



## Phase 6 Summary: User Interface Development

Creating a professional and custom user experience through both declarative tools and custom code development.

# Development Approach Overview

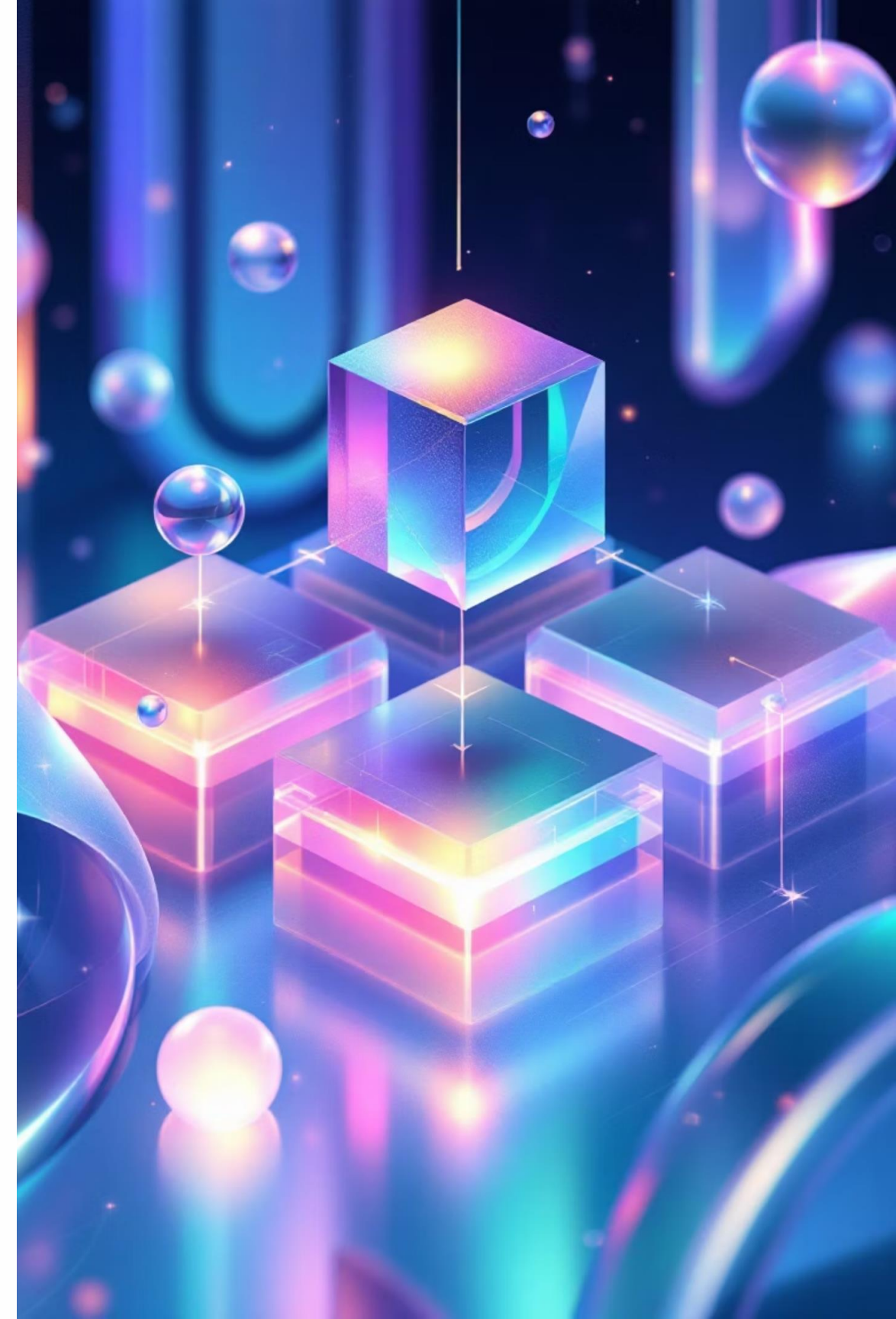
## Declarative UI

Building core interfaces using Salesforce's built-in tools - clicks, not code approach for rapid development

