4A Labs
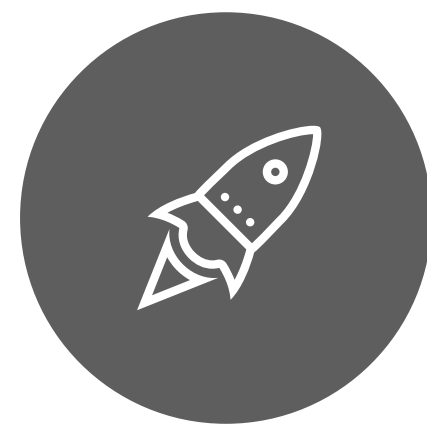
TECHNOLOGY AND INNOVATION BRILLIANTLY BLENDED

4A Labs

WE

ASPIRE - ADAPT - ADVANCE - ACHIEVE

We turn your ideas & ventures into reality.

4A Labs

WHO WE ARE?

We are 4A Labs, your innovative technology solutions partner. We are a team of highly experienced managers, technical architects, engineers, developers, analysts, data scientists and designers who work around the clock to deliver software and hardware solutions that will reduce your costs, increase your visibility and save time during your decision making process. We know one size doesn't fit all, thus, we tailor knowledge, experience and technology just for your needs

4A Labs

OUR EXPERIENCE

Our company has extensive Experience & Expertise in Enterprise Level Software & Platform Development, Mobile Application Design & Development, e-Commerce, B2C/ B2B, Web3, Blockchain, NFT, Metaverse, AI and IOT solutions. All our projects follow Agile & Scrum Software Development & Project Management,
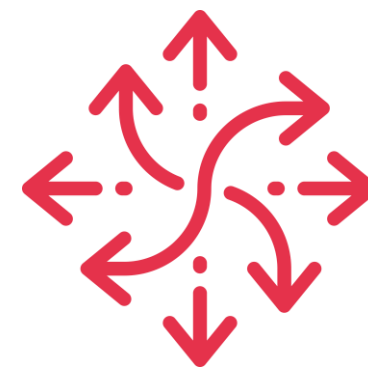
4A Labs

OUR COMPANY IN NUMBERS

120+ / 350+ / 65+ / 8

Members / Projects / Clients / Awards

4A Labs

Our Capabilities

Our value and promise to our clients & partners is to be their long term "in-house" IT, Digital and Creative Service Partner for their ventures and enterprises by offering in-budget, on-time, and agile IT solutions.

Internet of Things (IoT) Programming

Artificial Intelligence (AI) Programming

Hardware Embedded Programming

Wearable Programming

User Experience (UX)

User Interface (UI)

3D Modeling & Programming

Search Engine Optimization (SEO)

Web and Mobile Design & Development

CRM, ERP & e-Commerce Platform Dev.

Backend Integration & Development

Service Oriented Architecture (SOA) Web

Services Dev. & Integration

Database Design & Development

System & Business Analysis

Enterprise Level Architecture

Our Technology Expertise

Our strength and proficiency in the following areas of technology enable our clients & partners to grow their businesses much faster, steadier and scalable
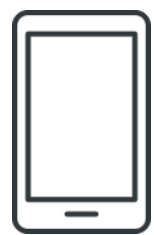
Mobile Development

iOS (Objective-C, Swift)

Android (Java)

React Native

Flutter

Xamarin

Ionic

Front-End Development

CSS/HTML5

Javascript, Ajax/jQuery, Dojo JS, ReactJS, AngularJS, jQuery Mobile

Responsive Design (e.g. Bootstrap)

JSON/XML/REST & RESTFULL

APIs/Web Services

Web Development

Go Lang

Node.JS

.NET - C#/ASP.NET

PHP

Ruby on Rails

Java

Python

Database Architecture
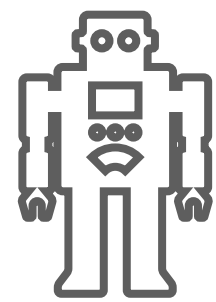
Oracle

MS SQL Server

MySQL

PostgreSQL

NoSQLs

(CouchDB, MongoDB)

4A Labs

Our Technology Expertise

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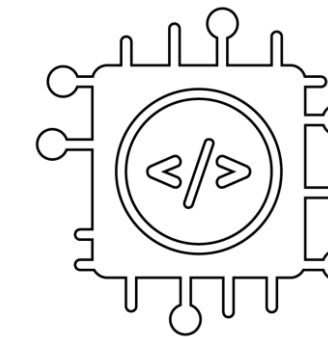
AI, Machine Learning & Neural Net

Neural Networks

Computer Vision

YOLO

Tensor Flow

DarkNet

Object Classification

Internet of Things (IOT)

Indoor Positioning

Outdoor Positioning

Custom Hardware Design

WiFi / GPS / RF Applications

Wearable Programming

Embedded System Design & Development

Custom PCB design

IC architectures: ST, ARM, ATMEL, FPGA / Zylinx, ASIC

Video/Image Processing Algorithms

Sensor and I/O Integration

Advanced Communication Protocols
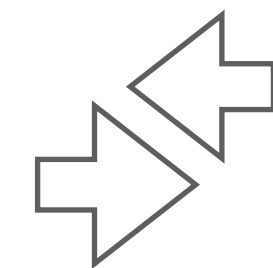
Integration Solutions

ERP (SAP, IFS, JD Edwards, etc)

Legacy Systems

AS/400

Scada - PLC

3rd Party Systems

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Our Sectors

As a full-service technology and creative solutions provider, we service multiple sectors and industries while working with some of the leading enterprises in their fields.
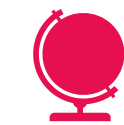
- GOVERNMENT
- ENERGY
- FINANCE
- TELCO
- RETAIL
- AUTOMOTIVE
- GLOBAL TRADE
- TOURISM
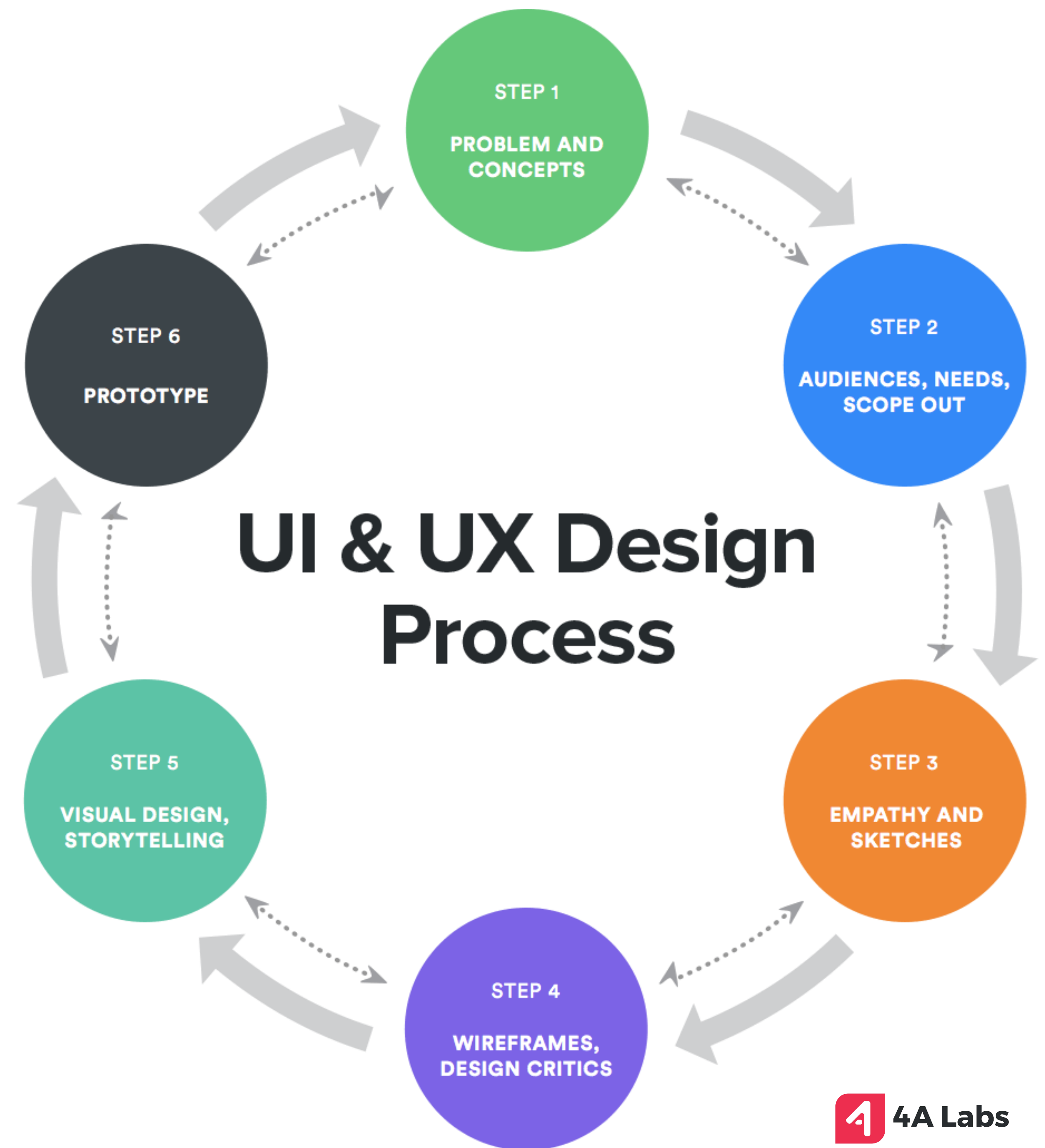- MANUFACTURING
- SPORTS
- TRANSPORTATION
- HEALTH
- FMCG
- REAL ESTATE

Mobile & Web UI/UX Design & Development

We design and develop creative, responsive web sites, platforms and iOS and Android apps focusing on design and great user experience that can continuously engage users.

4A Labs

User Centric UI & UX Design Process

Our creative designers work collaboratively with clients to deliver designs that are highly-functional yet visually aesthetic. We patiently listen to our customers to identify their goals, ask right questions to understand their business, users, and challenges that they are trying to address and then begin with the creativity.

UI & UX Design Process

STEP 1
PROBLEM AND CONCEPTS

STEP 2
AUDIENCES, NEEDS, SCOPE OUT

STEP 3
EMPATHY AND SKETCHES

STEP 4
WIREFRAMES, DESIGN CRITICS

STEP 5
VISUAL DESIGN, STORYTELLING

STEP 6
PROTOTYPE

4A Labs

User Centric UI & UX Design Process

Our process includes competitive analysis, Ideation workshops, storyboards, wireframes and UX flow diagrams, mock-up approvals, responsive layouts, testing and final user-centric design output.

Wireframe

Interface Design

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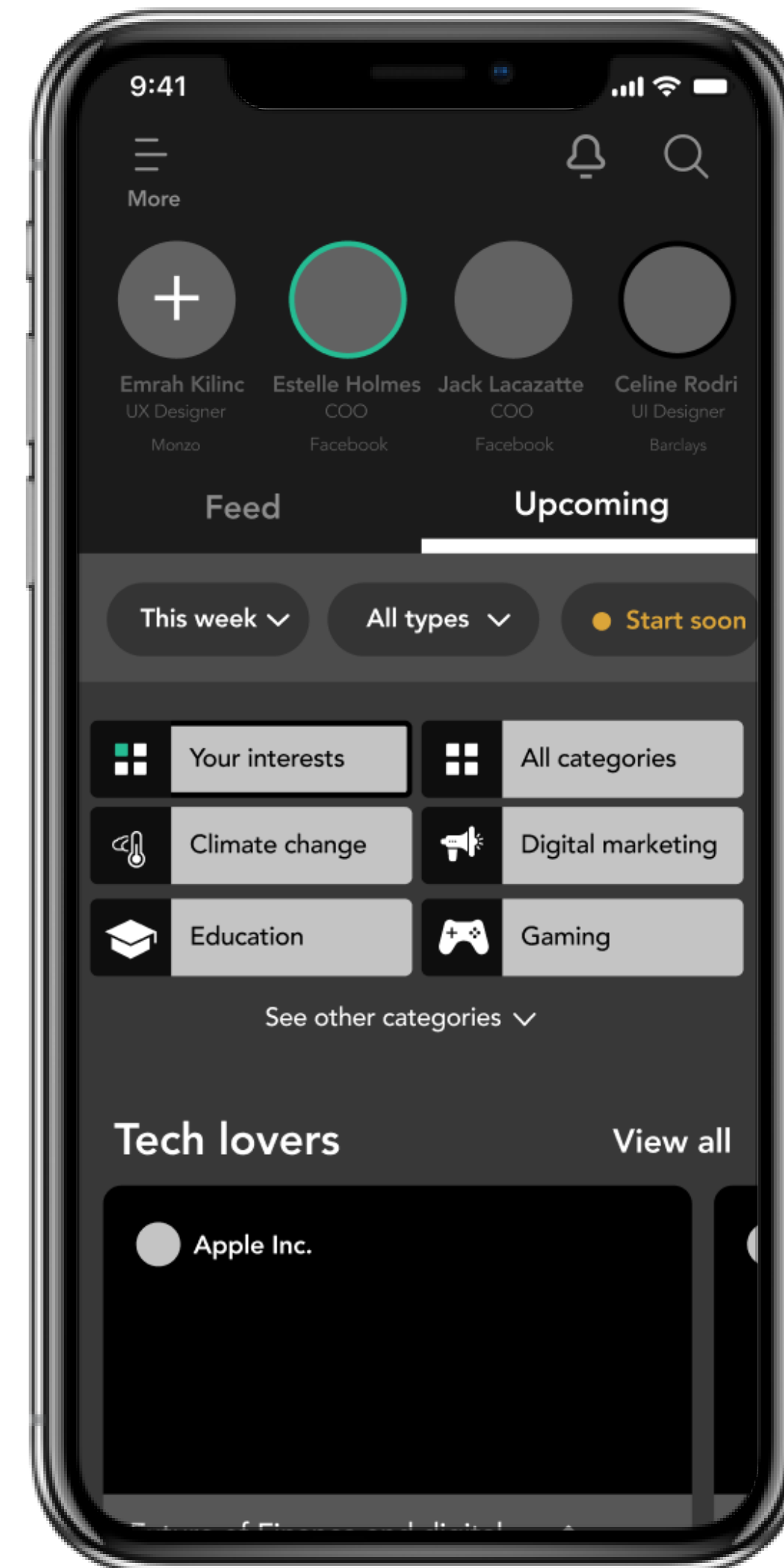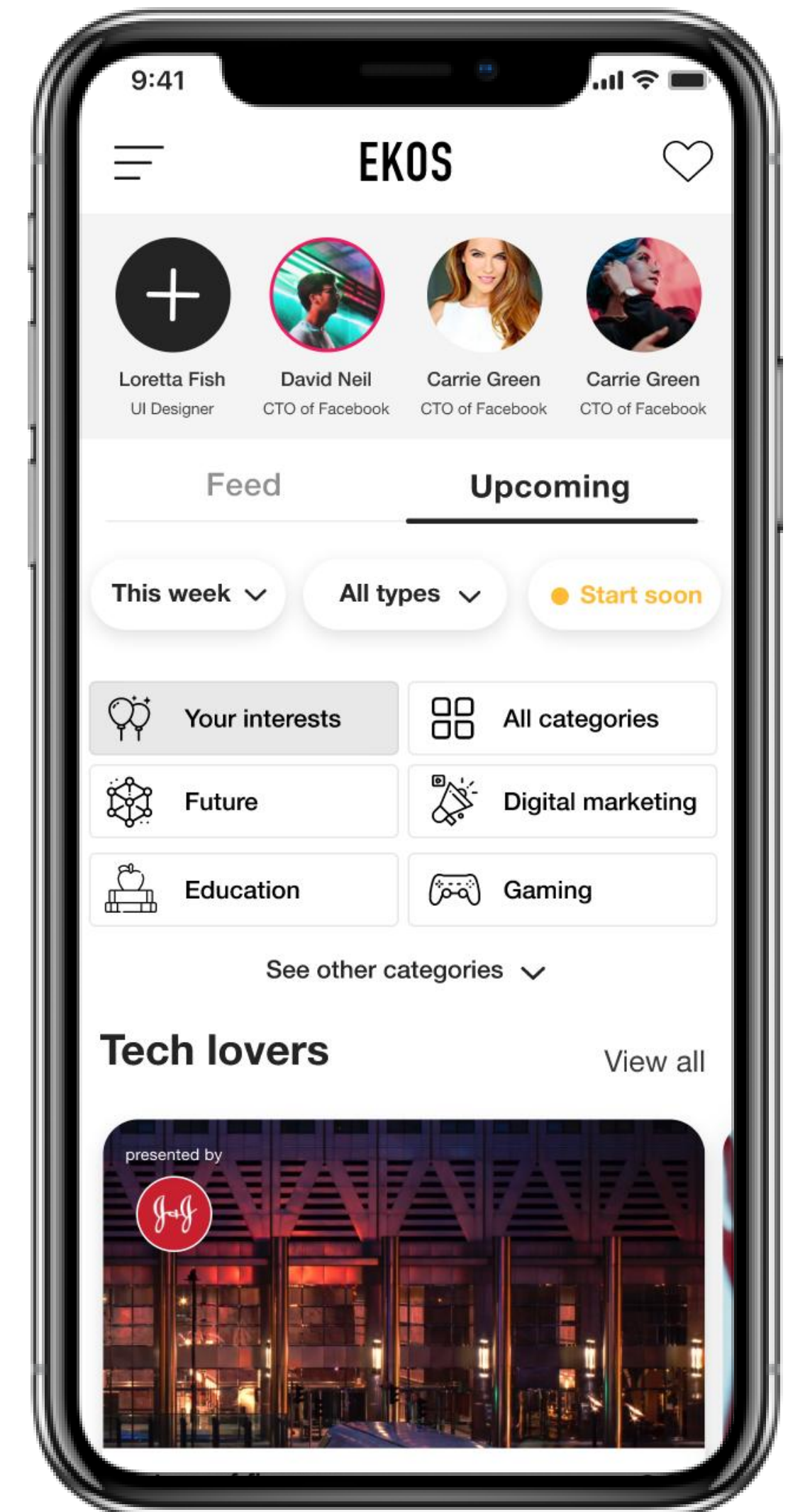
Our UX (User Experience) Approach

Our UX approach involves deeply understanding the users through research, organizing information, visual design (and more), all with the goal of meeting user needs and doing it elegantly. It involves putting users at the centre of the design and development process, and establishing an iterative cycle of research, design and evaluation.

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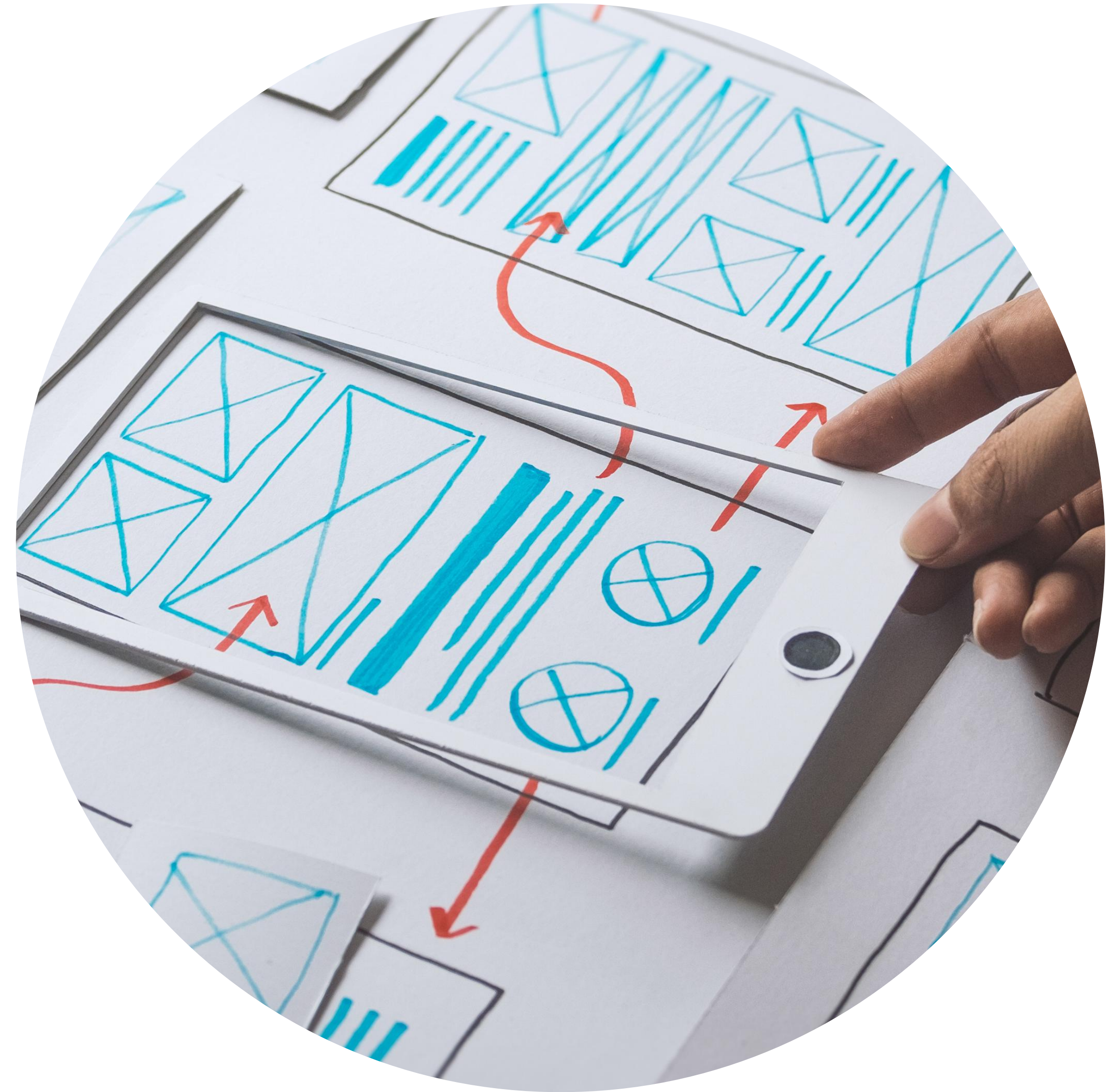
Our Key UX Principles

Understand Needs

It's important to capture and understand all the critical needs of users.

Data-driven

Make informed design decisions based on user derived evidence, not opinion.
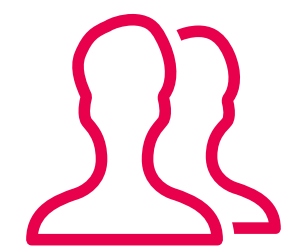
User-focused

Know your users and get them involved as early as possible.

Iterate

Establish a cycle of research, design and evaluation, and iterate this cycle.

