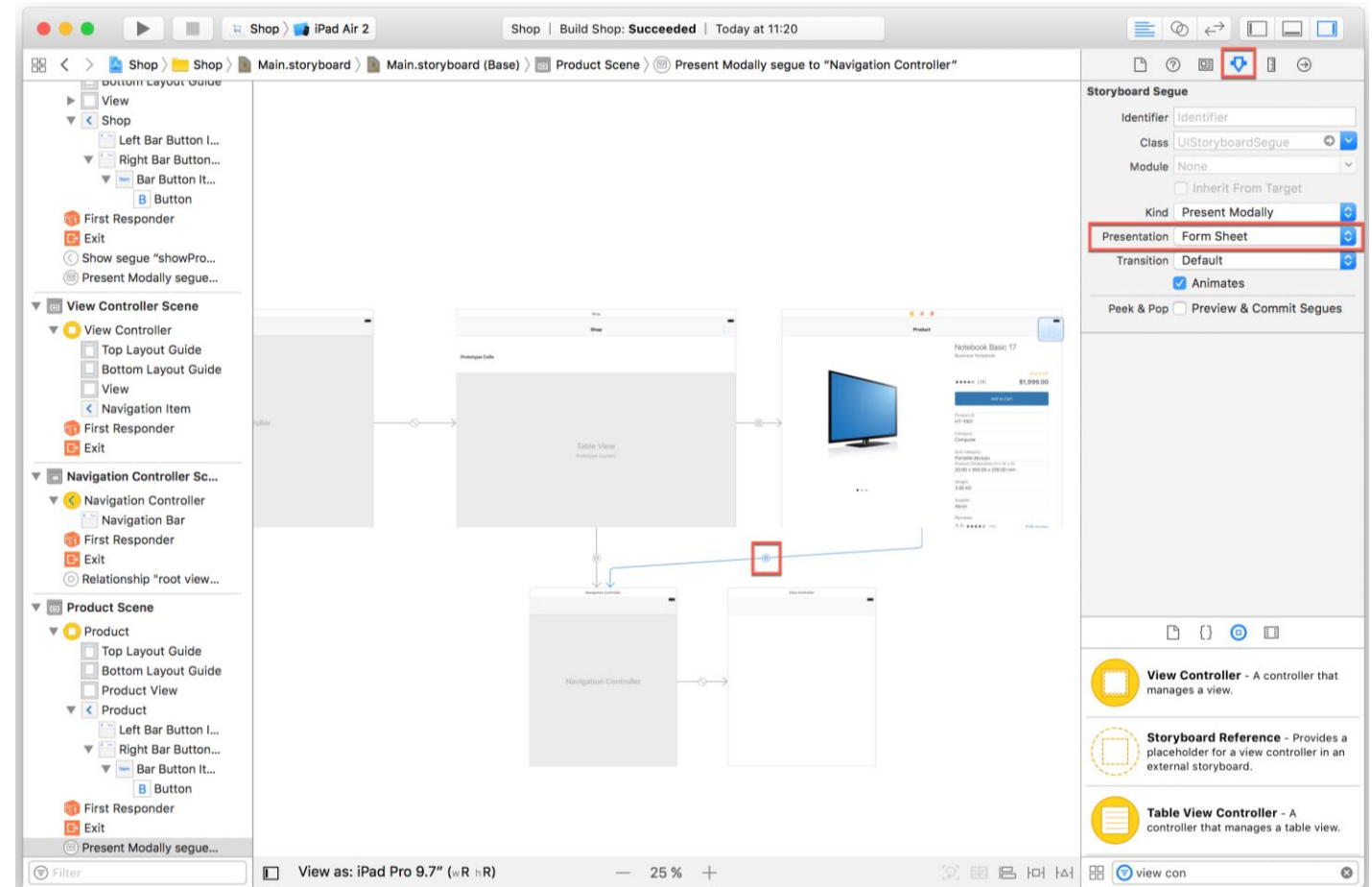
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Unit 3: Defining the Navigation Flow

Defining the Navigation Flow

Goal:

- Define the navigation flow in Interface Builder to display the shopping cart



Defining the Navigation Flow

Hands-on



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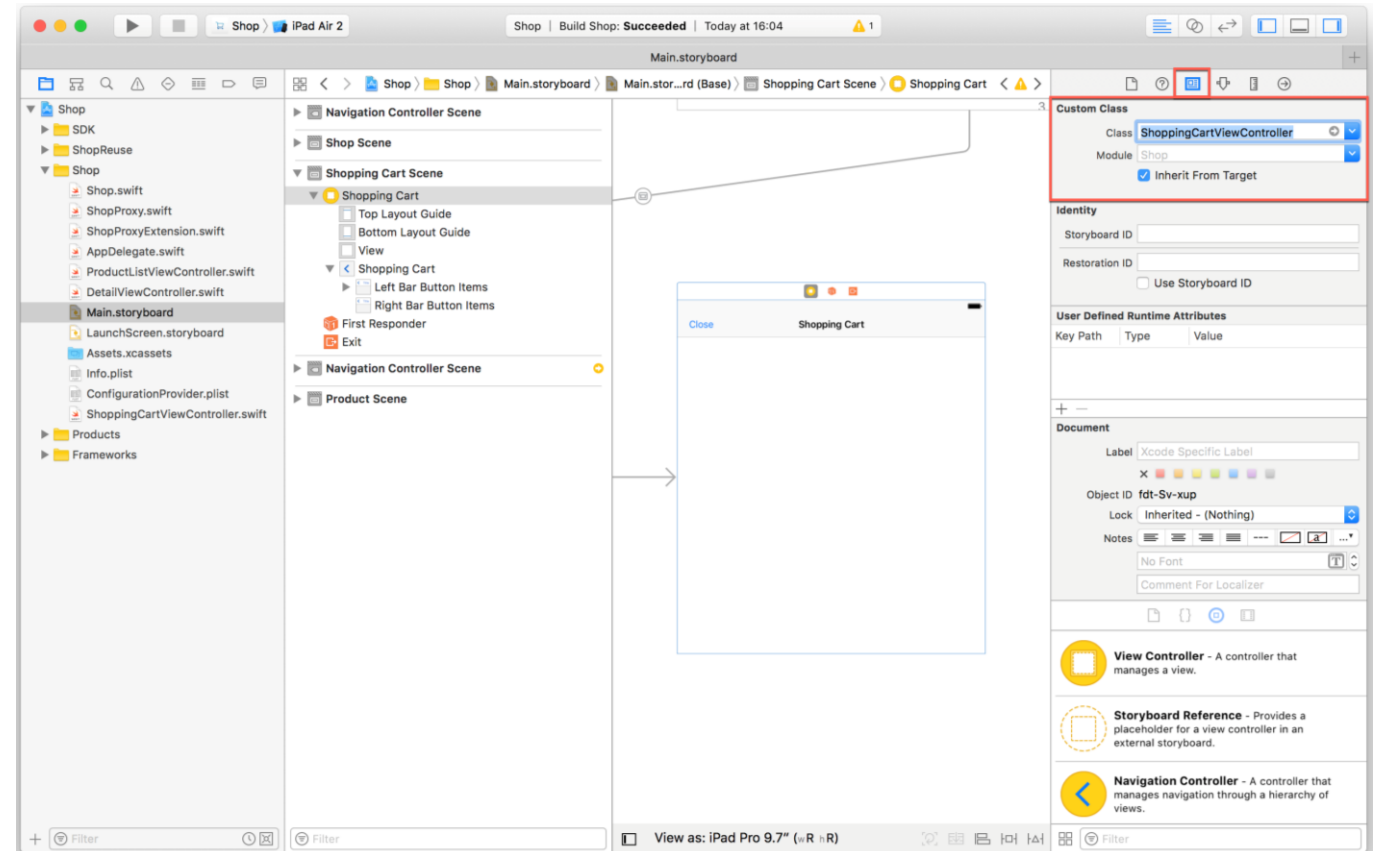
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Unit 4: Creating the Shopping Cart View Controller

Creating the Shopping Cart View Controller

Goal:

- Create the `ShoppingCartViewController` custom class and use it for the shopping cart
- Implement the Close button on the shopping cart screen