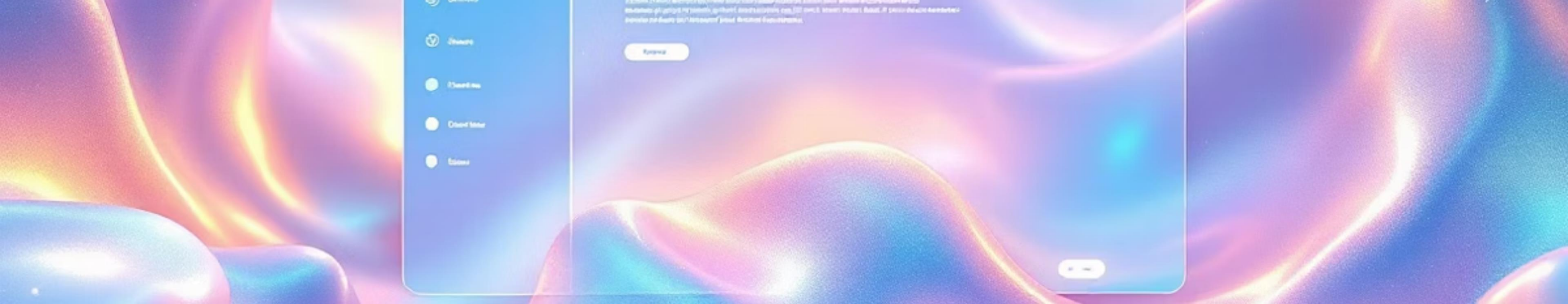
## Programmatic UI

Custom Lightning Web Components for advanced functionality beyond standard capabilities

This dual approach maximizes efficiency while ensuring we can deliver both standard functionality and custom features tailored to salon operations.







# Part 1: Declarative UI Development

We began by leveraging Salesforce's powerful declarative tools to build the foundation of our salon management interface. This approach allows us to create professional applications without writing code, using point-and-click configuration.

01

---

## App Creation

Setting up the core Salon Console application structure

02

---

## Dashboard Design

Building a custom home page for salon operations



# Creating the Salon Console App

## Navigation Setup

- Accessed Setup > App Manager for application configuration
- Created new Lightning App named "Salon Console"
- Set Navigation Style to "Standard" for horizontal tab display
- Added essential navigation items: Home, Appointments, Contacts, and Services

## Profile Assignment

Assigned the application to key user profiles:

- **Receptionist** - Front desk operations
- **Stylist** - Service delivery
- **System Administrator** - Full access

## App Settings

### App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

Navigation Rules

User Profiles

## App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

### App Details

\* App Name ⓘ

Salon Console

\* Developer Name ⓘ

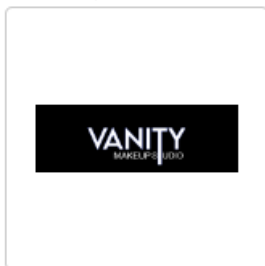
Salon\_Console

Description ⓘ

The primary application for managing salon appointments and clients

### App Branding

Image ⓘ



[Clear](#)

Primary Color Hex Value ⓘ

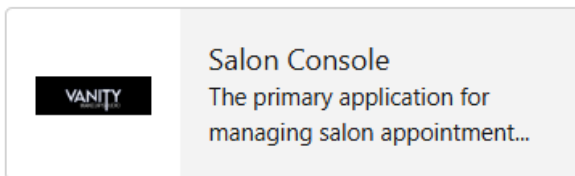


#000000

Org Theme Options

☐ Use the app's image and color instead of the org's custom theme

### App Launcher Preview



App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

Navigation Rules

User Profiles

javascript:void(0)

### Navigation Items

Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't support.

#### Available Items

Create ▾

Type to filter list...