4A Labs

Our UI/UX Projects

e-Commerce

4A Labs

m-Commerce UI/UX and Development

In this project we are completely redesigning the user experience as well as the user interfaces of the CarrefourSA e-commerce app. The CarrefourSA app will have much fresher, trendier, easy to use look and feel. While we are redesigning the app we are also making significant changes and enhancements as well adding brand new features.
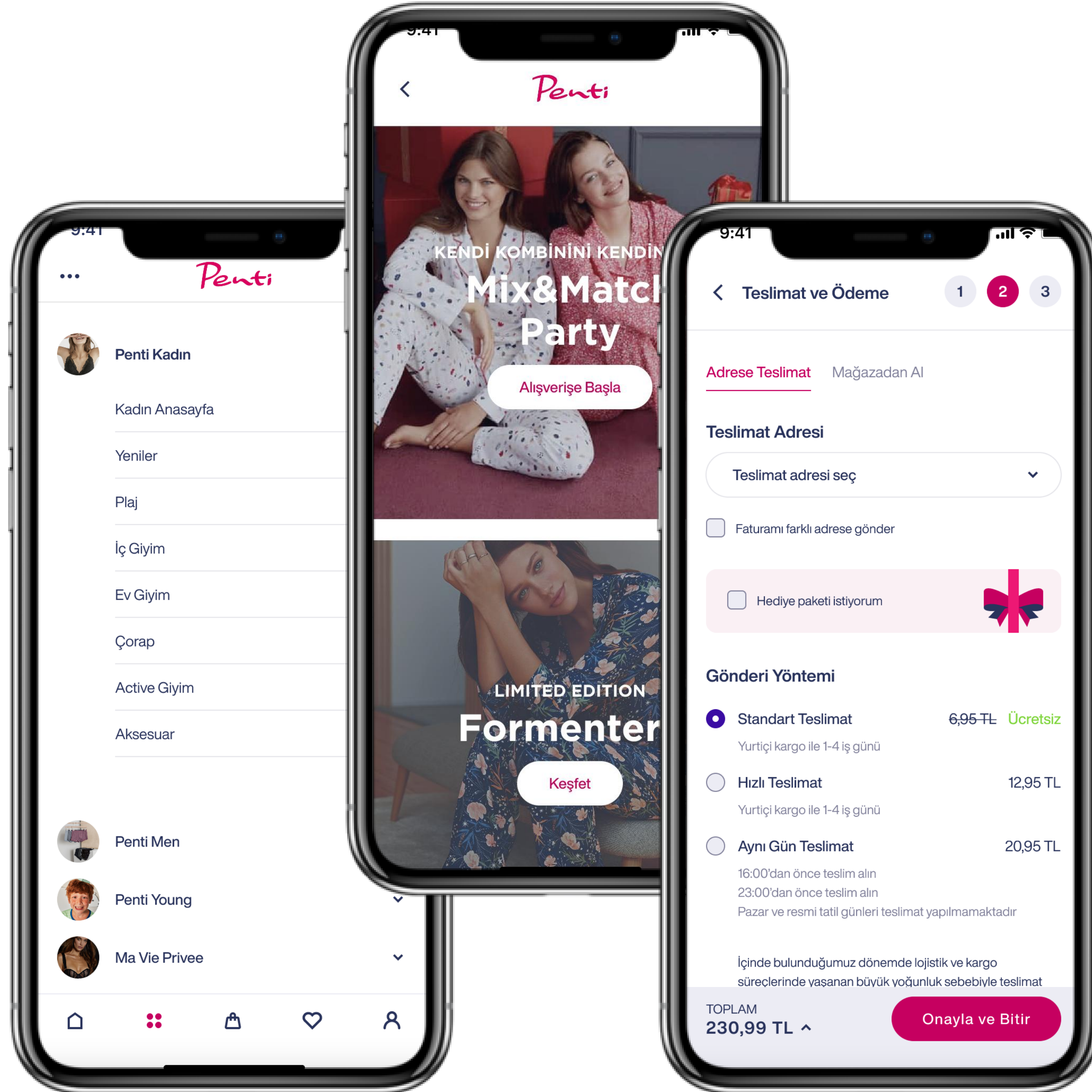
m-Commerce Platform Design & Development

We are redesigning the user experience developing the mobile e-Commerce platform for the Penti brand. In this process, we completely custom designed and made significant improvements to the mobile application.

MADAME COCO

e-Commerce Website and Mobil App UI/UX Design

In this project we are completely redesigning the user experience as well as the user interfaces of the Madame Coco e-commerce app. The Madame Coco app will have much fresher, trendier, easy to use look and feel.
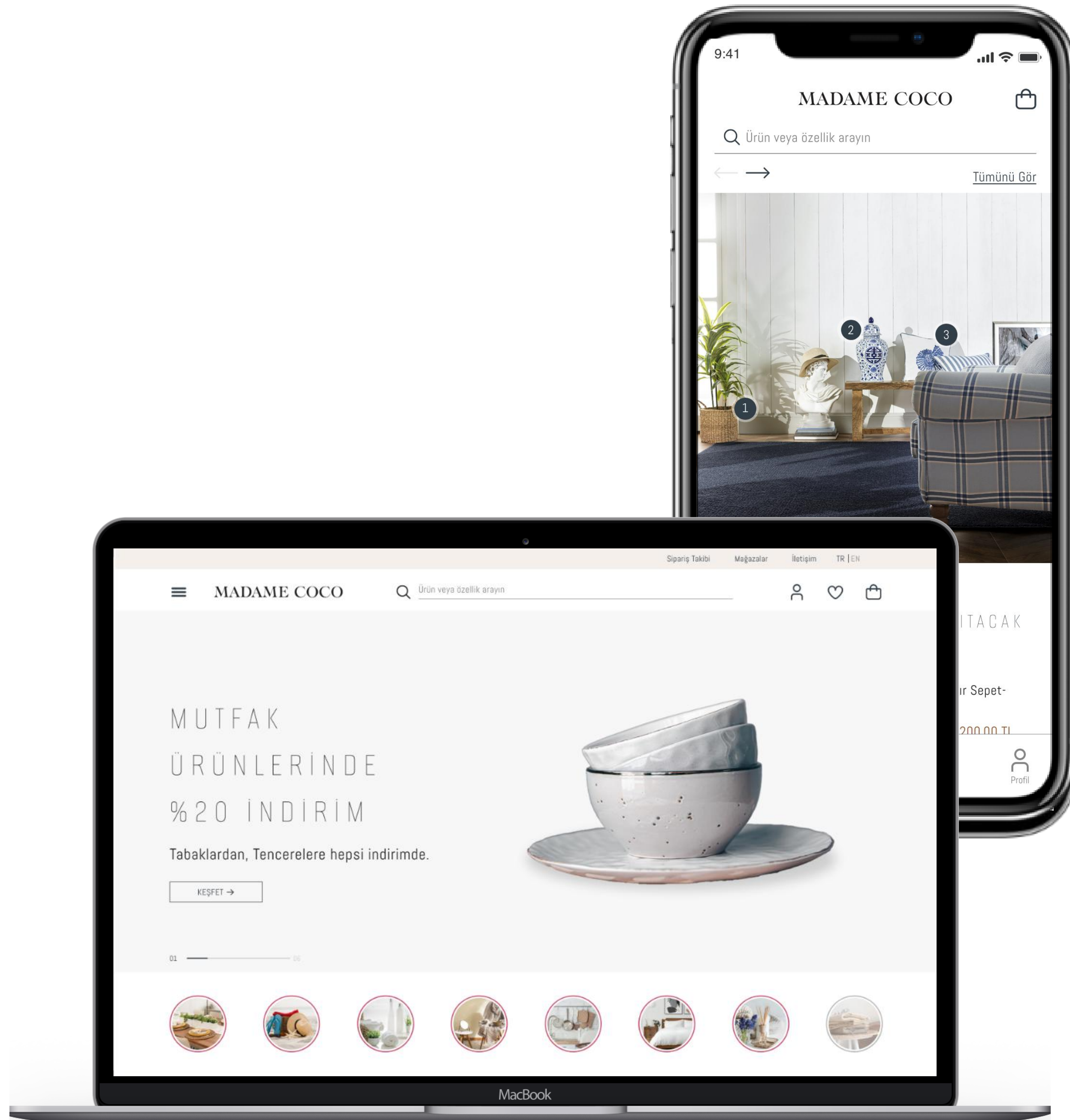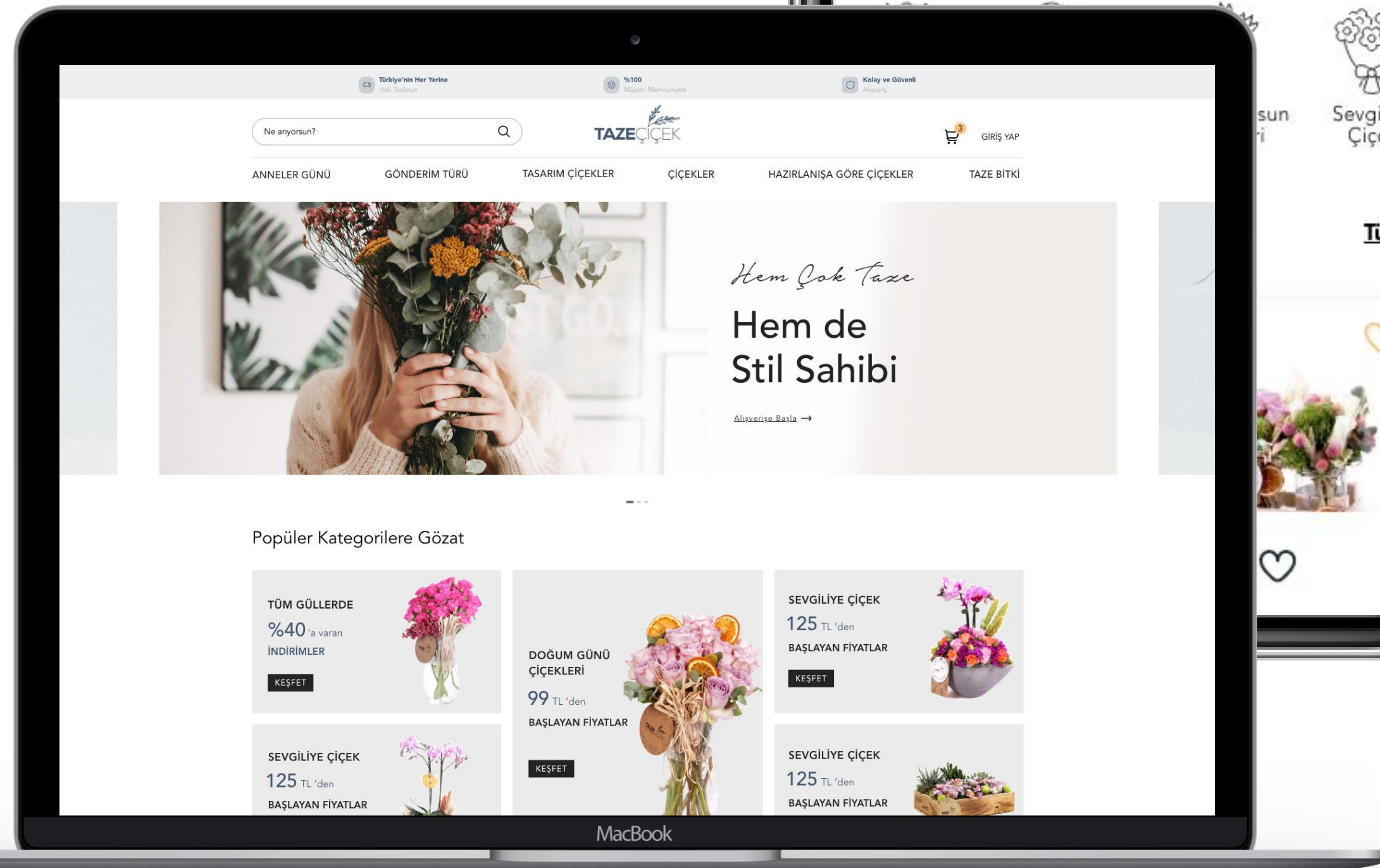
4A Labs

e-Commerce Platform UI/UX and Development

4A Labs made all necessary design updates, frontend development, widget creations, backend service integrations and elimination of general errors of the Marks & Spencer website, which is based on the flagship e-commerce platform of Akinon,
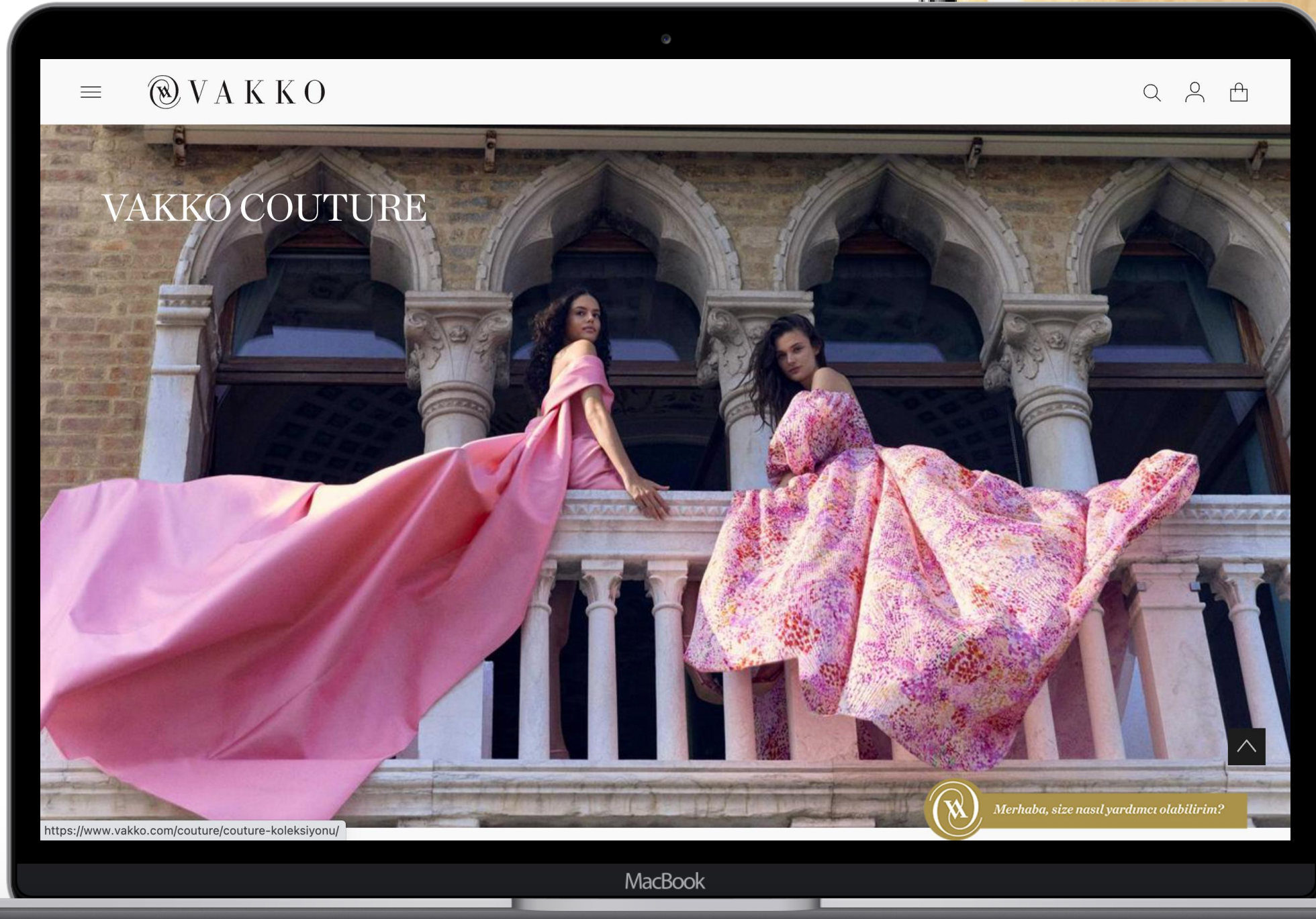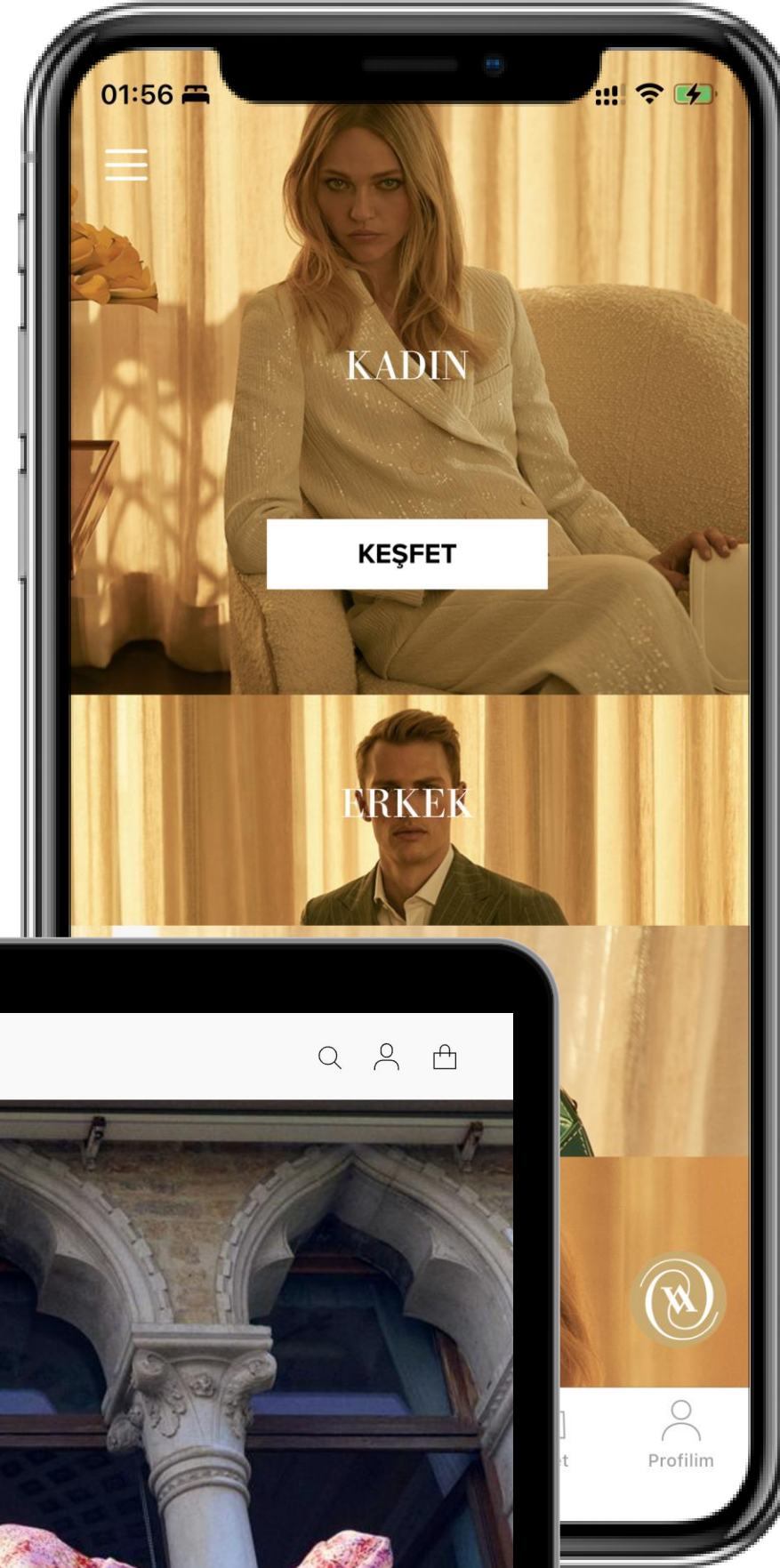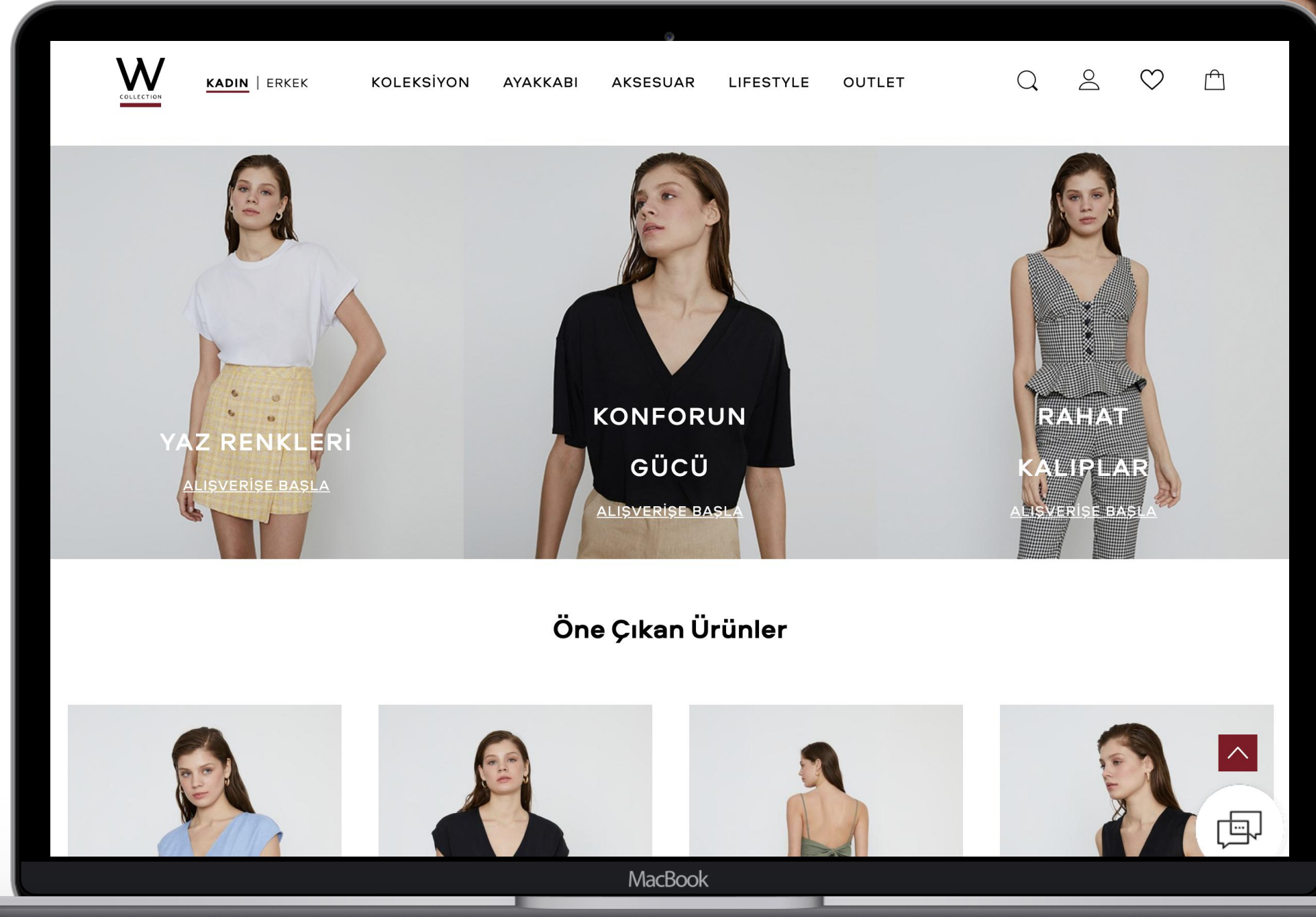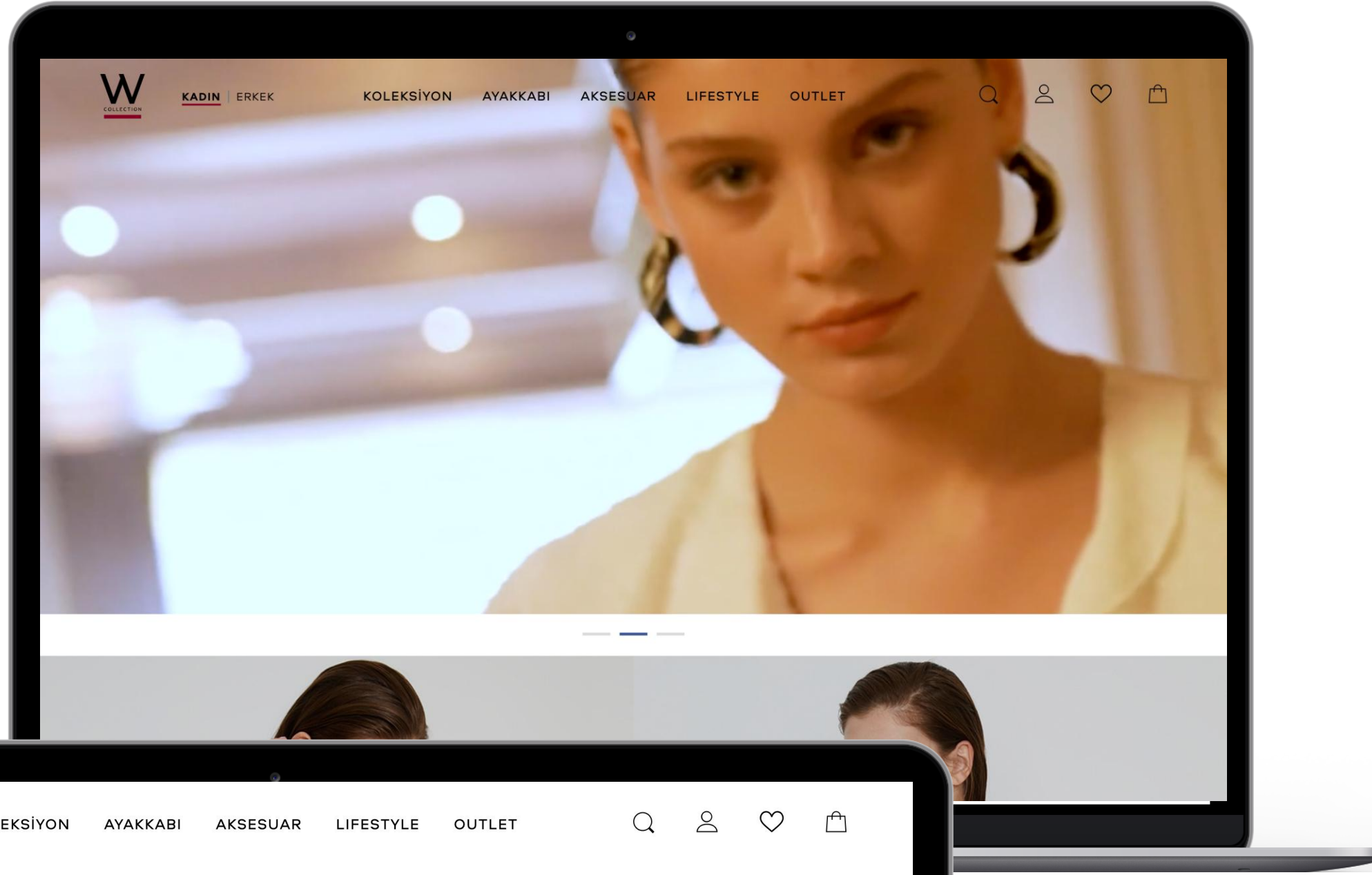
e-Commerce Platform UI/UX and Development