Creating the Shopping Cart View Controller

Hands-on



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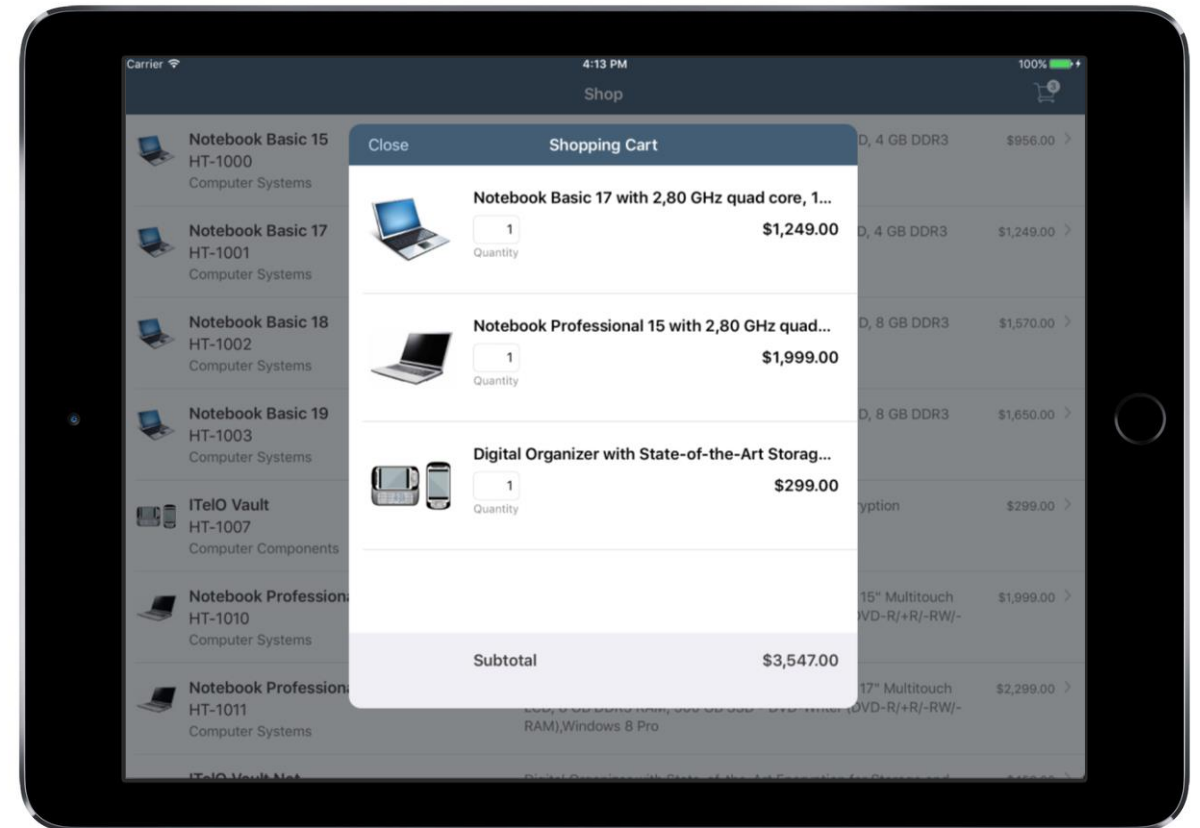
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Unit 5: Loading and Displaying the Shopping Cart

Loading and Displaying the Shopping Cart

Goal:

- Load the shopping cart data
- Update the shopping cart footer accordingly



Loading and Displaying the Shopping Cart

Hands-on



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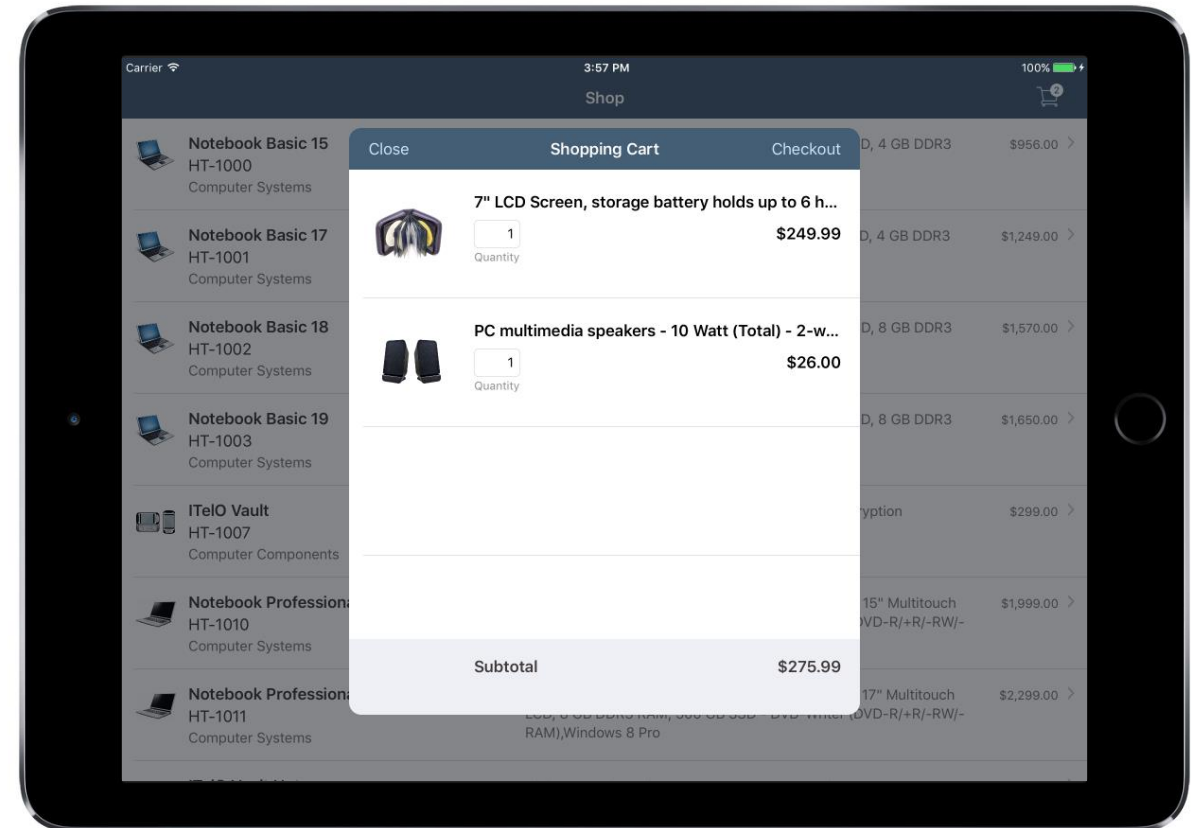
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Unit 6: Removing and Changing the Quantity of Items and Checkout