Accounts

Activation Targets

Activations

All Sites

Alternative Payment Methods

Analytics

App Launcher

Appointment Categories

Appointment Invitations

Approval Requests

Approval Submission Details

Approval Submissions

Approval Work Items

#### Selected Items

Home

Appointments

Services

Contacts

Reports

Dashboards



**App Settings**

[App Details & Branding](#)

[App Options](#)

[Utility Items \(Desktop Only\)](#)

[Navigation Items](#)

[Navigation Rules](#)

**User Profiles**

## User Profiles

Choose the user profiles that can access this app.

### Available Profiles

🔍 Type to filter list...

Analytics Cloud Integration User

Analytics Cloud Security User

Anypoint Integration

Authenticated Website

Authenticated Website

B2B Reordering Portal Buyer Profile

Contract Manager

Custom: Marketing Profile

Custom: Sales Profile

Custom: Support Profile

Customer Community Login User

Customer Community Plus Login User

Customer Community Plus User

Customer Community User



### Selected Profiles

System Administrator

Receptionist Profile

Stylist Profile

Salon Owner



# Dashboard Layout Components

1

## Header Section

Rich Text component displaying "Salon Dashboard" title with professional styling and branding elements

2

## Middle Column

List View component configured to display "Today's Appointments" with real-time filtering and updates

3

## Side Columns

Today's Tasks component for daily workflow management and Recent Items for quick access to recent records

The page was activated and assigned to the Salon Console app with appropriate profile permissions, ensuring seamless access for all user types.



Components

Search...

⚙ ▾

▼ Standard (43)

📄

Accordion

📄

App Launcher

📄

Assistant

📄

Cdp Metrics Overview

📄

Chatter Feed

⚡

Chatter Publisher

📊

CRM Analytics Collection

📊

CRM Analytics Dashboard

📄

Dashboard

🔒

Data Mask Console Home Compo...

🧠

Einstein Next Best Action

📄

Flow

👤

Flow App Home cards

📄

Generate Batch Documents

📦

Inventory Lookup Component

📄

Invoice Preview

👤

Items to Approve

📊

Key Deals

📄

Launchpad

Get more on the AppExchange

Salon Dashboard

👤 Client Search

Search by Client Name

🔍

Name	Phone	Email
------	-------	-------

Today's Tasks

Nothing due today. Be a go-getter, and check back soon.

View All

Today's Appointments

4 items, sorted by Appointment Date & Time  
Filtered by Appointment Date & Time

25/09/2025, 1:15 am

Service: SERV-0001  
Stylist: Satpreet Dewan  
Status: Scheduled

25/09/2025, 2:00 pm

Service: SERV-0003  
Stylist: Anita Maravi

25/09/2025, 6:00 pm

Service: SERV-0002  
Stylist: Satpreet Dewan  
Status: Scheduled

25/09/2025, 6:30 pm

Service: SERV-0002  
Stylist: Chatter Expert  
Status: Scheduled

Standard.RecentItems (3)

👤 Mr. Test Client

Title  
Account Name  
Phone 08269939829  
Email ayushdewan777@gmail.com  
Mobile  
Contact Owner Anita Maravi

👤 reena

Title  
Account Name  
Phone (986) 574-3521  
Email reena@gmail.com  
Mobile  
Contact Owner Ayush Kumar Dewan

👤 July Walker

Title  
Account Name  
Phone 617-555-0170  
Email julywalker@brain.com  
Mobile  
Contact Owner Ayush Kumar Dewan

Page

\* Label

Salon Dashboard

\* API Name

Salon\_Dashboard

\* Page Type

Home Page

Template

Header and Three Regions

Change

Description

# Part 2: Programmatic UI Development

Moving beyond declarative capabilities, we developed custom Lightning Web Components to provide advanced functionality tailored specifically to salon operations. This programmatic approach enables features not possible with standard Salesforce tools alone.