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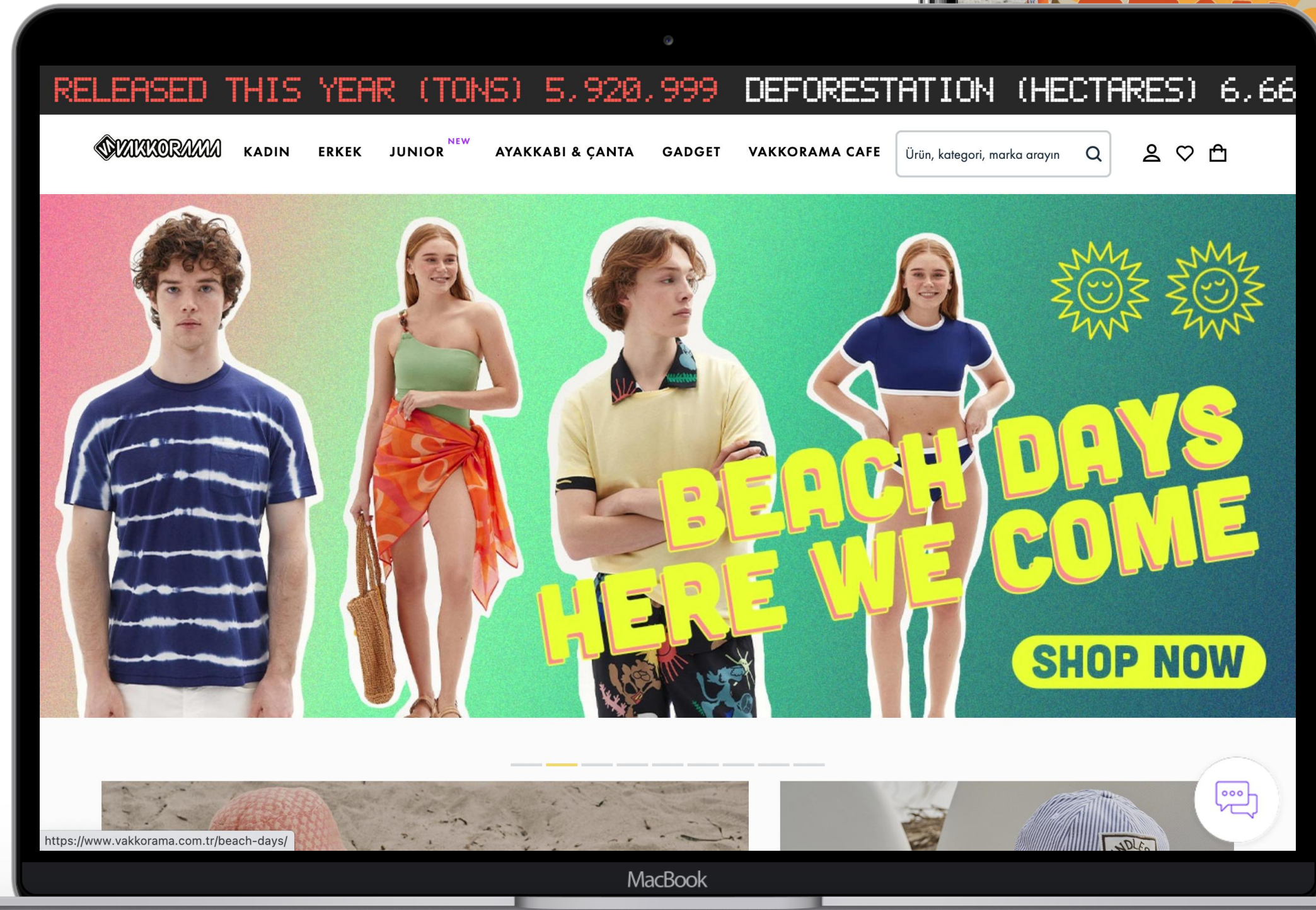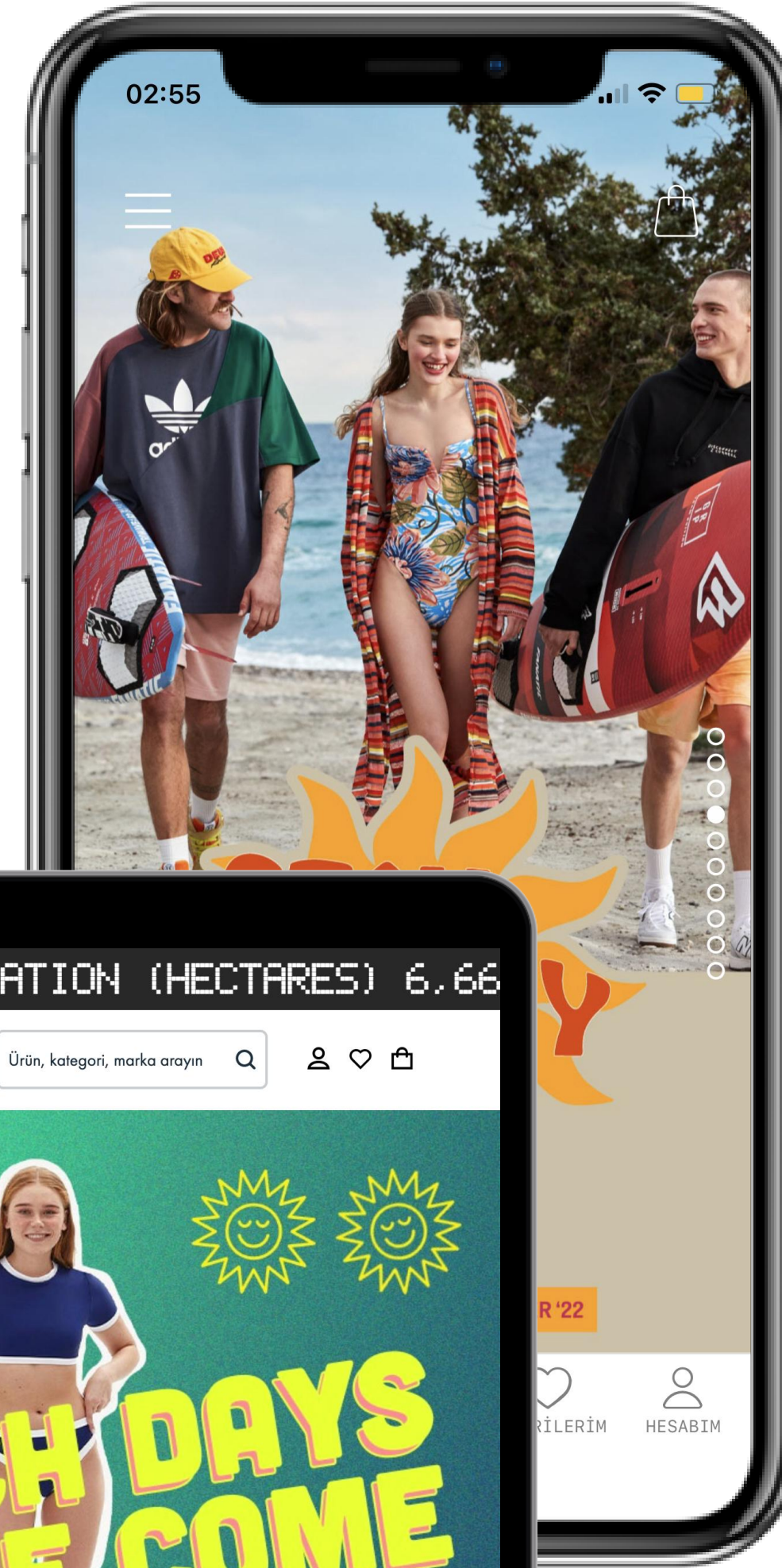
4A Labs

e-Commerce Platform UI/UX and Development

4A Labs made all necessary design updates, frontend development, widget creations, backend service integrations and elimination of general errors of the Samsonite website, which is based on the flagship e-commerce platform of Akinon,

Samsonite

4A Labs
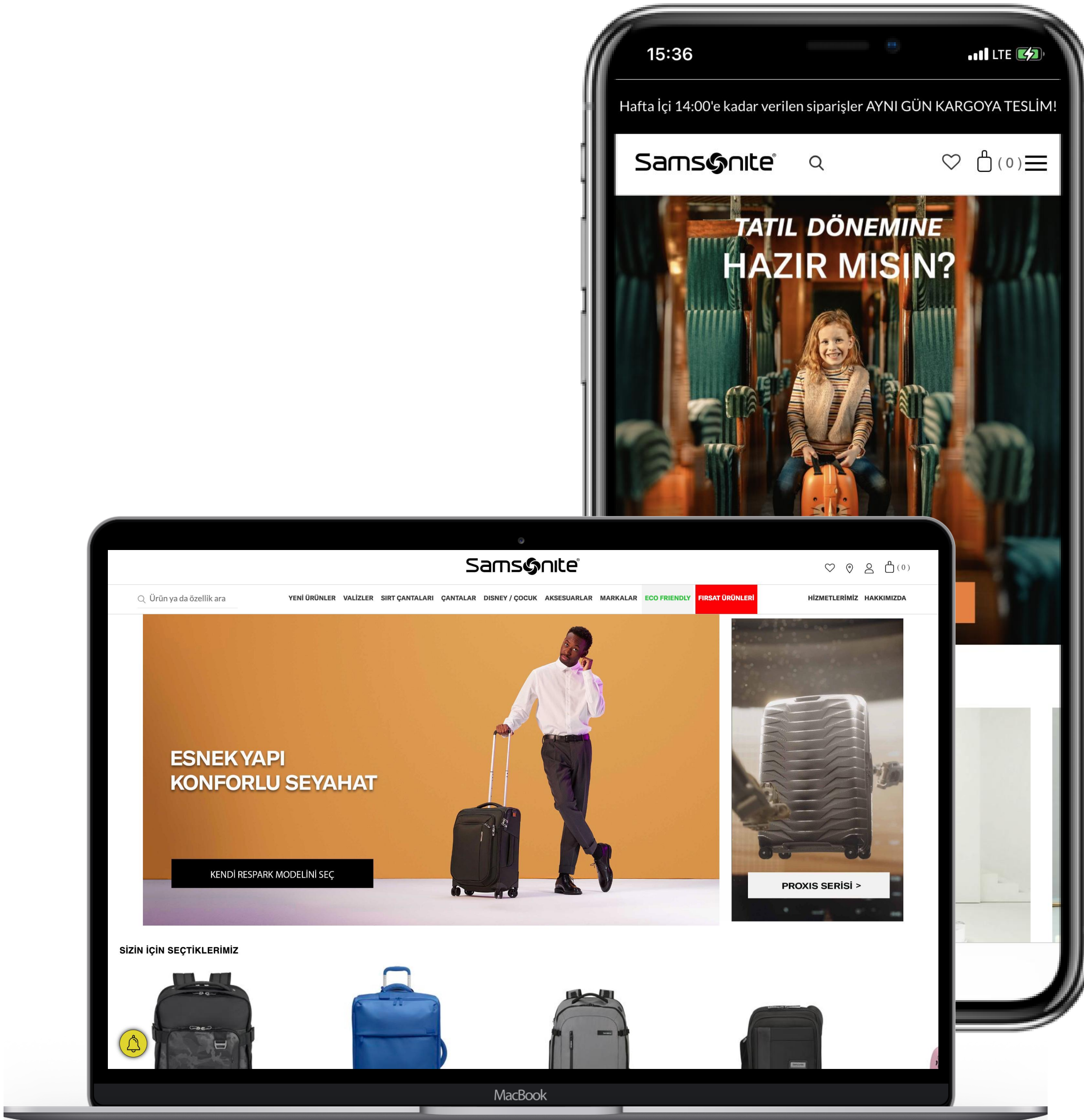
Marketplace Platform Web & Mobile App UI/UX and Development

We are developing and designing the web and mobile marketplace platforms for the Taze Cicek brand. In this process, we completely custom designed with state of the art technology and made significant improvements to the mobile application and website.

4A Labs
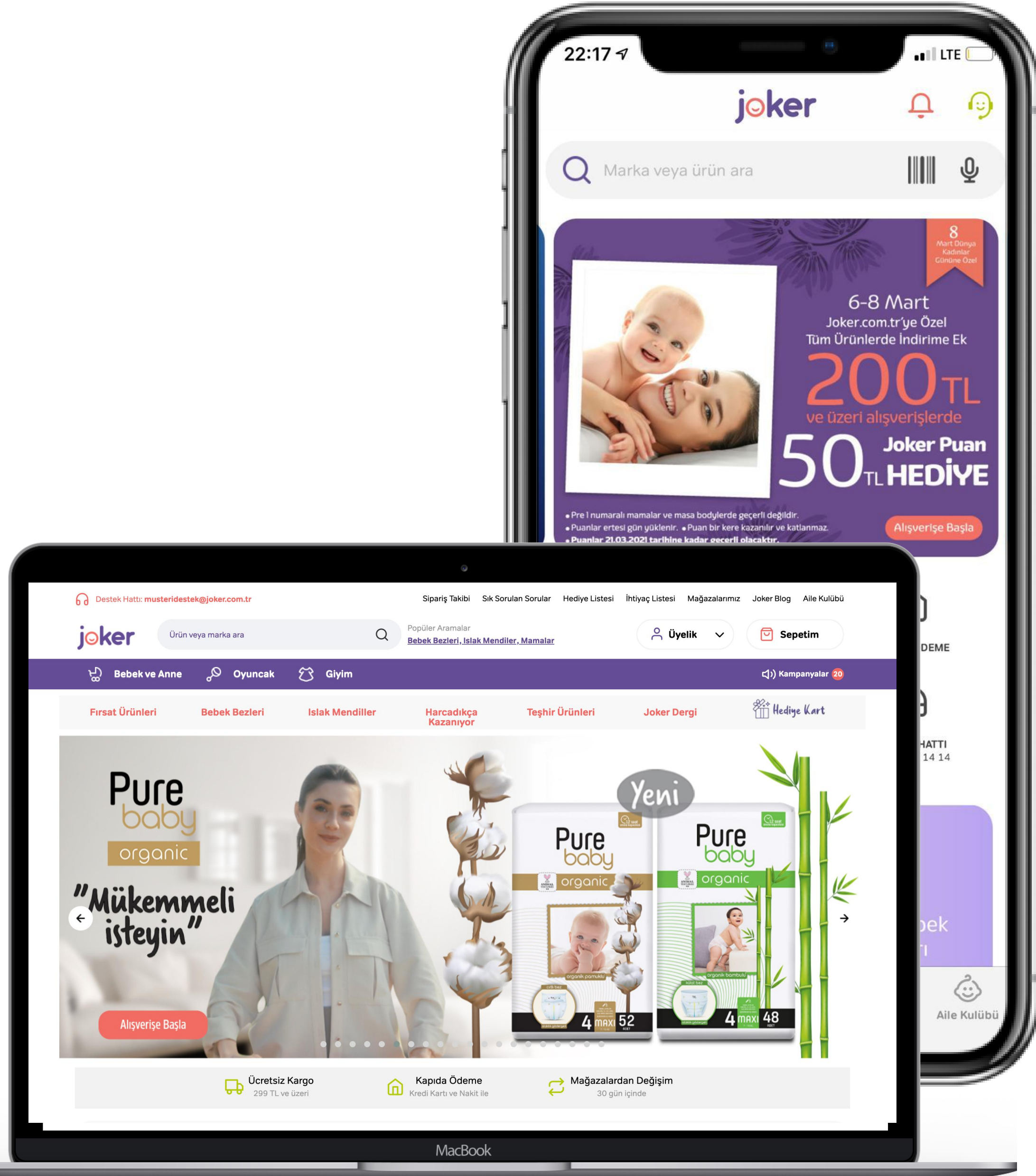
e-Commerce Platform Design and Development

4A Labs made all necessary design updates, frontend software, widget developments, backend service integrations and elimination of general errors of the Vakko website, which is the flagship e-commerce platform of Vakko Group which uses Akinon e-Commerce infrastructure.

4A Labs

e-Commerce Platform Design and Development

4A Labs made all necessary design updates, frontend software, widget developments, backend service integrations and elimination of general errors of the W Collection website of Vakko Group which uses Akinon e-Commerce infrastructure.

4A Labs

e-Commerce Platform Design and Development

4A Labs made all necessary design updates, frontend software, widget developments, backend service integrations and elimination of general errors of the Vakkorama website of Vakko Group which uses Akinon e-Commerce infrastructure.

4A Labs

e-Commerce Web & Mobile Platform UI/UX and Development

For the past 5 years, we have been developing the web and mobile e-Commerce platforms for the Joker brand. .In this process, we completely custom designed and made significant improvements to the mobile application and website. The success of the user experience and the underlying technology placed .joker.com.tr among the highest revenue generating platforms in Turkey today.

4A Labs

e-Commerce Platform UI/UX and Development

We designed and developed a completely custom E-Commerce platform from scratch while creating a structure suitable for user experiences and company's E requirements.