Removing and Changing the Quantity of Items and Checkout

Goal:

- Implement changing the quantity of items
- Implement the removal of items
- Add a Checkout button and implement the checkout



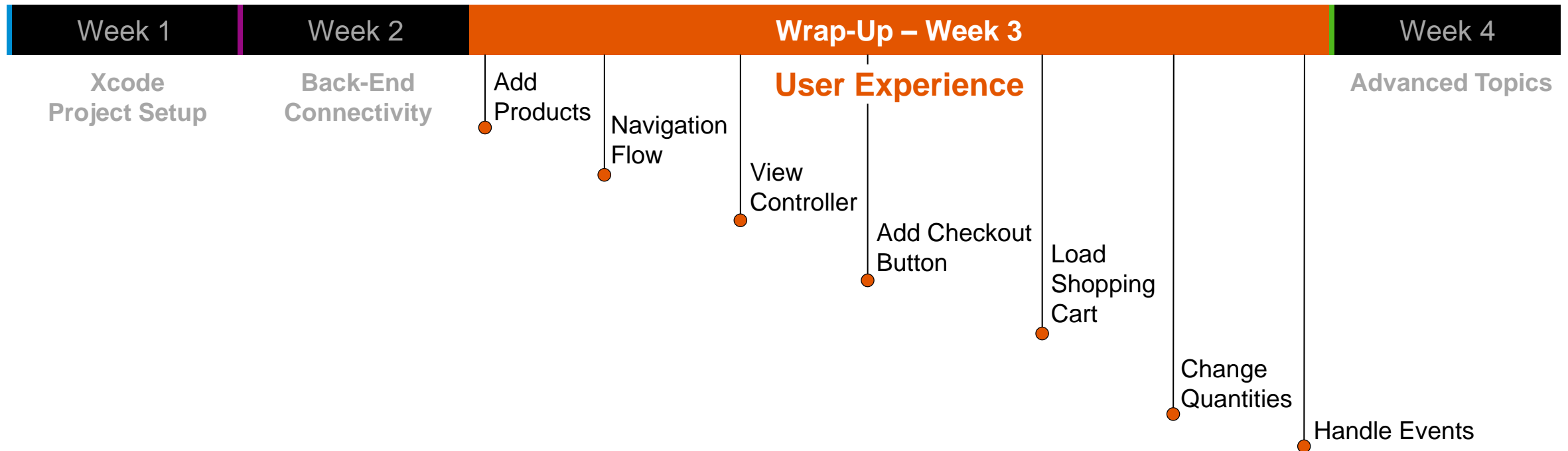
Removing and Changing the Quantity of Items and Checkout

Hands-on



Removing and Changing the Quantity of Items and Checkout

Wrap-up Week 3: hands-on Shopping Cart app development



Removing and Changing the Quantity of Items and Checkout

Demo – SAP Fiori for iOS user



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