1

Apex Controller Creation

Building the server-side logic for data operations

2

Lightning Web Component Development

Creating the client-side interface and functionality

3

UI Integration

Deploying and integrating the custom component



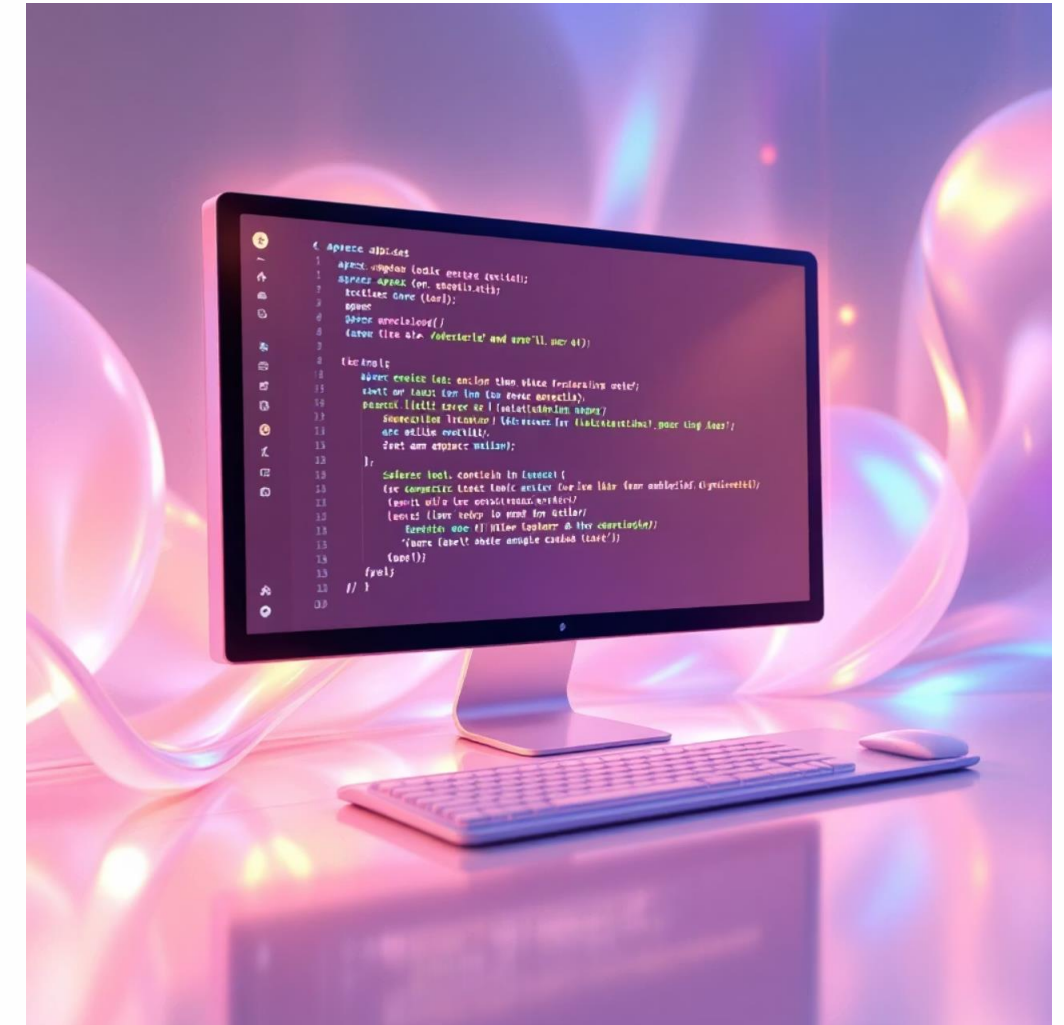
# Building the Apex Controller

## ContactSearchController Development

Created in Visual Studio Code with the following specifications:

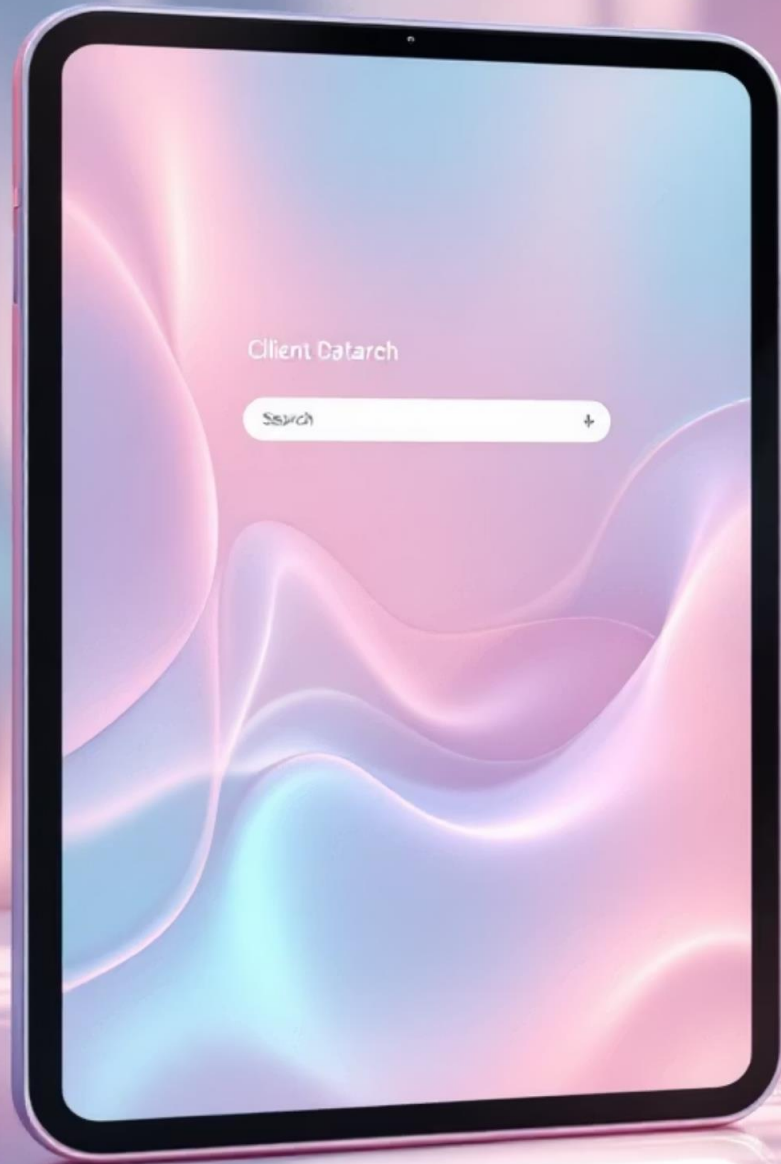
- New Apex class named `ContactSearchController`
- Static method with `@AuraEnabled(cacheable=true)` annotation
- Method name: `findContacts` accepting `searchKey` string parameter
- SOQL query implementation to find Contact records matching search criteria
- Successful deployment to Salesforce org

📄 The `cacheable` annotation improves performance by allowing Lightning Web Components to cache the results.





# Lightning Web Component Development



## HTML Structure

### **clientSearch.html**

Component structure using lightning-card, lightning-input for search functionality, and table for displaying search results

## JavaScript Logic

### **clientSearch.js**

Component logic importing Apex method and using @wire service for reactive data binding when searchKey changes

## Configuration

### **clientSearch.js-meta.xml**

Component exposure configuration for Home Page, App Pages, and Record Pages availability

The complete LWC bundle was successfully deployed to the Salesforce org, ready for integration into the user interface.

# Final Integration & Results

Y

## Component Integration

Successfully added the custom clientSearch component to the Salon Dashboard using Lightning App Builder, providing seamless client lookup functionality



## Professional Results

Delivered a comprehensive salon management interface combining declarative efficiency with custom functionality for optimal user experience

"The final implementation provides salon staff with an intuitive, powerful interface that streamlines daily operations while maintaining the flexibility to grow with business needs."

The completed system successfully bridges the gap between standard Salesforce capabilities and custom salon-specific requirements, delivering a professional solution that enhances operational efficiency.