It is aimed to provide easy and fast access for end users to the products of Alarko Carrier and its dealers via the Alarko Carrier system (Website) and easy tracking of stages such as order, payment and reporting related to the sales to be made.
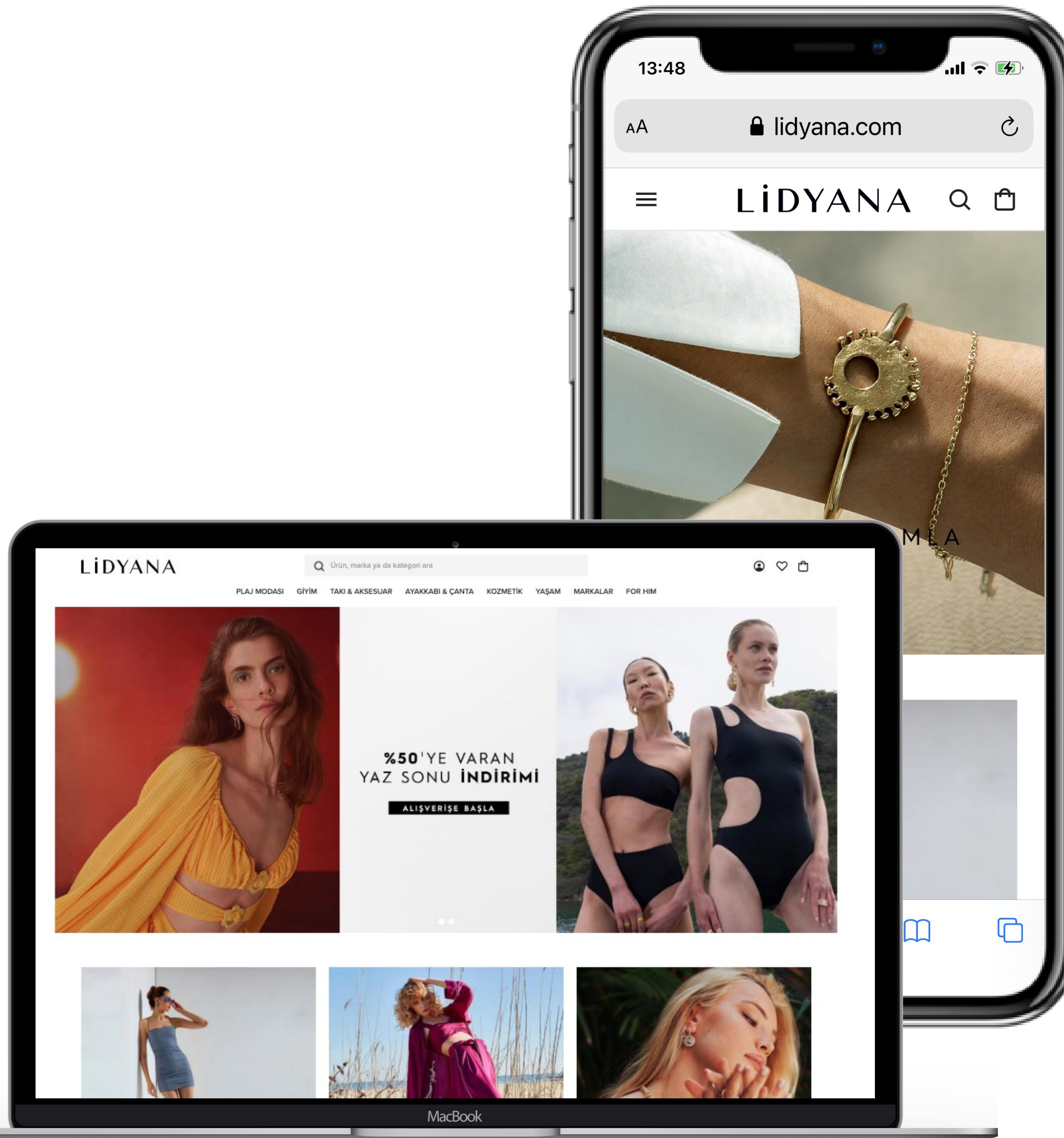
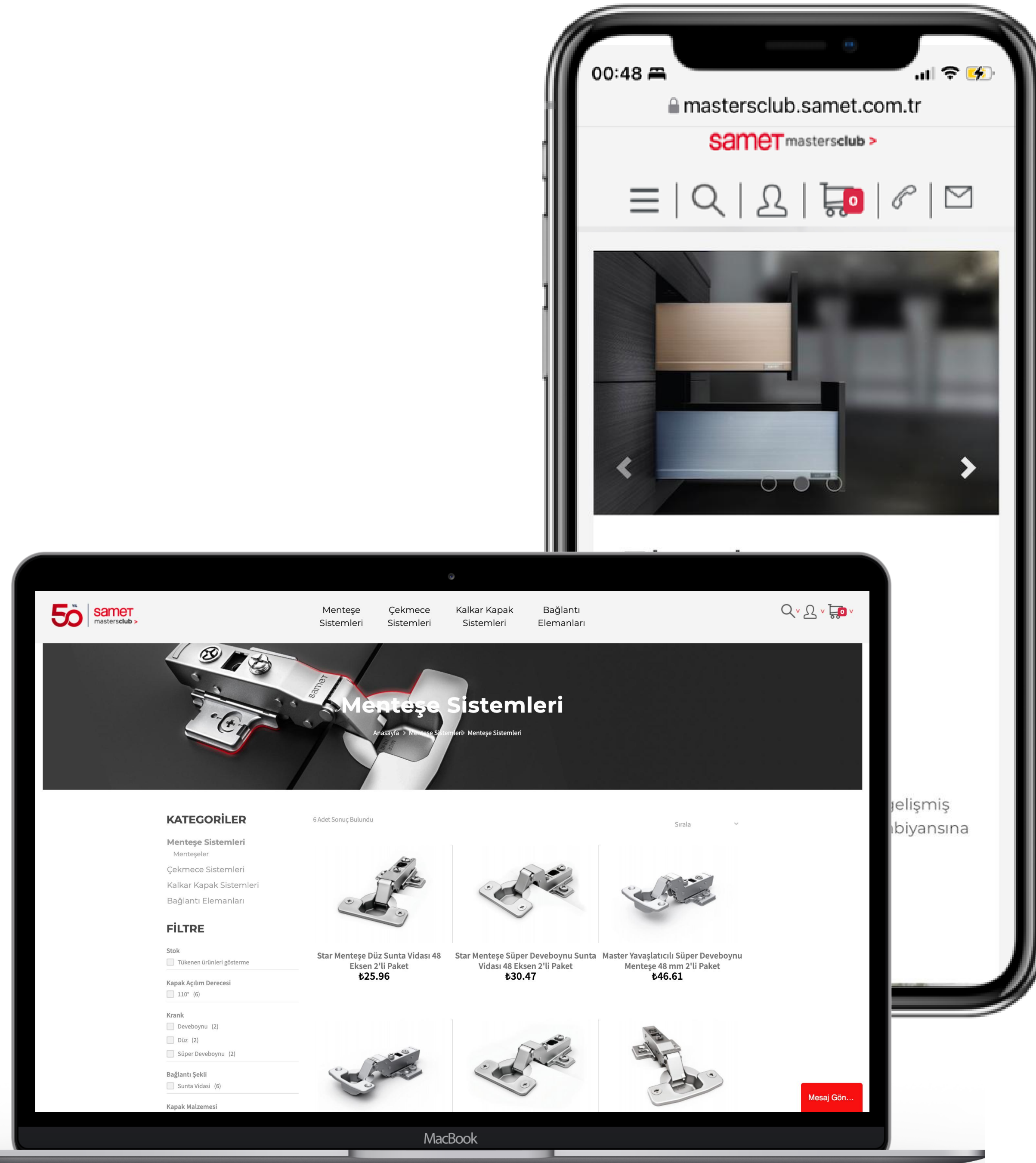# Web Marketplace Platform UI/UX and Development

We redesigned the user experience and developed the web marketplace platforms for the Lidyana brand. In this process, we are making significant improvements to the existing platform.

Masters Club e-Commerce Platform UI/UX and Development

Custom designed and developed Samet's global e-commerce platform. Front-end and back-end modules are developed using latest technologies.

Web & Mobile App Marketplace Platform UI/UX and Development

mamaPLUS is Lider Pet's e-commerce platform. It sells very unique pet food with best ingredients. The website and mobile app were designed and developed using the latest technologies.

Subscription Based Food Ordering Platform Design and Development

The B2B and B2C food ordering platform and CRM system is fully custom designed and developed from scratch by 4A Labs. Utilizing state of the art technologies the system is scalable for very high demands.

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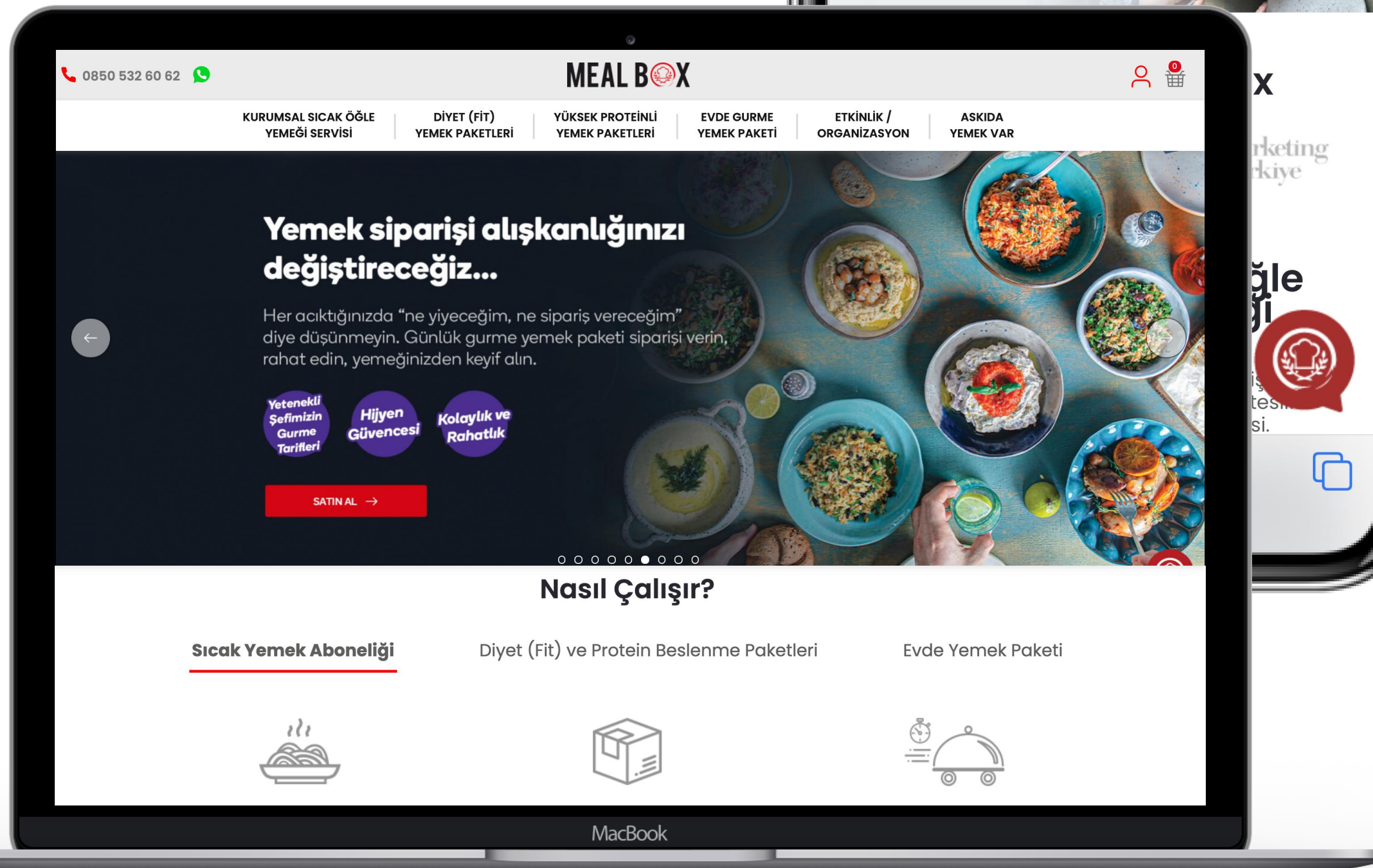
Fuudy

Food and Market Order Platform UI/UX and Development

Fuudy is a good food platform! It only works with selective, loved and food conscious restaurant brands.

The platform allows distinguished restaurants to reach their customers with regular and special delivery methods. With this platform, catering services can be provided besides instant food ordering. User-friendly app interface and management panels were developed from scratch and the app became one of Turkey's most talked-entry in the app-stores.

4A Labs
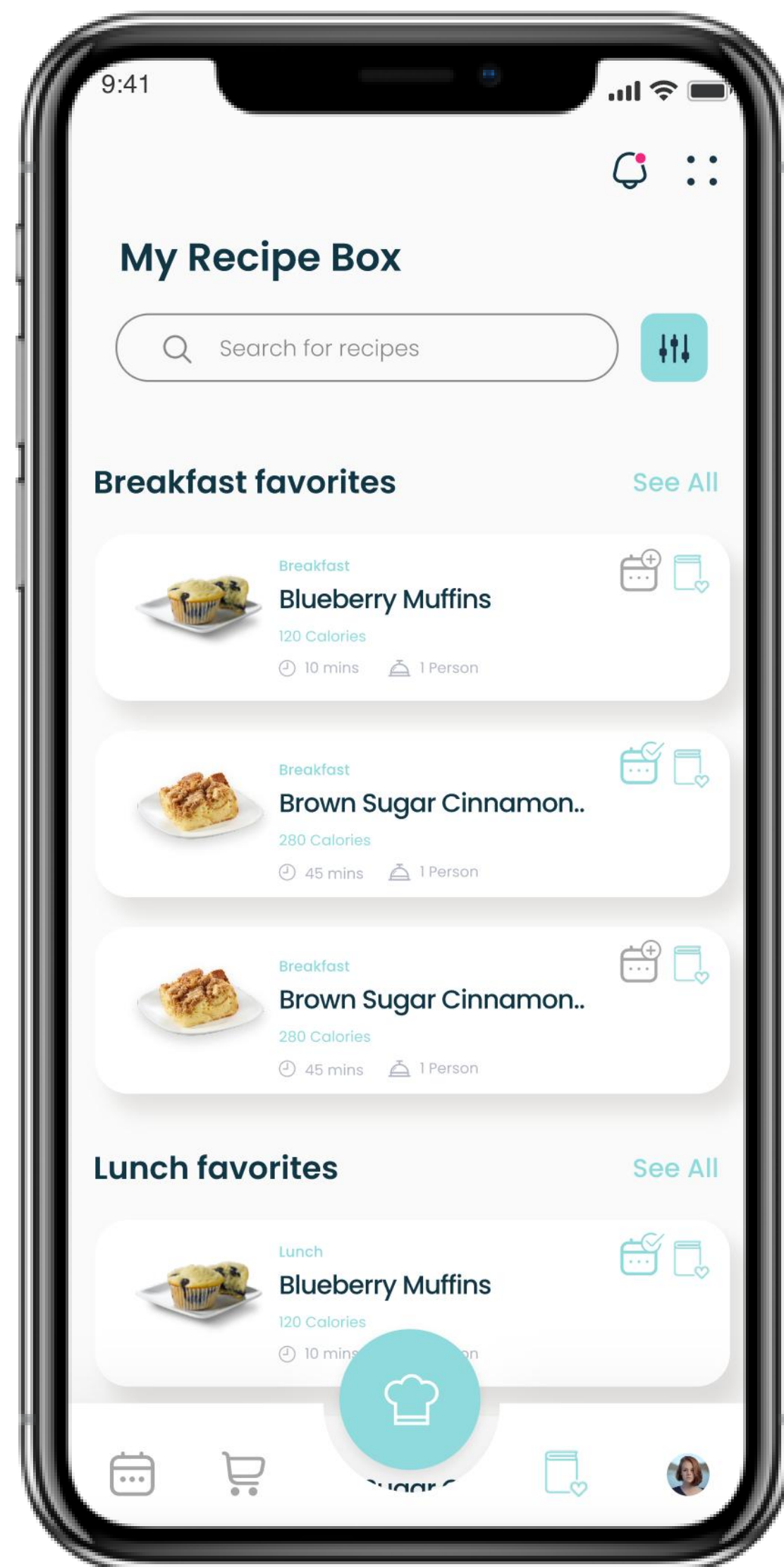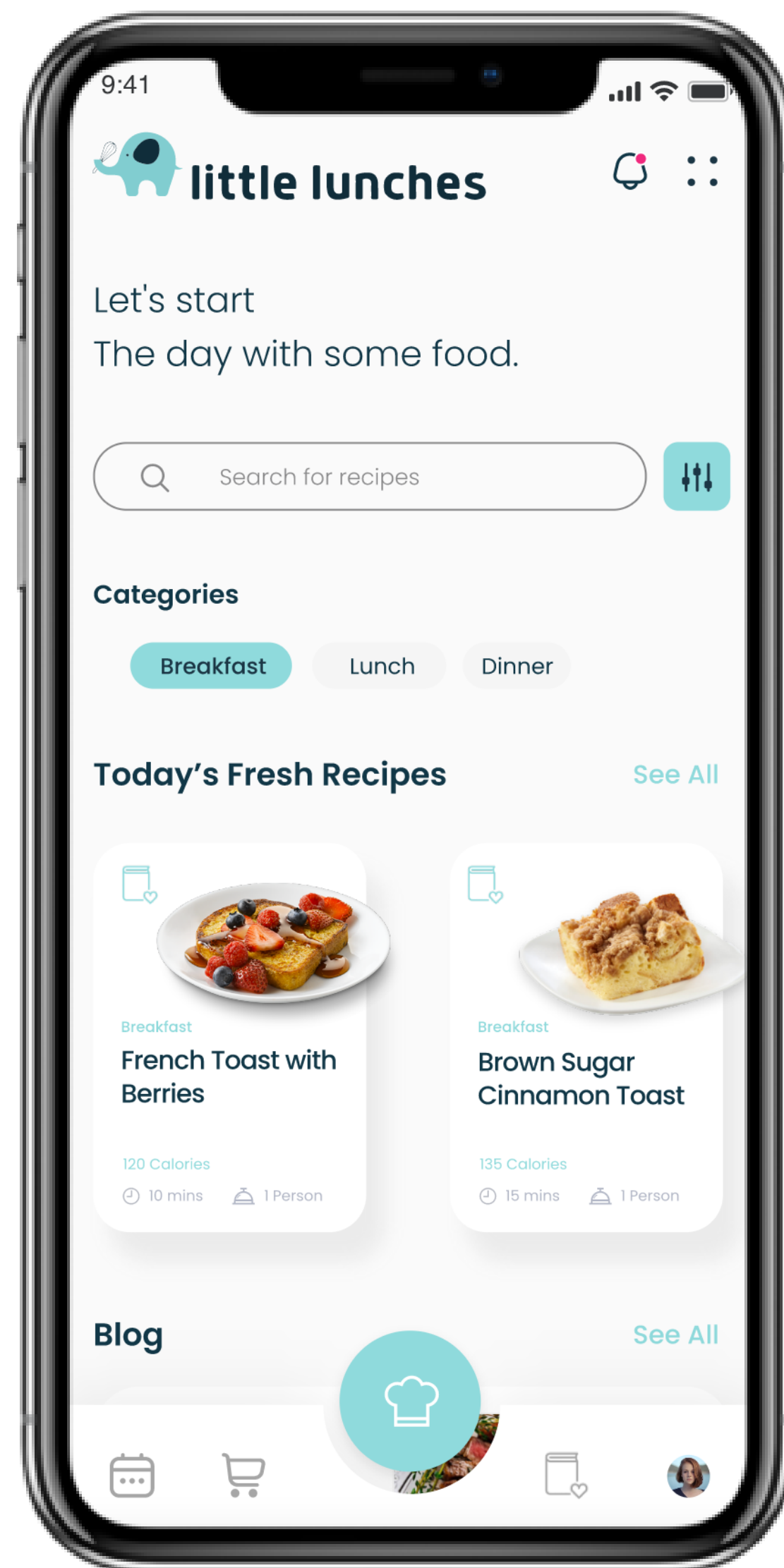
Meal Planning Mobile Platform UI/UX and Development

This project is both mobile and web-based subscription service providing an all-encompassing interactive culinary and entertainment experience for caregivers preparing meals for their little ones along with its web-based administration panel, backend systems and web-based user/customer portal. It is purposed to serve flexible weekly meal planning helping caregivers effectively manage food consumption and costs, while ensuring nutritional and varying meals.

Personal Trainer & Dietician Web/Mobil Platform UI/UX and Development

The platform, designed and developed by 4A Labs, is implemented both as a mobile and web project. The trainers who have undergone certain training have been brought together with the users according to location, scoring and price filters. Algorithms have been developed to enable users to perform training programs according to possible health problems depending on the system of suggestions. In addition, if they wish, they can also receive one-to-one consultancy with online interview modules.

