



INTEGRATION
& MIDDLEWARE



SIMPLIFY **INTERACTIONS** ACROSS DIGITAL DEVICES



UI Strategy Execution for a Global Logistics Provider

CUSTOMER DESCRIPTION

The customer is a Europe-based global integrated logistics provider.

BUSINESS NEED

- ▶ Eliminate inconsistency in the User Interface (UI) for internal and external application portfolio
- ▶ Enable Responsive UI - built to work on multiple devices
- ▶ Control cost of UI development

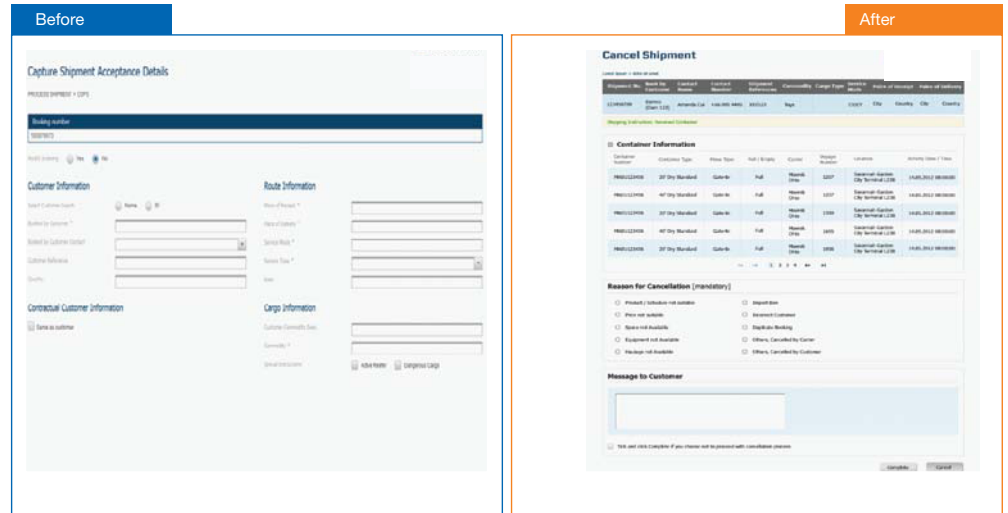
UI REQUIREMENTS

- ▶ Clear segregation between client and server side
- ▶ Replaceable client or server layer
- ▶ Support multi-branding, localization, internationalization and security
- ▶ Allow optimization and complex interactions
- ▶ User friendly UI controls and separation of UI (Cascading Style Sheets (CSS)/ HyperText Markup Language (HTML) from interaction (JavaScript)
- ▶ Support progressive enhancement and graceful degradation for error handling
- ▶ Best-of-breed tools with active community support

HCL's APPROACH

- ▶ Deliver an approved UI Reference Architecture
- ▶ Complete and continuously update the UI Developer handbook
- ▶ Create UI Live Showcase for User Experience Design (UXD) patterns for desktop and mobile
- ▶ Automate Build and Deploy process using Play2, Maven and Hudson
- ▶ Deliver UI Proof of Concept using existing Service Oriented Architecture (SOA) services
- ▶ Incorporate cross-browser compatibility using Polyfills

Difference



BUSINESS BENEFITS

- Enhanced usability
- Enabled the reuse of assets such as common UI controls, standards, templates, tools, code generators, and sample applications across the enterprise
- Reduced design and development time and cost
- Established a quality code by adhering to best practices
- Created a strategy for developing applications such as mobile, desktop, UI centric applications and platforms etc.,
- Developed a UI CoE framework for updating and governance

Responsive and Adaptive Component Library

The screenshot displays the OneUI Community website. On the left is a navigation menu with categories like 'Displaying data', 'Carousel', 'Overlay', etc. The main content area features a 'Carousel' component with a navigation tab (Desktop/Mobile) and a slide showing an industrial scene with the text 'Second Thumbnail label'. Below the carousel is a code editor showing HTML, CSS, JS, JSON, and Annotation tabs, with the HTML code for the carousel slide visible.

TOOLS AND TECHNOLOGIES

Next Gen UI

Polyfills

Backbone.js

Maven

Play2

Hudson

Twitter Bootstrap

- APPLICATION SUPPORT & MAINTENANCE
- BIG DATA & BUSINESS ANALYTICS
- BUSINESS ASSURANCE & TESTING
- CLOUD, DIGITAL EXPERIENCE & MOBILITY
- COLLABORATION, CONTENT & SOCIAL
- CUSTOMER RELATIONSHIP MANAGEMENT
- DIGITAL SYSTEMS INTEGRATION
- E-COMMERCE & OMNI-CHANNEL
- ENTERPRISE RESOURCE PLANNING
- HUMAN CAPITAL MANAGEMENT
- MODERN APPLICATION DEVELOPMENT
- PLATFORMS & INTEGRATION



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