4A Labs

Barter Marketplace for Individuals UI/UX and Development

Turkey's first individual barter platform that offers users to barter with the shopping experience. We are developing a platform where all goods and services located within the platform can be exchanged by users. The clearing methods in the system have been developed with block chain technology.
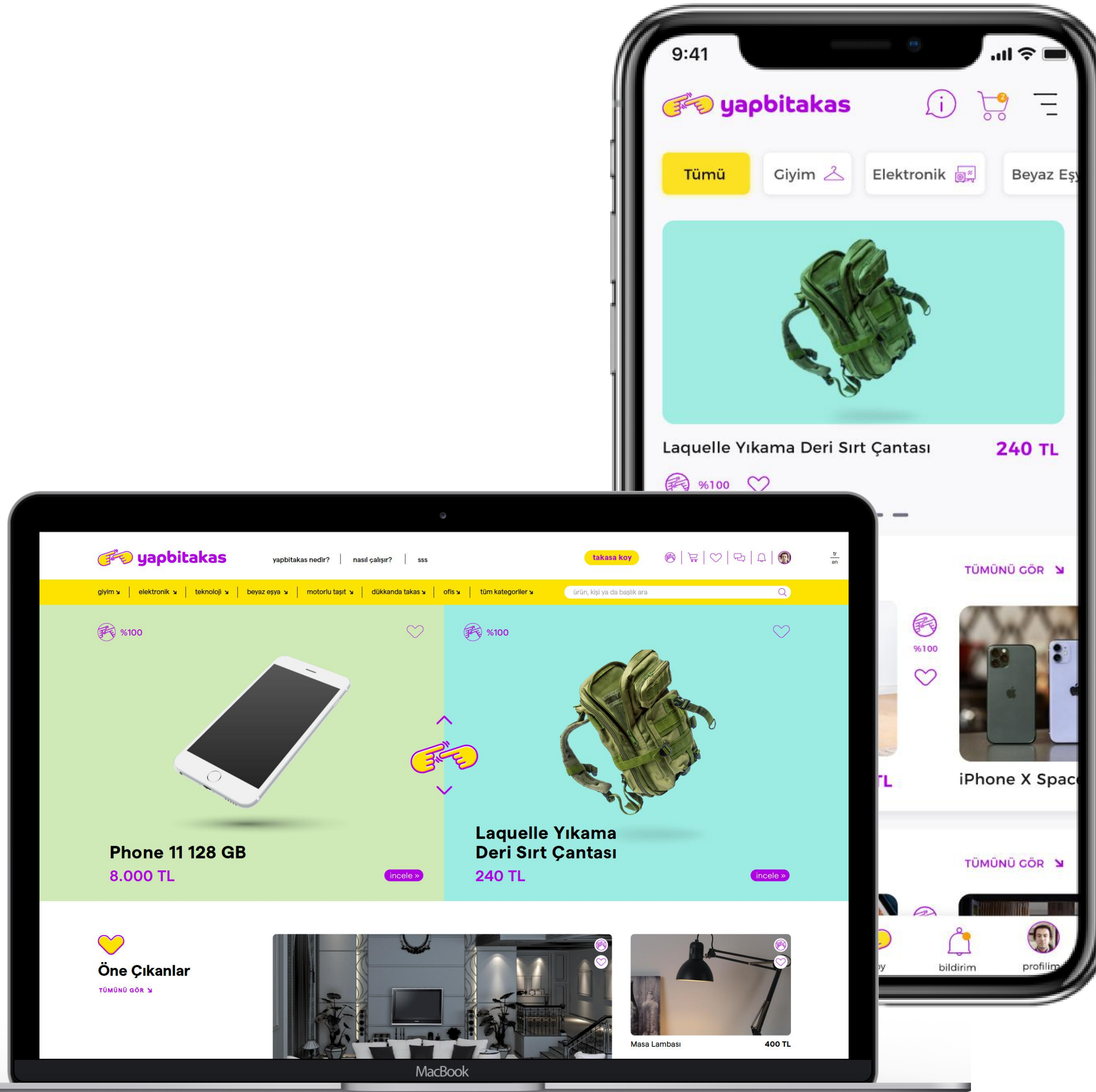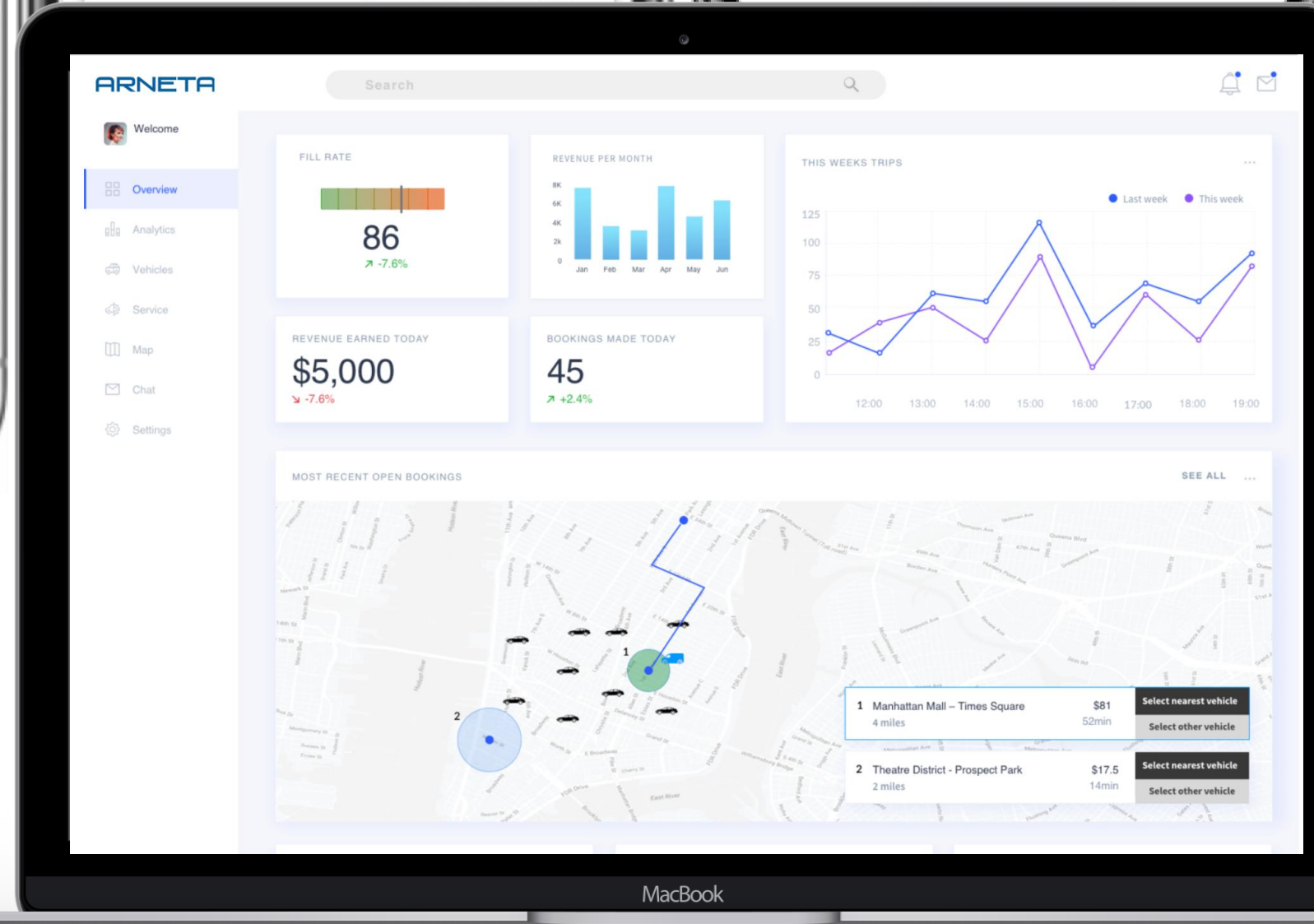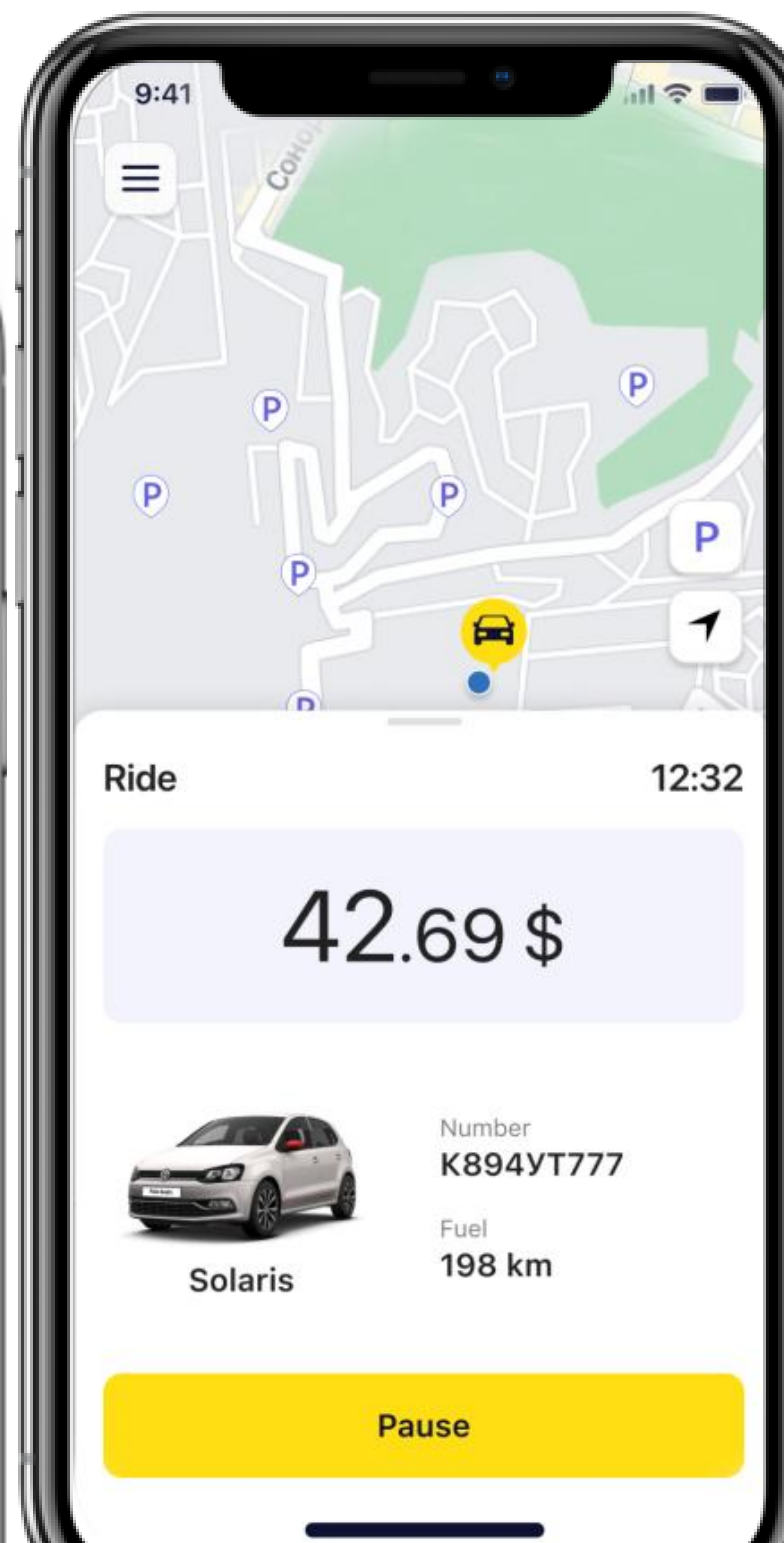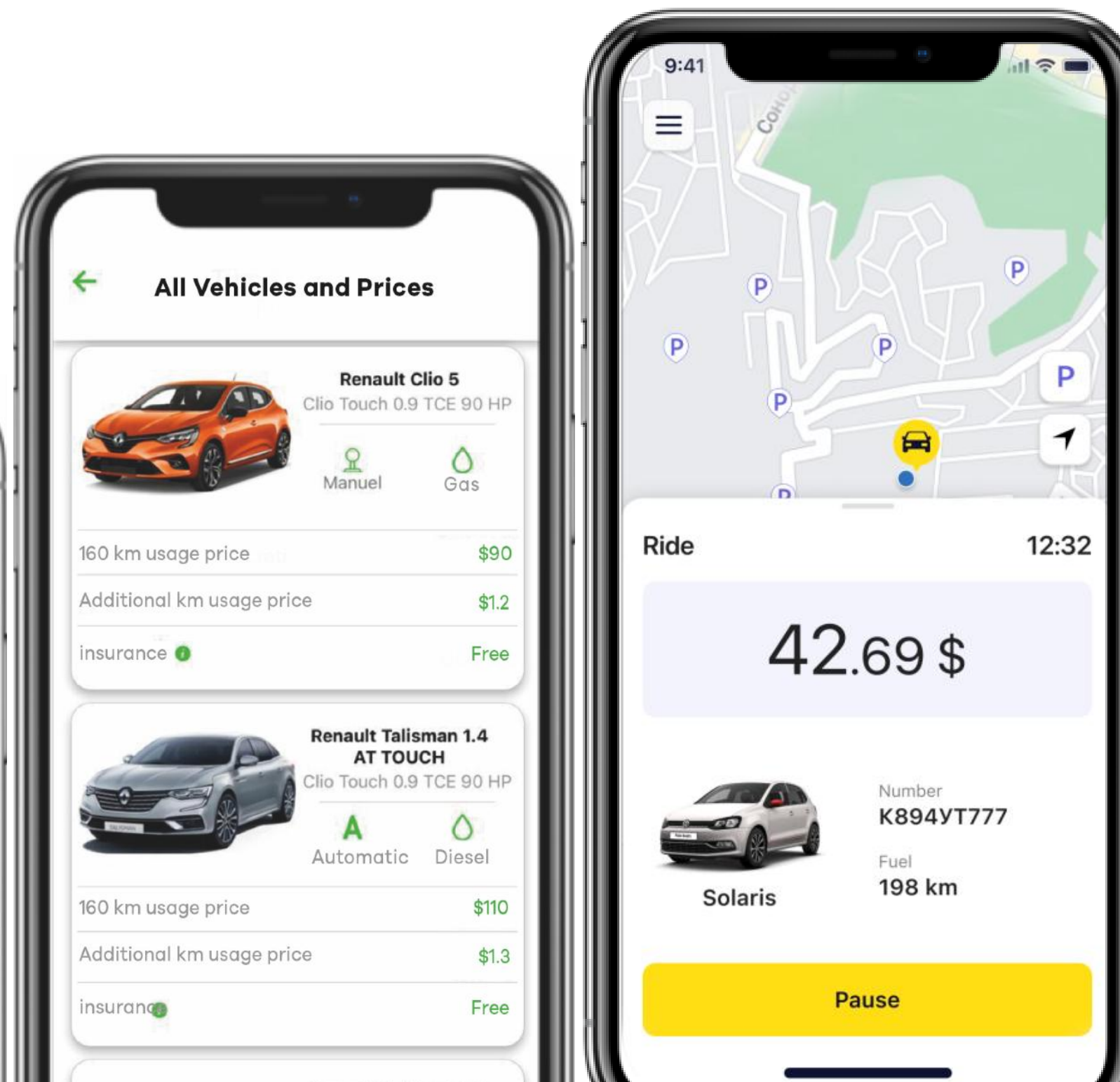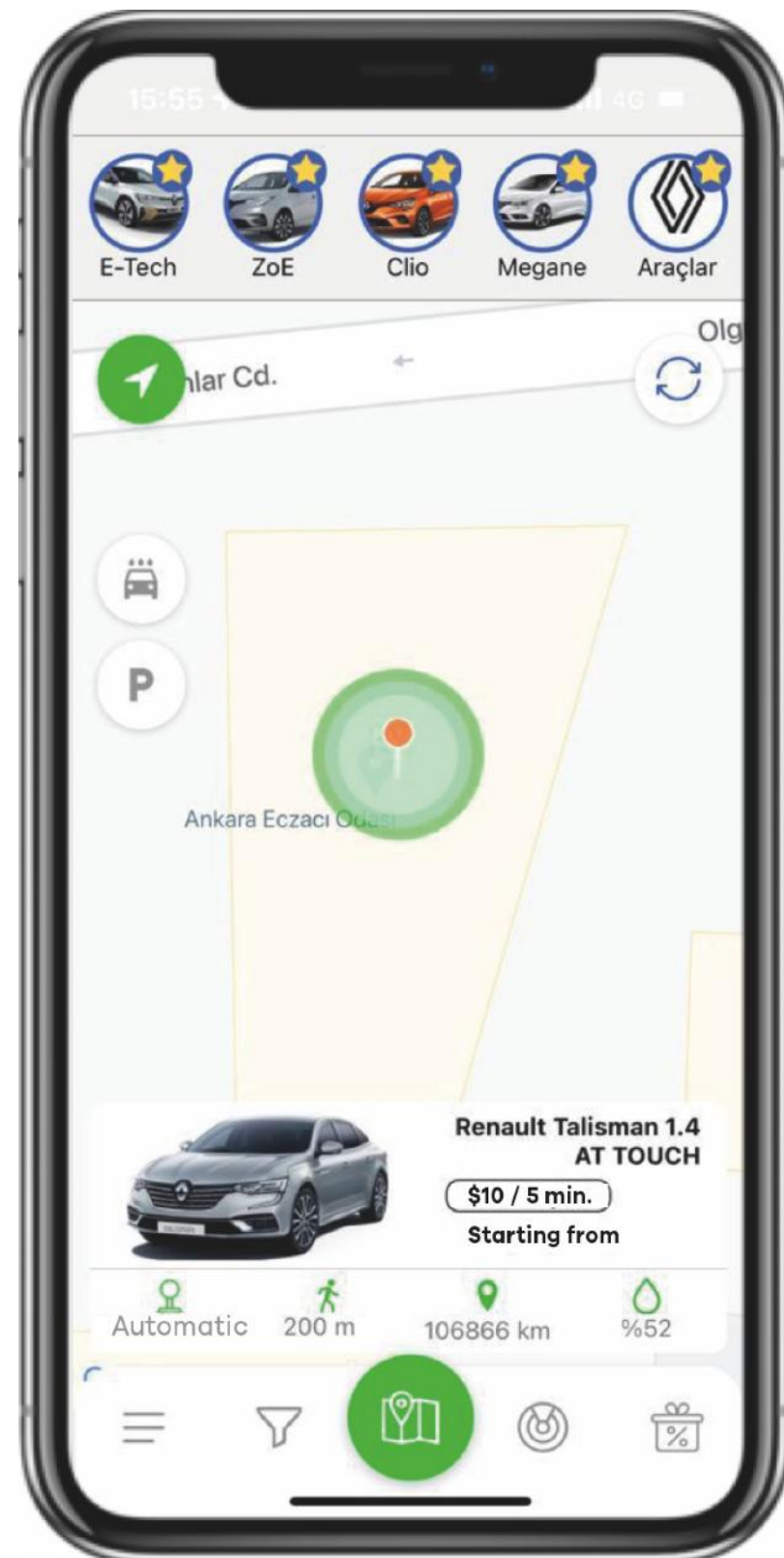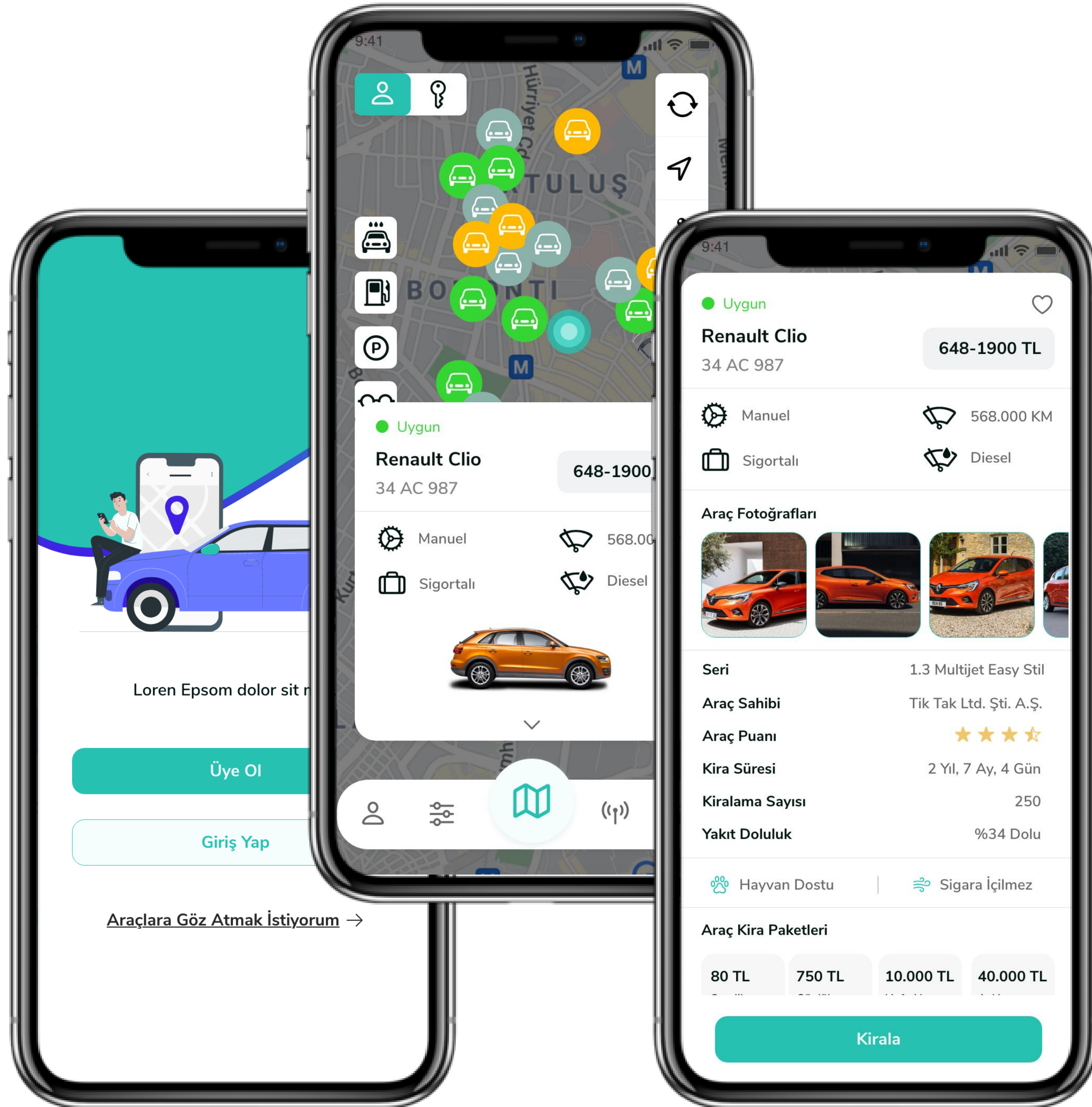
Car Sharing Web & Mobile Application Platform UI/UX and Development

Utilizing our connected car and telemetry infrastructure, we built a state of the car sharing platform. This platform can be used either as a market[place or can be licensed as white label to other companies. These companies can be rental car companies as well as fleet managers. Scope included Management and User consoles as well as IOS, Android and Huawei apps developed using React Native technologies.

Users can easily rent desired cars by the hour or daily. Lock/Unlock, Start/Stop functions are performed through the app remotely. Users can find the cars by proximity or brand. Different pricing are given to different users by their driving patterns (good vs bad driver).

Car Sharing Web & Mobile Application Platform UI/UX and Development

Utilizing our connected car and telemetry infrastructure, we built a state of the car sharing platform. This platform can be used either as a market[place or can be licensed as white label to other companies. These companies can be rental car companies as well as fleet managers. Scope included Management and User consoles as well as IOS, Android and Huawei apps developed using React Native technologies.
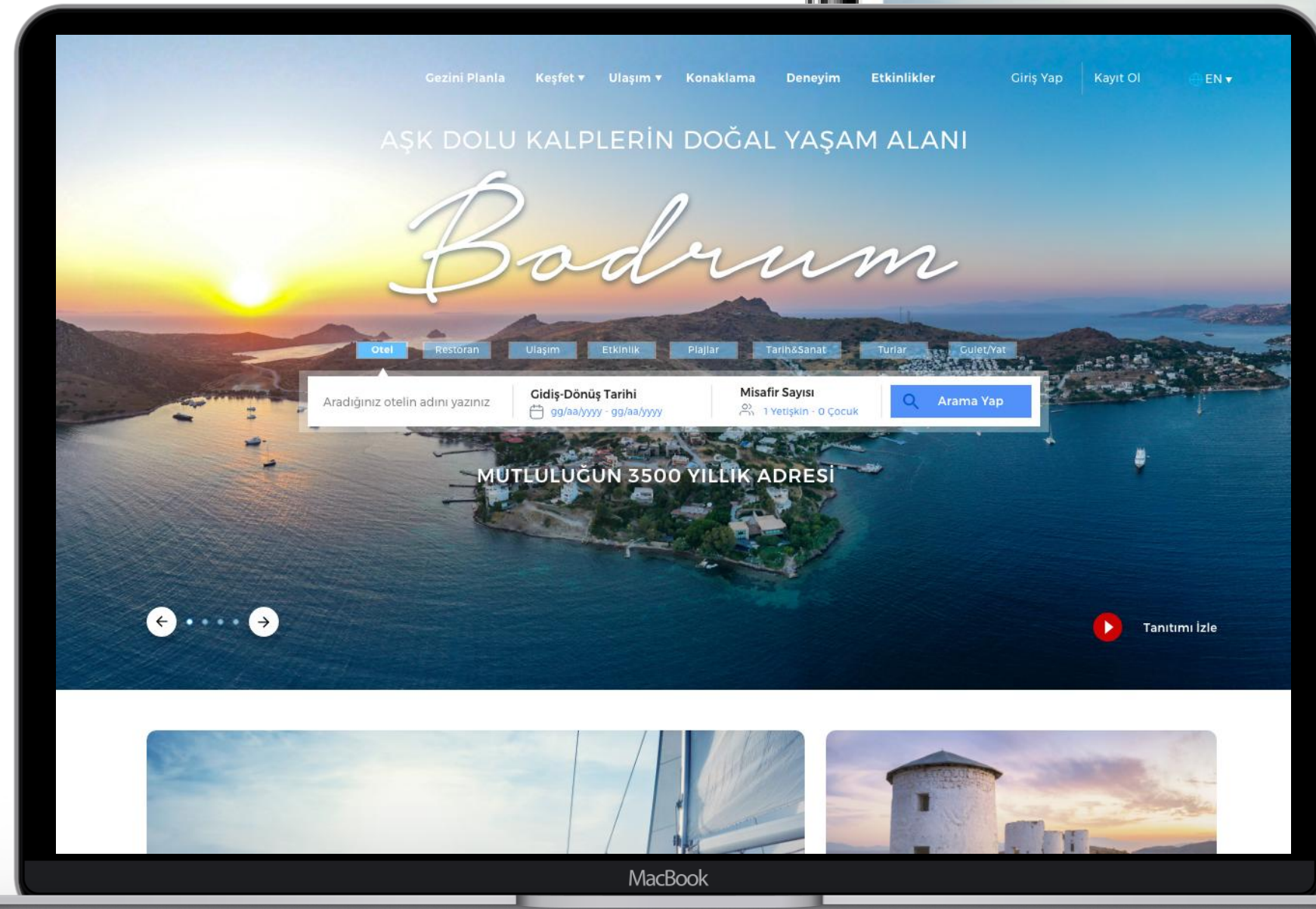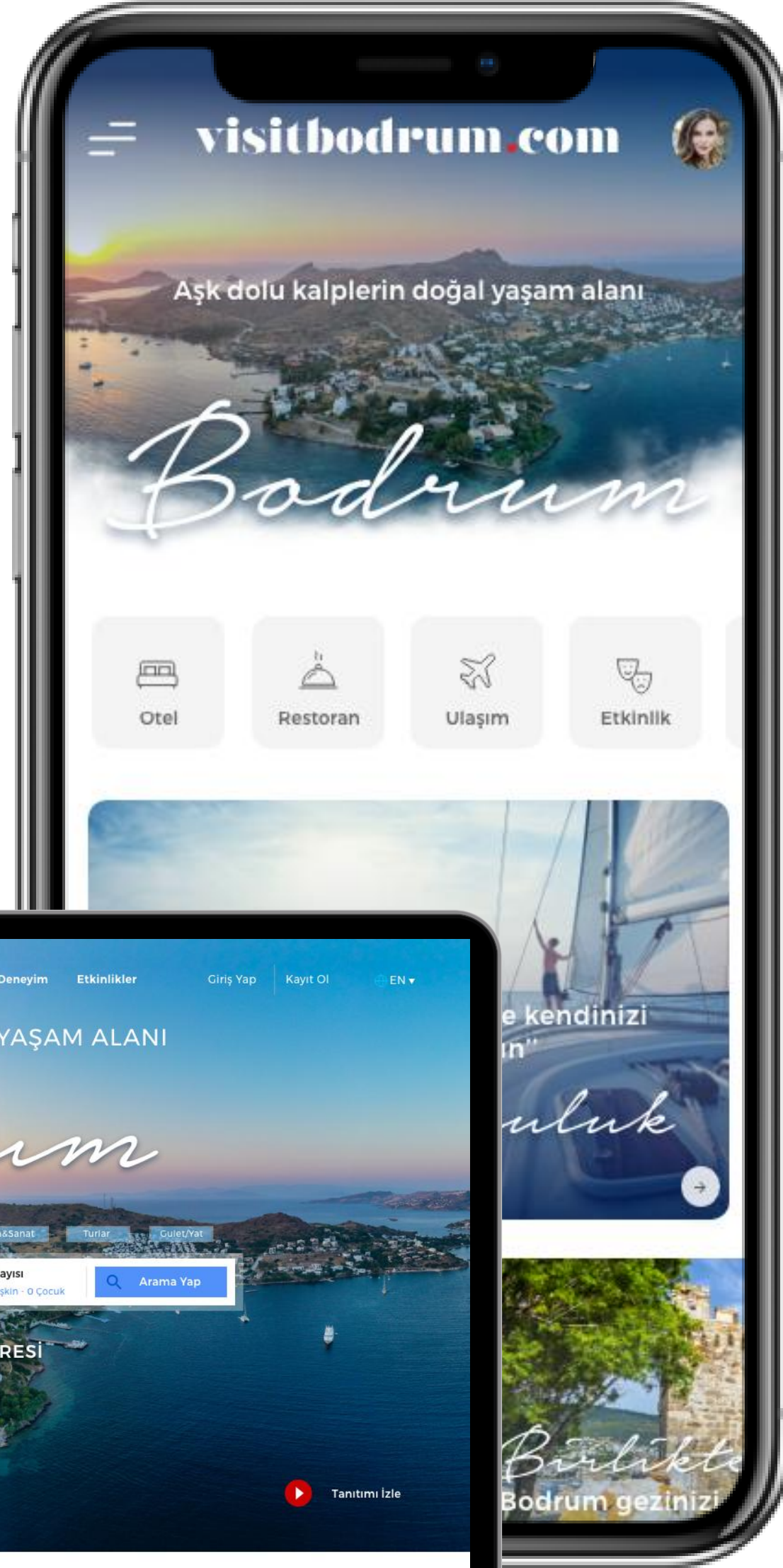
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Bodrum's New Web and Mobile Marketing Platform Design and Development

A unique visitbodrum.com project was carried out by 4A Labs with a unique structure that combines holiday planning, flight ticket sales, booking, events and participation in tours. All the design and software development processes of the platform was custom developed with a state of the art technology.
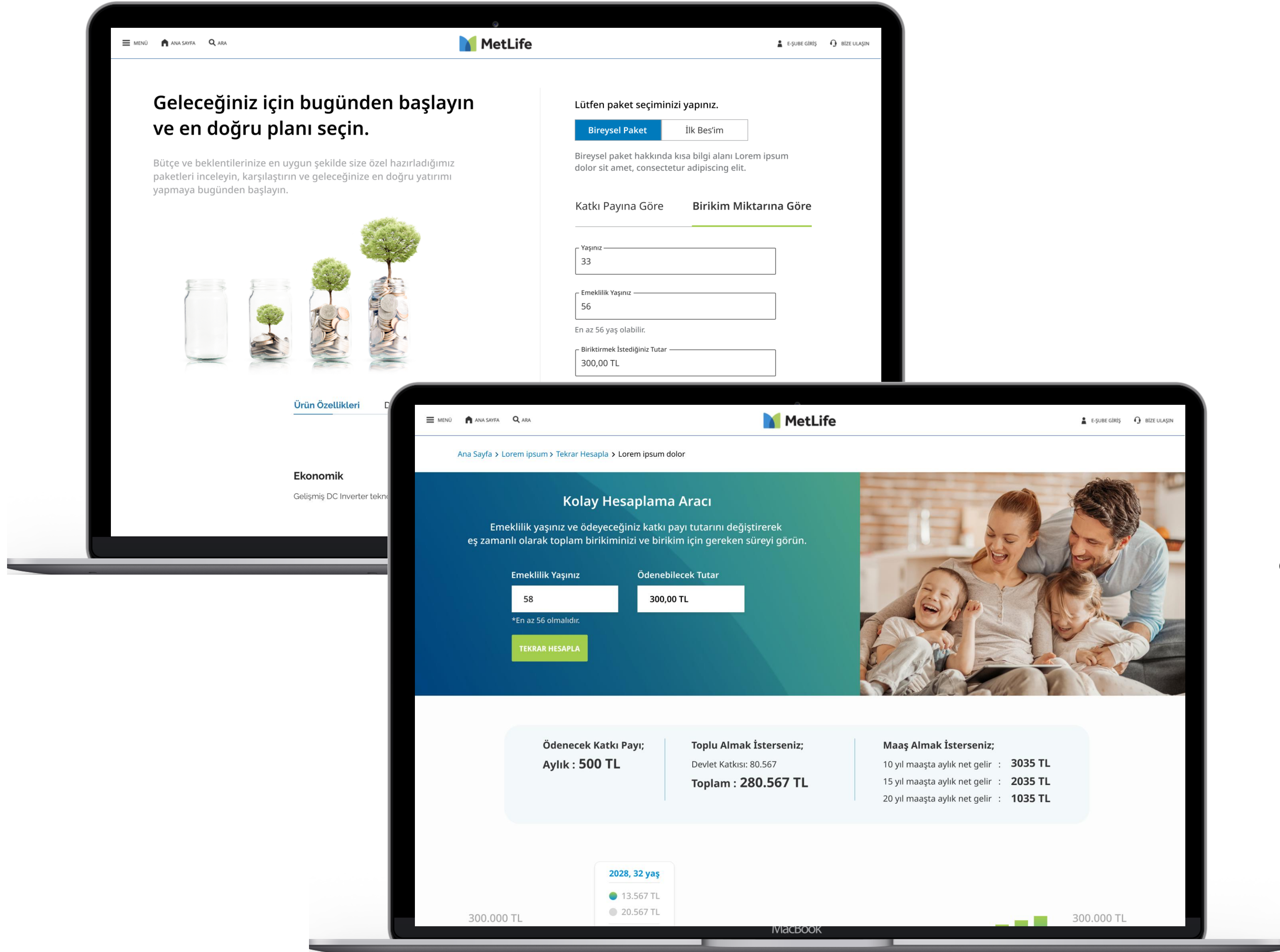
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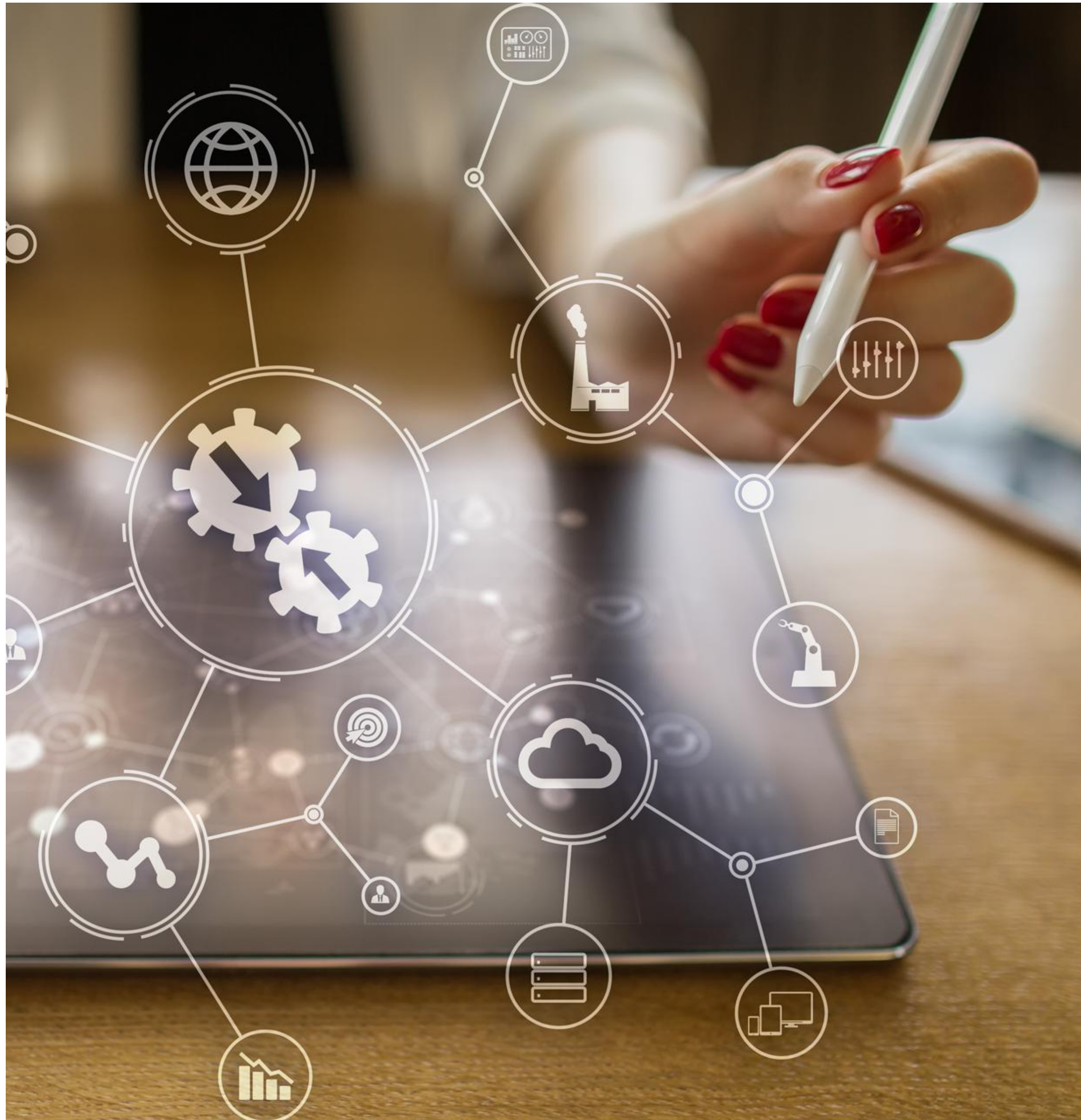
Our UI/UX Projects

Large Scale Enterprise and Corporate Solutions

4A Labs

Individual Retirement Platform UI/UX Design

In this project we are completely redesigning the user experience as well as the user interfaces of the Metlife Individual Retirement Web. The Metlife IR web will have much fresher, trendier, easy to use look and feel.
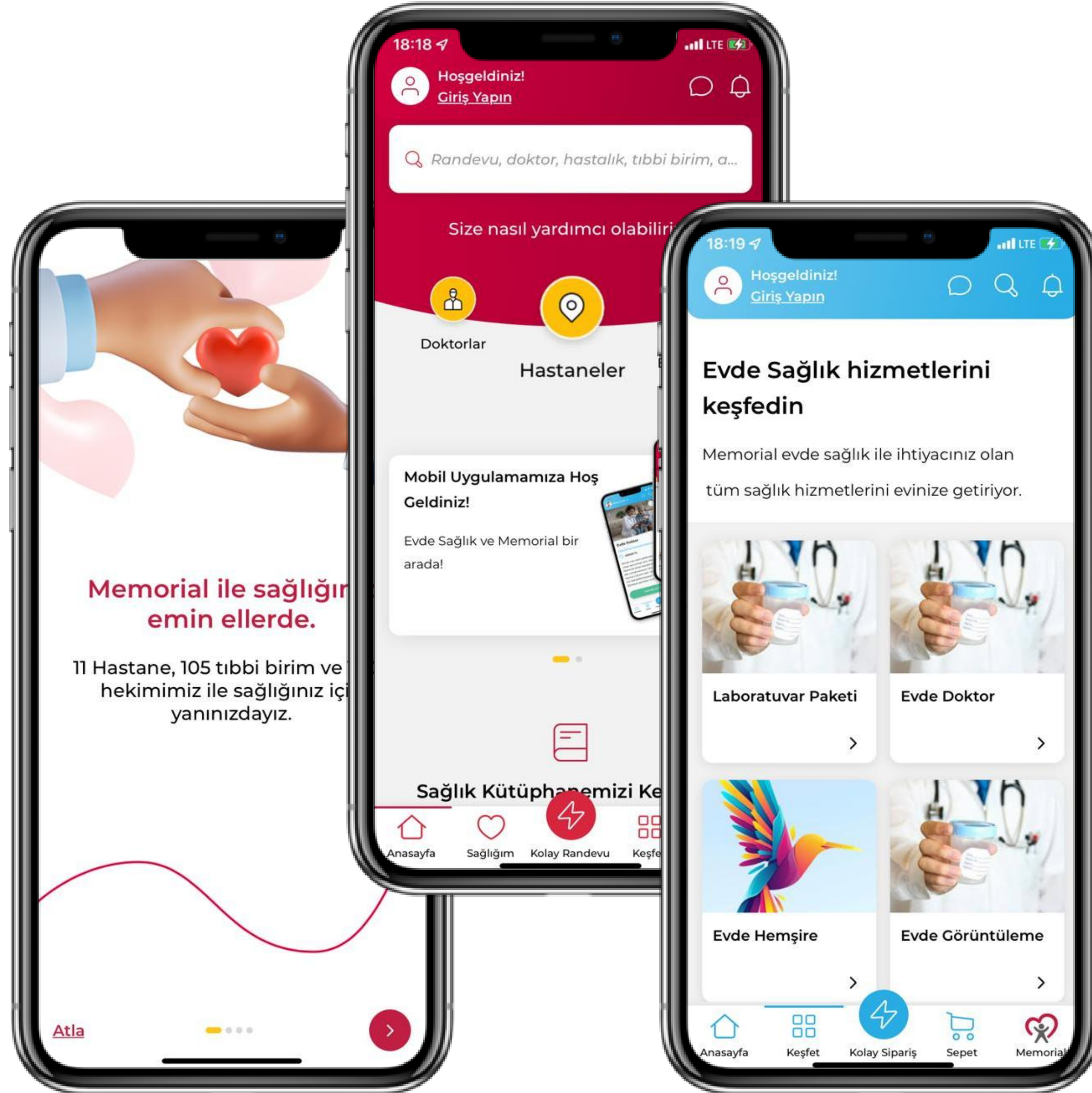
HSE on Air Mobile App Design & Development

''HSE on Air'' is an application designed for blue-collar employees to be always aware of health and safety importance in daily life, report unsafe situations easily and follow some actions accordingly.

Application shows safety status such as road safety events, life saving rules breach or potential serious safety incidents.

It helps for short way reporting with or without pictures for unsafe conditions detected in facilities as well as allowing users to reach emergency contacts easily.

Digital Health Application Design & Development

State of the art mobile application will allow patients and their families to automatically keep in touch with the hospital over the internet, and make an appointment or be examined directly when they show signs of illness. In addition, it will bring home service from the hospital and ensure that all processes are followed. It will also contain the Analysis data that the users will need.

MEMORIAL

4A Labs

OMSAN Corporate Mobile App Design & Development

Forward-looking infrastructure requirements have been prepared for the corporate mobile application that will combine all mobile applications for OMSAN employees and suppliers on a single platform.

With the first module "My Car is on Vacation"; It was ensured that processes such as vehicle pick-up, vehicle delivery, incoming vehicle list, and entry of damage information were carried out by valets through the mobile application.
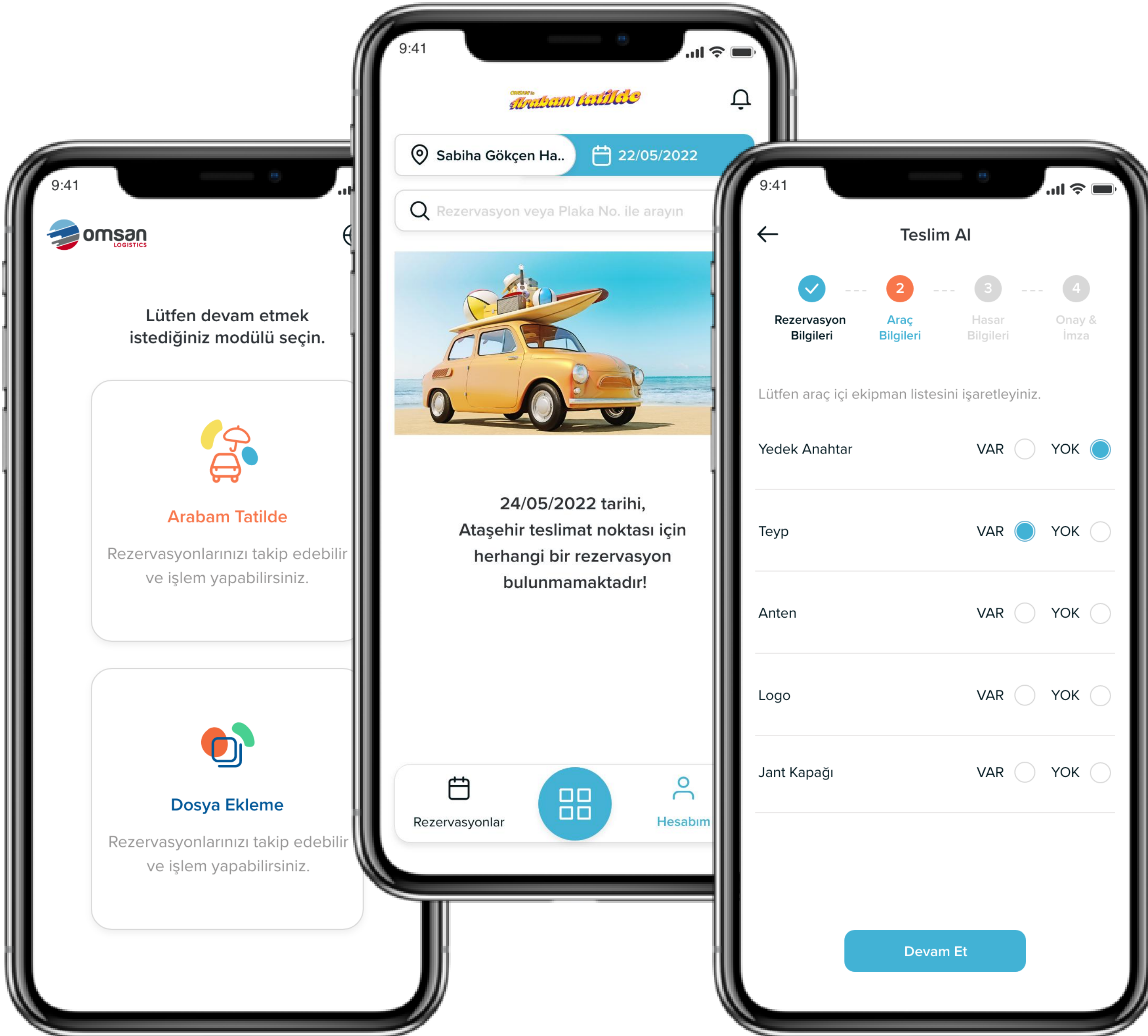
Electric Provider Online Operations Web Platform Design & Development

P R O J E C T   O N E

The Online Operations Platform was designed and developed by 4A Labs using latest responsive web technologies. Aydem subscribers (customers) can now perform their online transactions via our custom built system.

In the application, customers can start new memberships, view their current contracts, renew or cancel their existing contracts, view invoice and payment details, make online payments and update their profiles.. They can also indicate their demands and requests, ask questions and create appointment requests.

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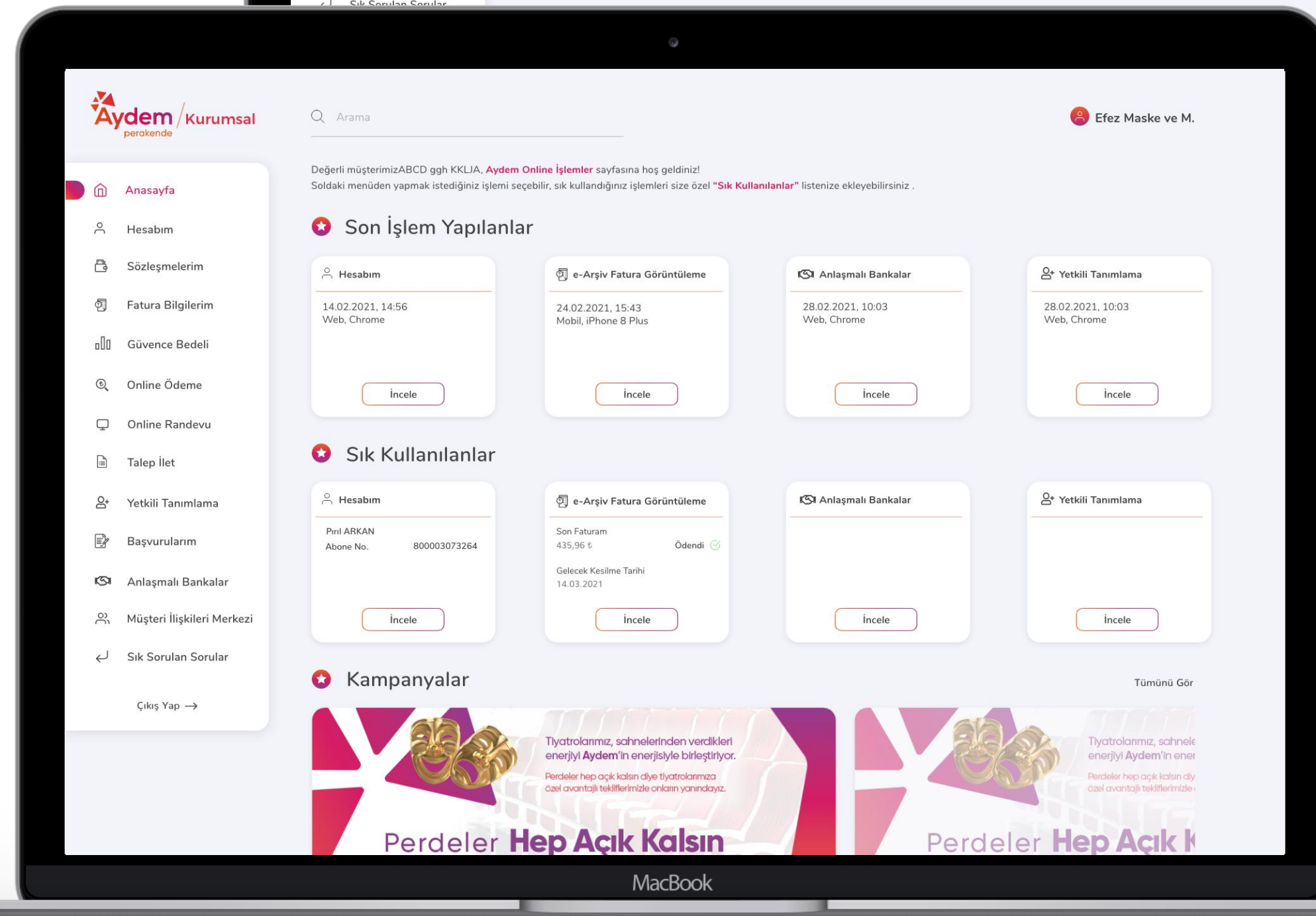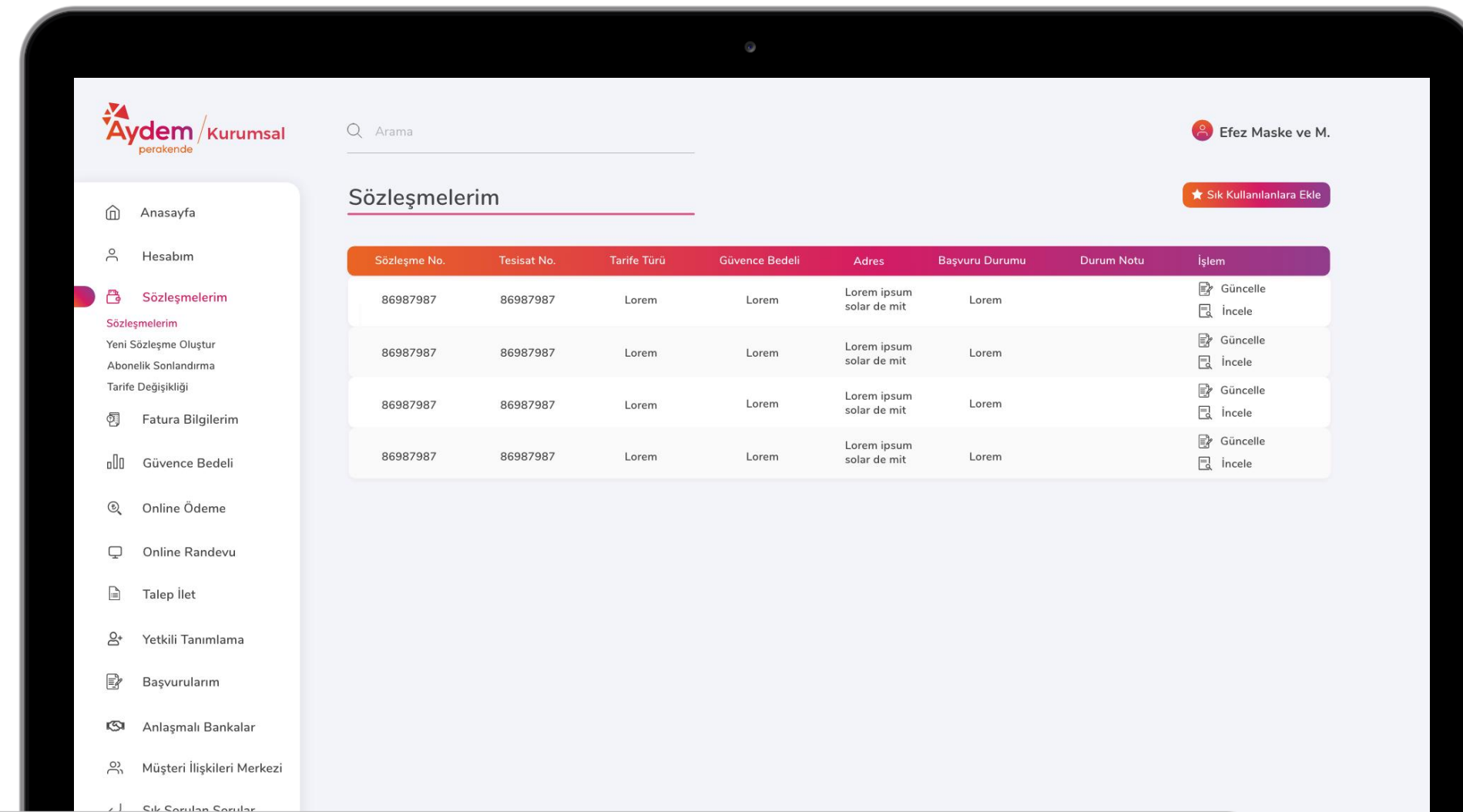
Invoice Reading Mobile Application with OCR UI/UX and Development

PROJECT TWO

This project includes developing a mobile platform where the users will be directed for reading electricity bills with OCR, uploading the photographed invoices to the application, taking actions according to the relevant criteria. Mobile application will work with existing integration services and third parties.
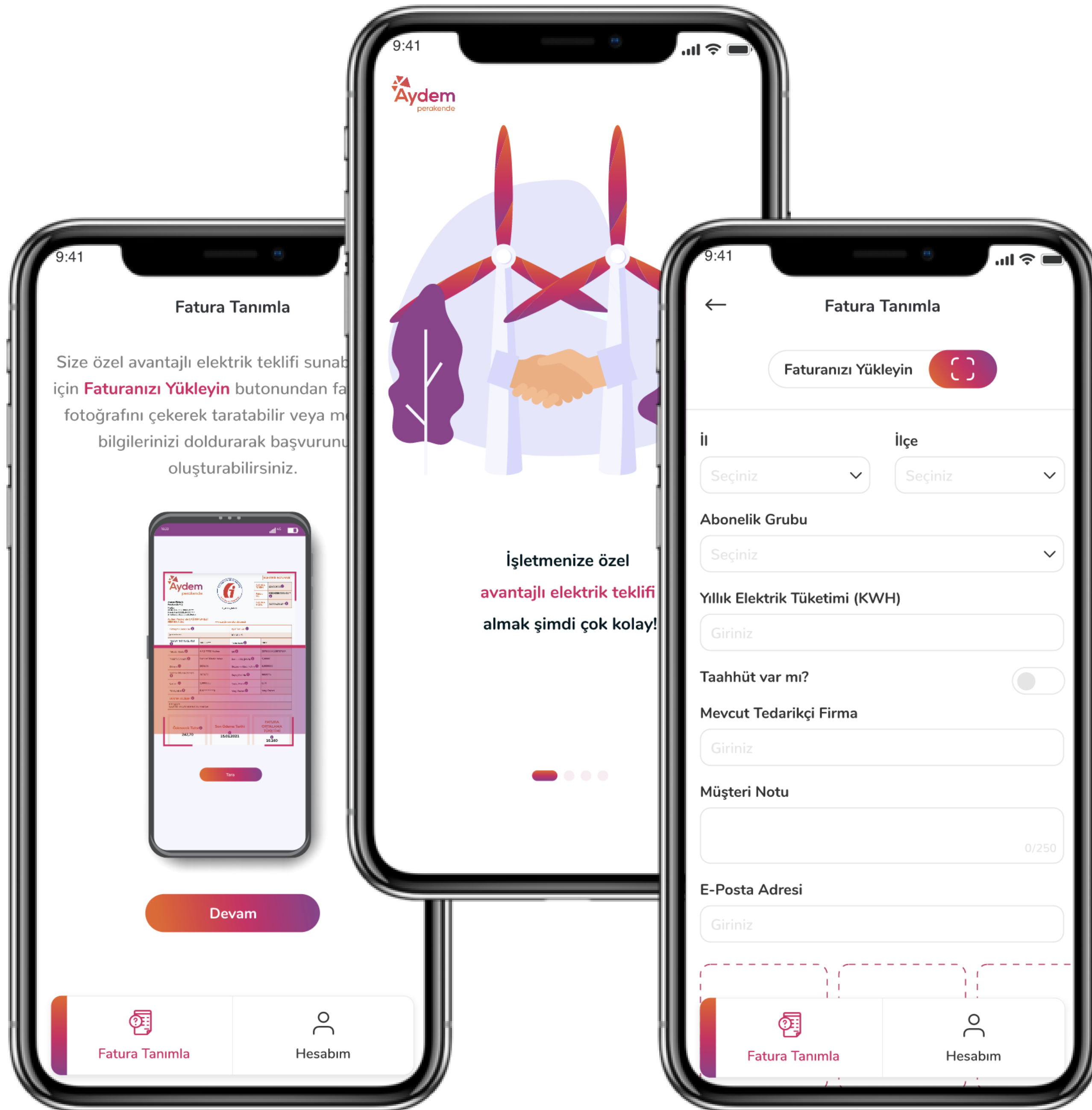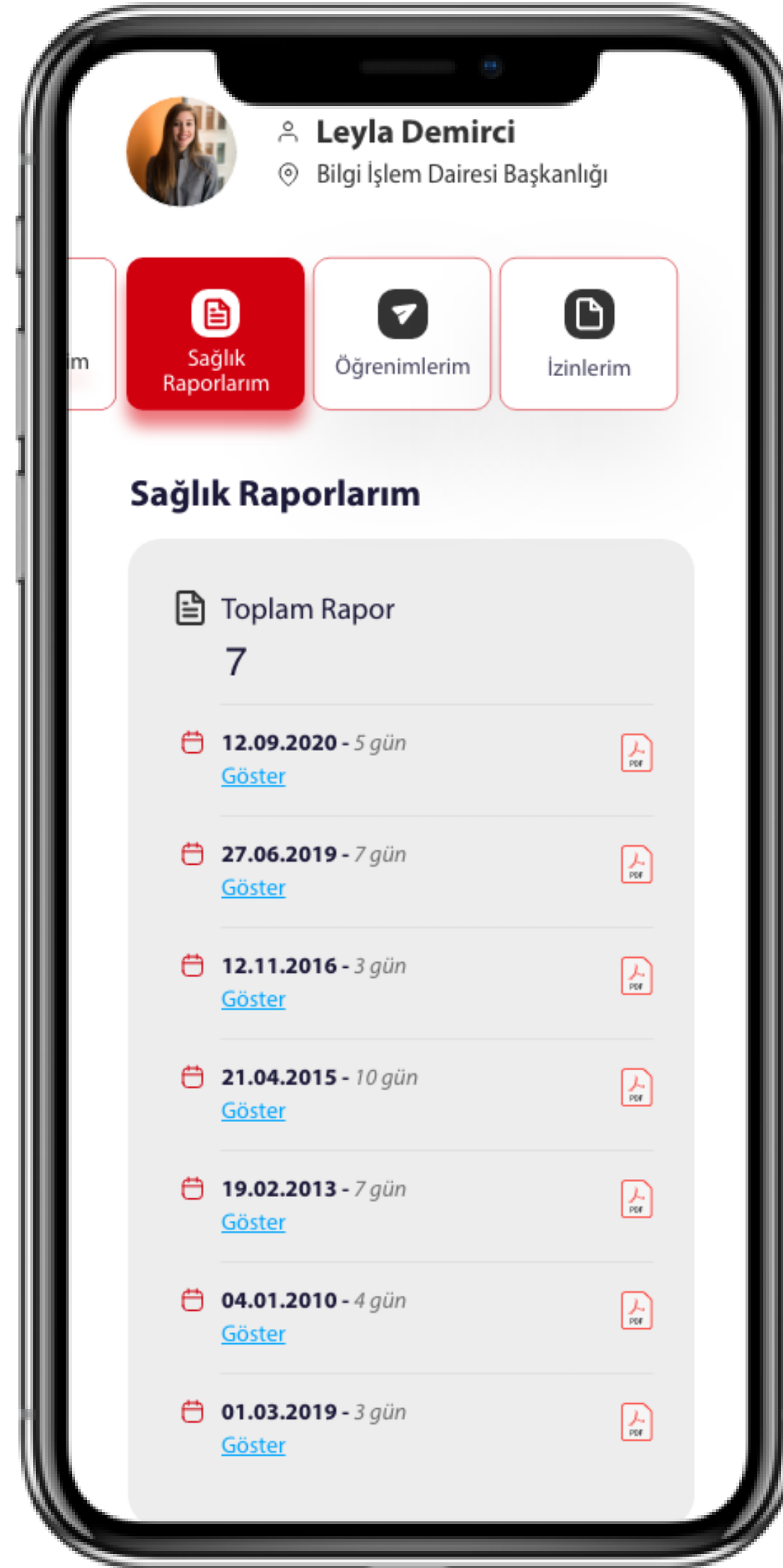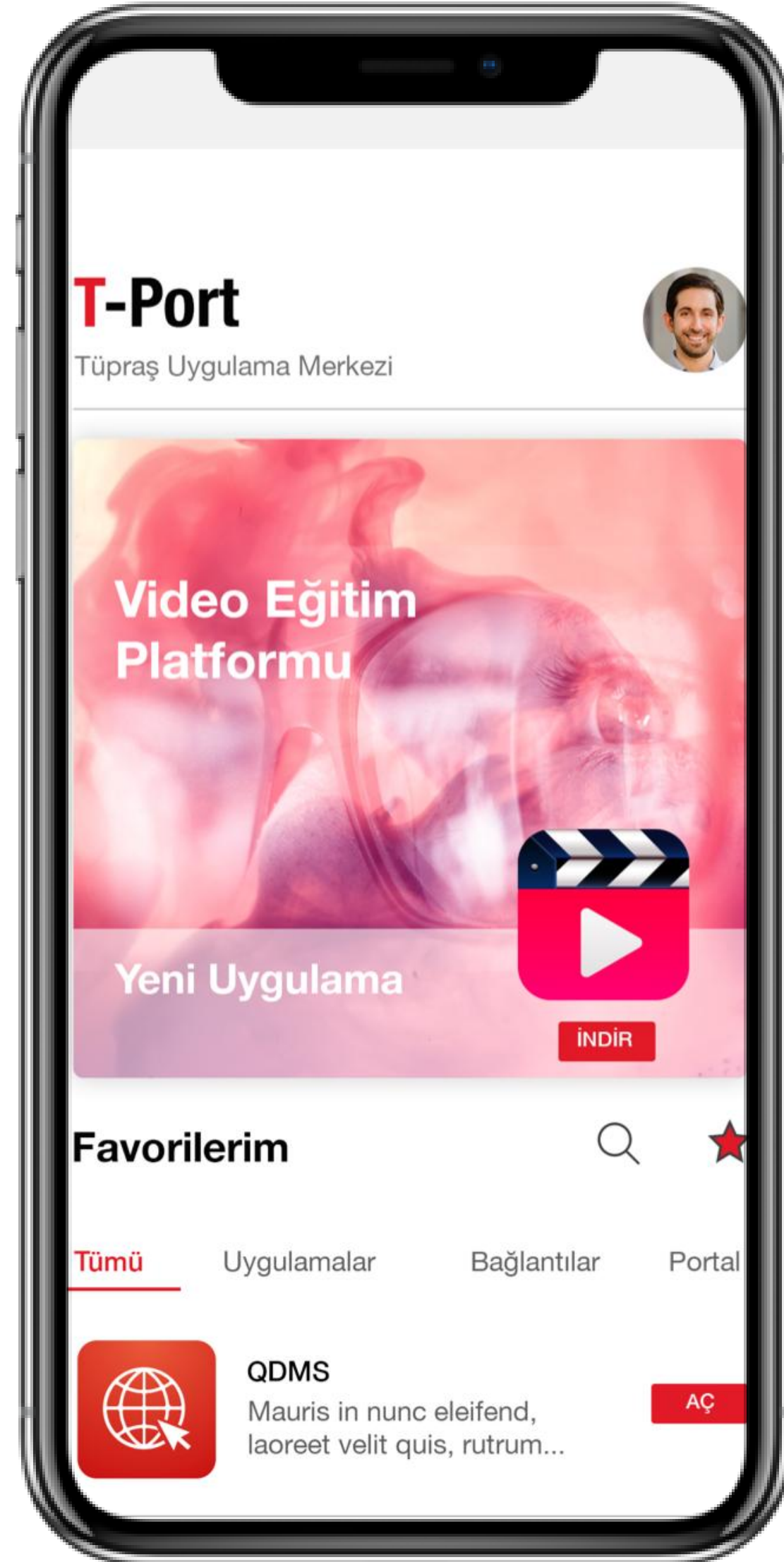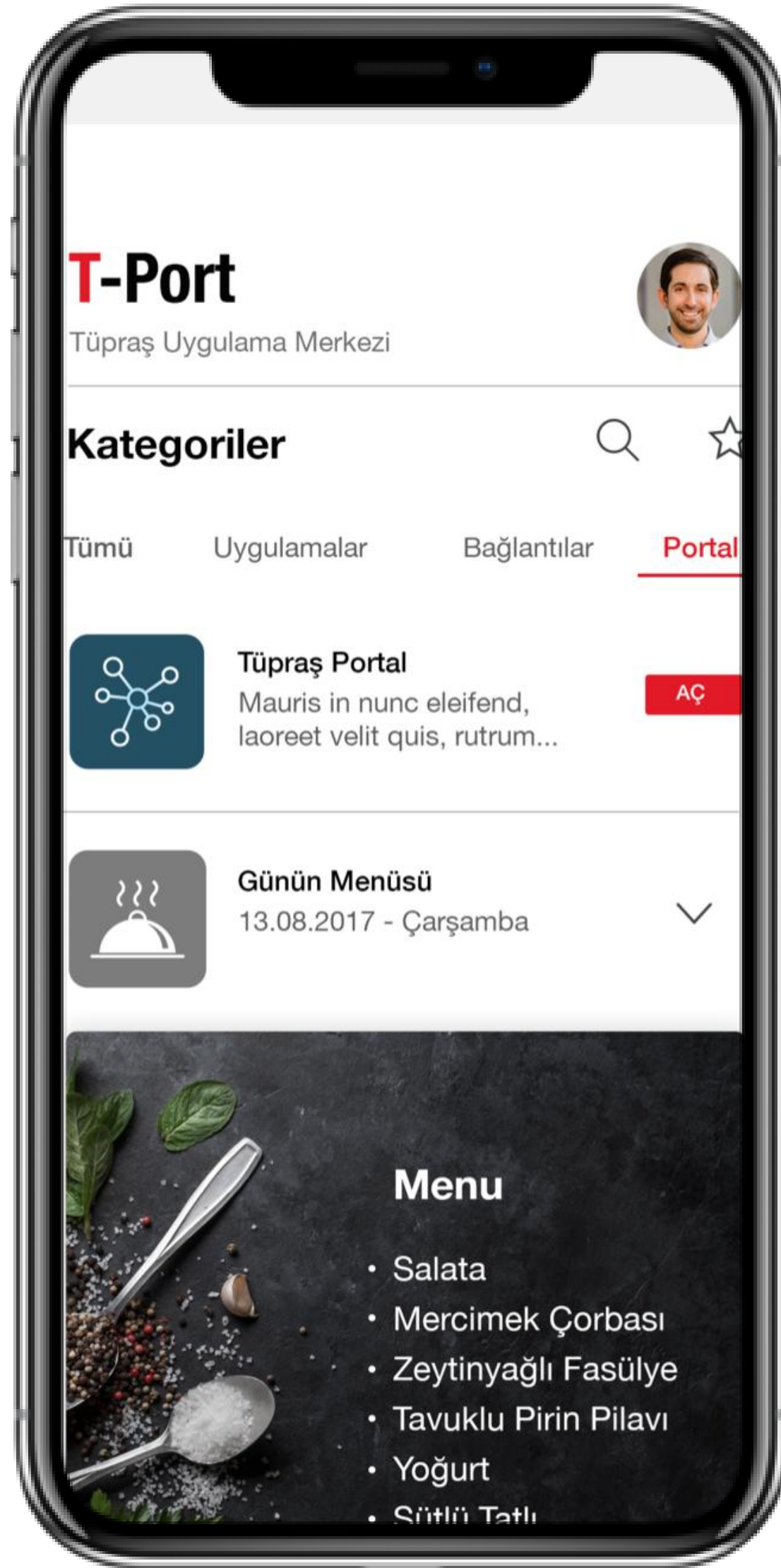
Personnel Information System Mobile Application

We are designing mobile application where the personnel of the Turkish Ministry of Culture and Tourism can view all their personal information and also receive application and planning supported secretariat service within the ministry.

Tüpraş App Store Design and Development

Mid to large enterprises depend on their software solutions to operate. Usually, these solutions are located on-premises and only can be access through a physical connection to corporate network or through VPN. Providing VPN access to employees can be costly therefore companies of such scale do not consider publishing their solutions to reduce cost. AppStore developed for Tüpraş overcomes this issue by providing a secure access to on-premise applications from mobile devices so that they can be reached from anywhere in the world. Operating over standard internet connection, AppStore became the most used application for Tüpraş employees.

Corporate Mobile Application UI/UX and Development

Internal users can manage the customers, create and approve capacity, process orders and agreement requests. They can announce bids and make regular announcements such as stock and price updates. Customer complaints, created in the Sales App can be managed with the Corporate App.

4A Labs
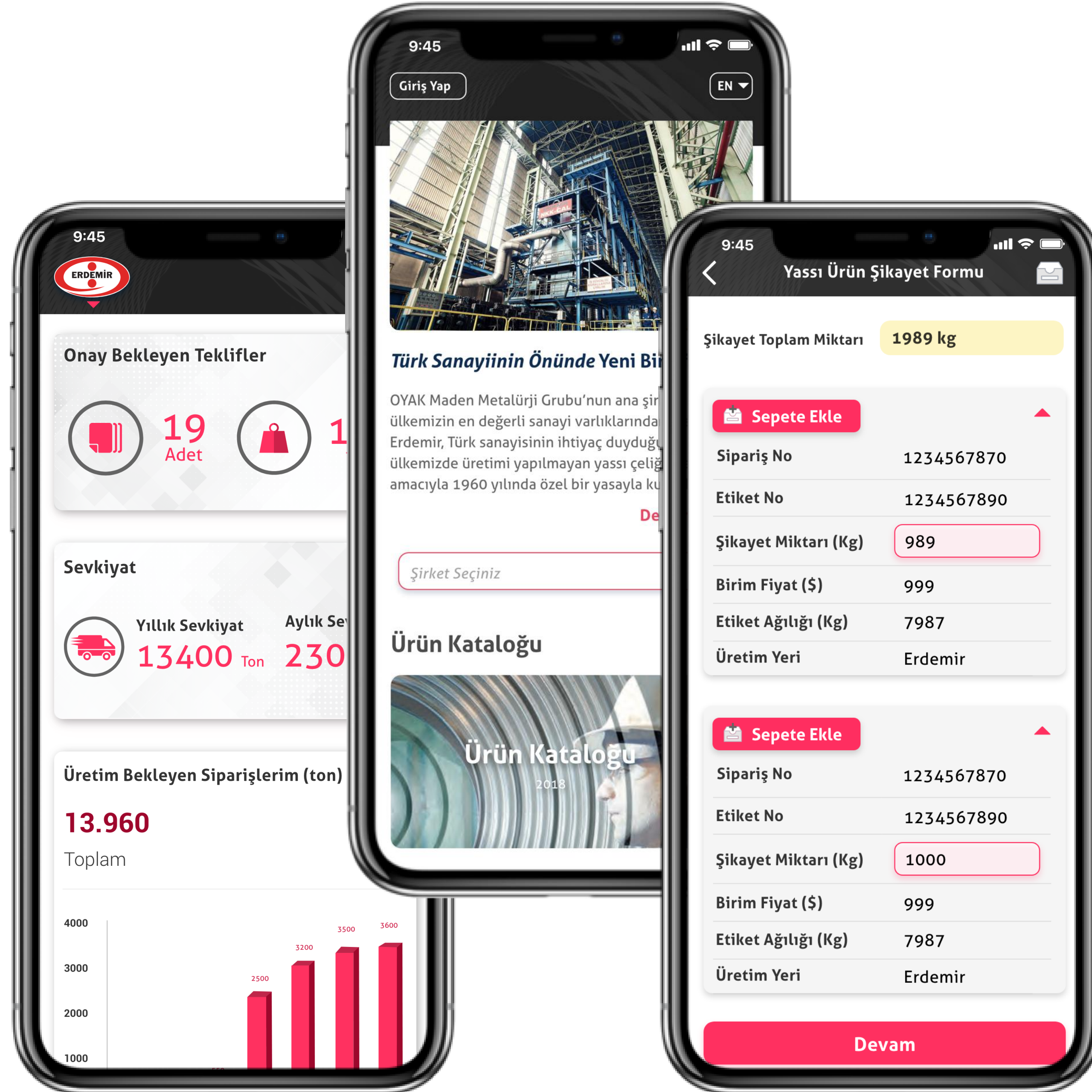
Sales Mobile Application UI/UX and Development

Customers can manage their sales processes via the mobile app anytime. They can approve sales orders, agreement offerings, see company info, add, and track complaints

4A Labs

Carrier Mobile Application UI/UX and Development

Our solutions allow drivers and shipping companies to track their daily shipping tasks, delivery status and load capacities. With effective dashboards, it is easy to monitor the driver/warehouse and shipping on a company basis.
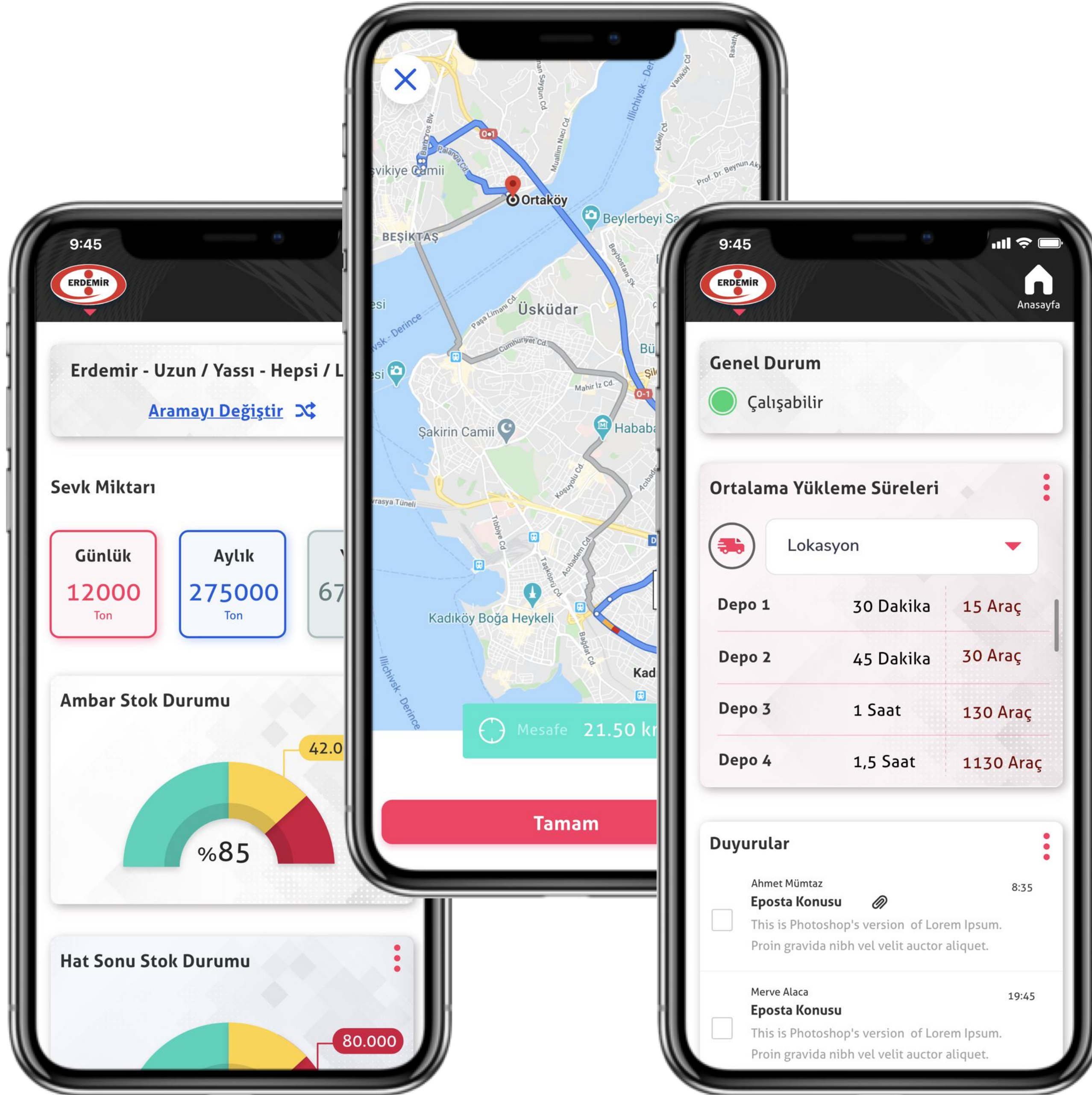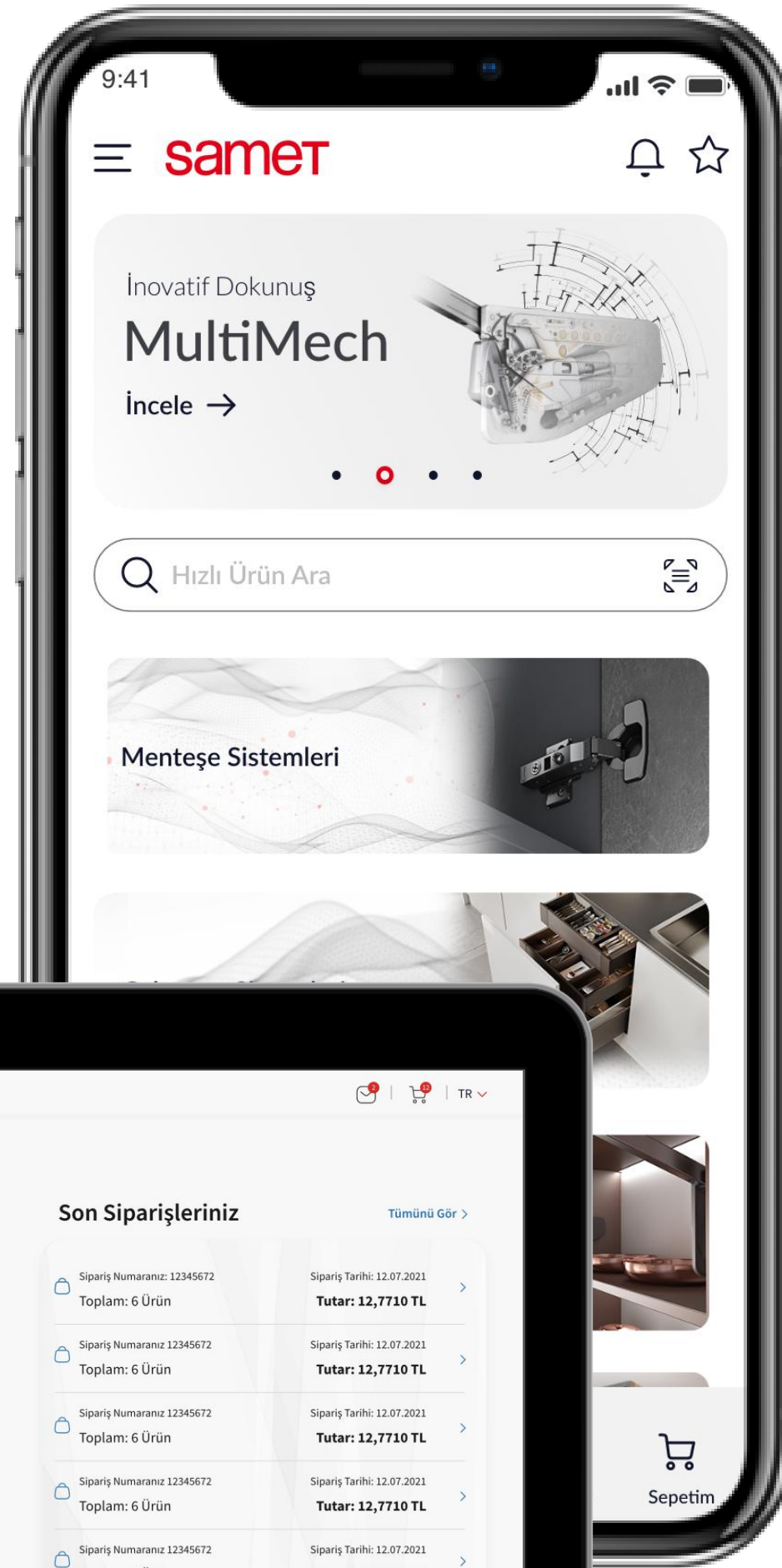
Samet Corporate Website UI/UX and Production Design and Development

Custom designed and developed Samet's global corporate website as scroll based animated. Front-end and back-end modules are developed using latest technologies.
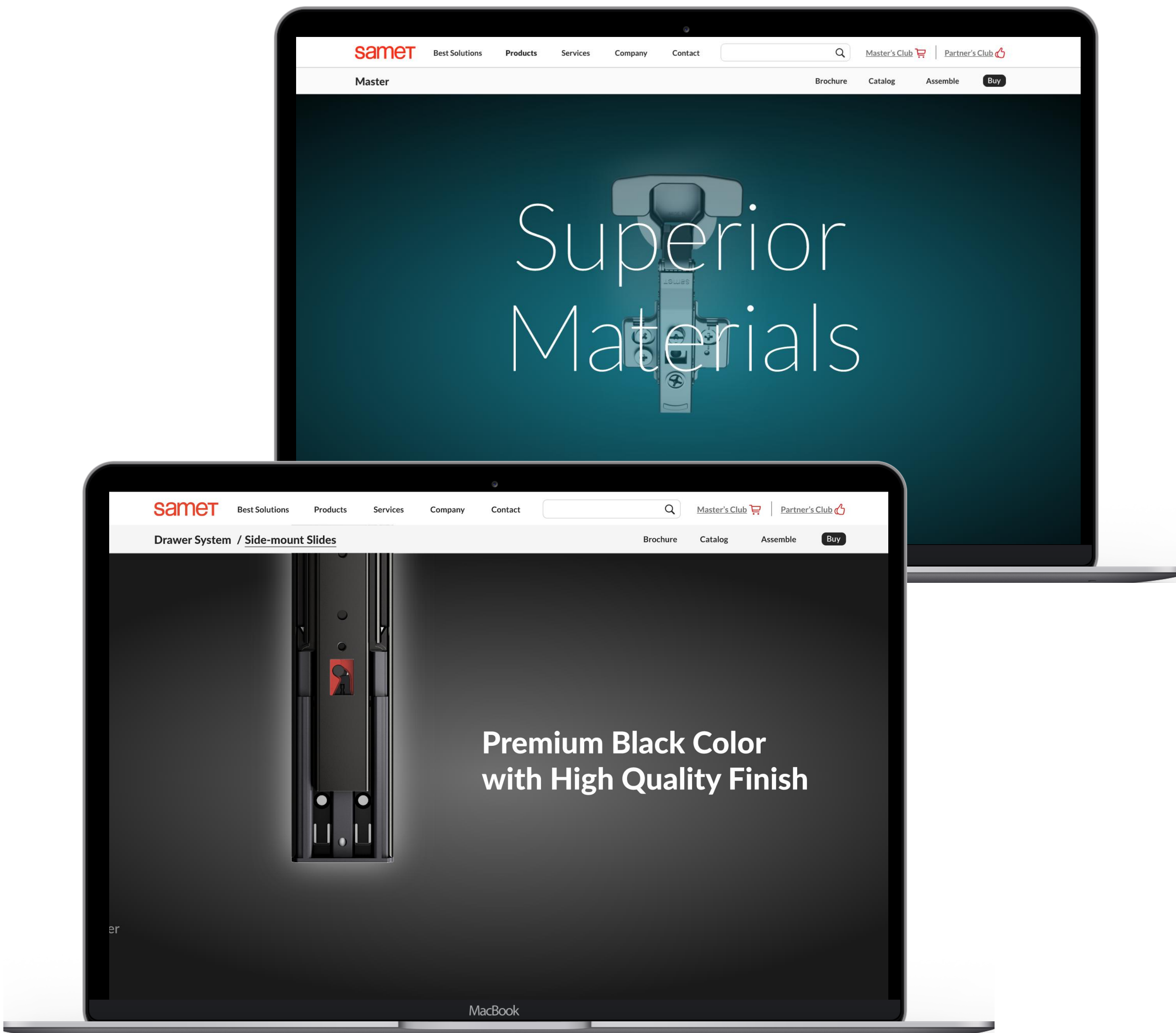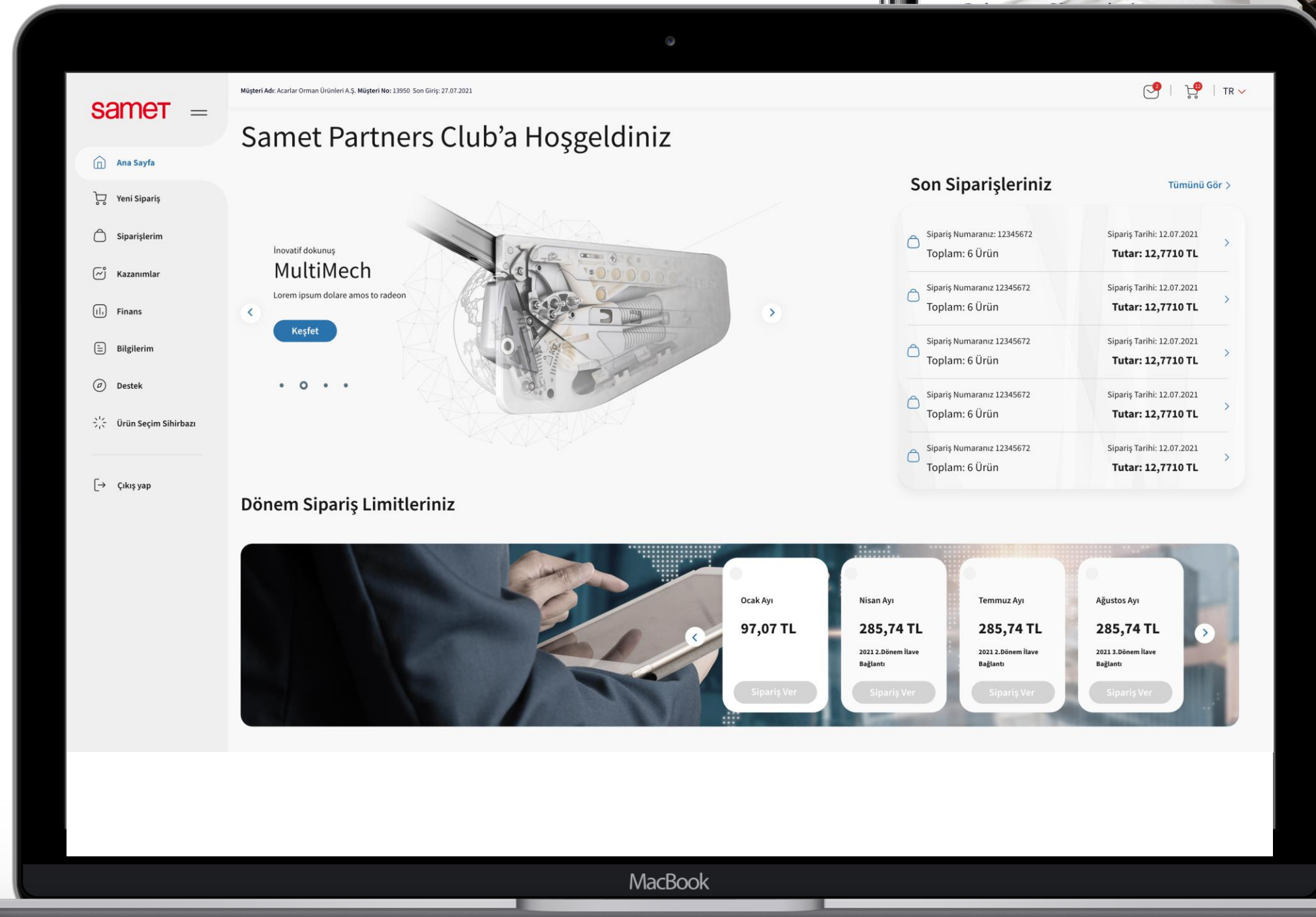
Distributor Management System

Custom designed and developed Samet's web and mobile distributor management software using state of the art technologies while integrating real-time with its ERP (IFS) system. Using the system Samet's over 700 distributors can place and track all their orders across Turkey, Russia and USA. Distributers can view in detail their real-time financial data including invoice, payments, credit balances, bonuses, discounts, campaign gains. System also provides number of detail reporting functions utilizing its Business Intelligence (BI) platform.

4A Labs

Assembly Guide for Samet Customers

With the easy-to-install mobile application developed by SAMET for both its customers and enthusiasts, everyone is now a carpenter.

4A Labs
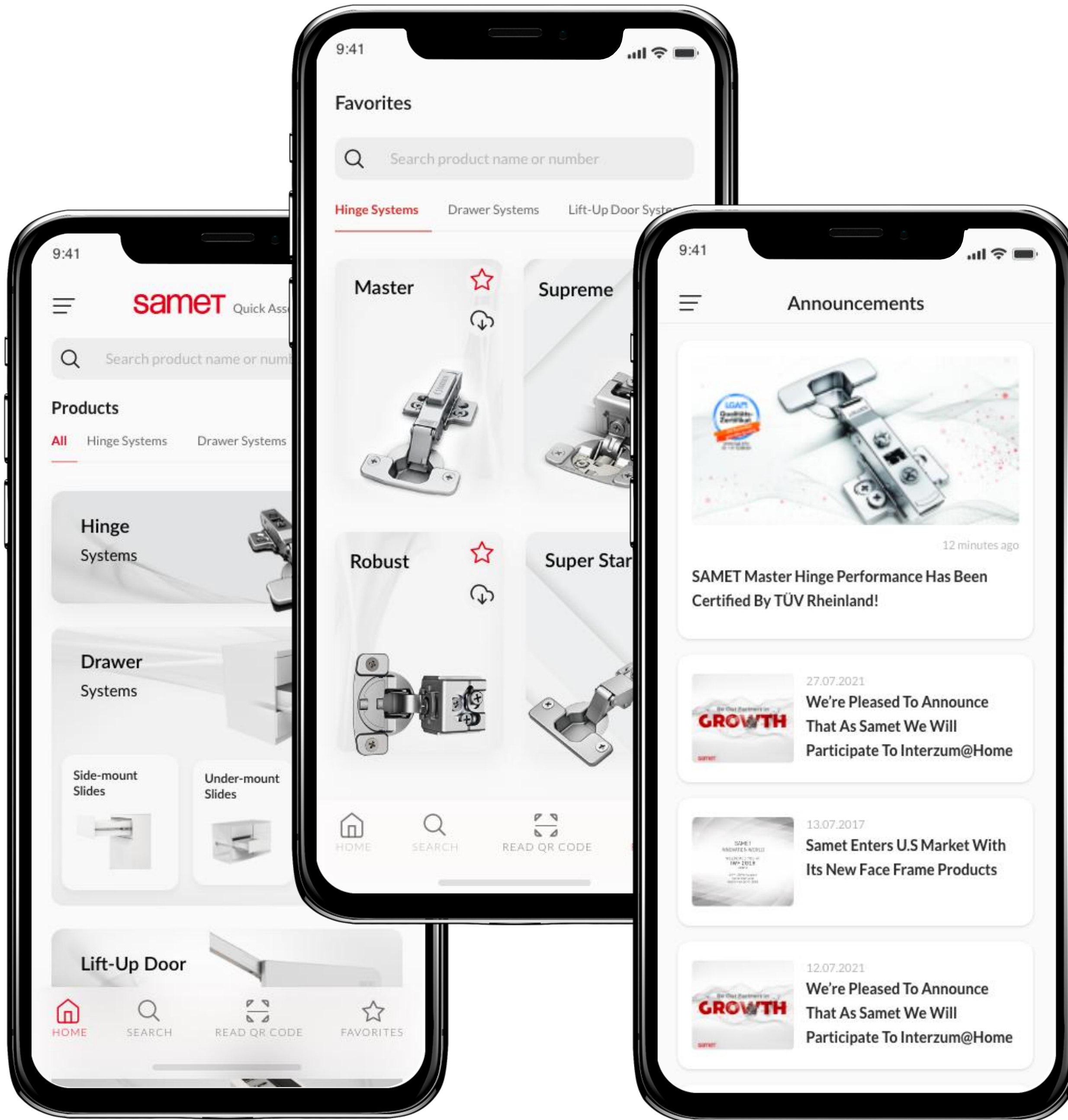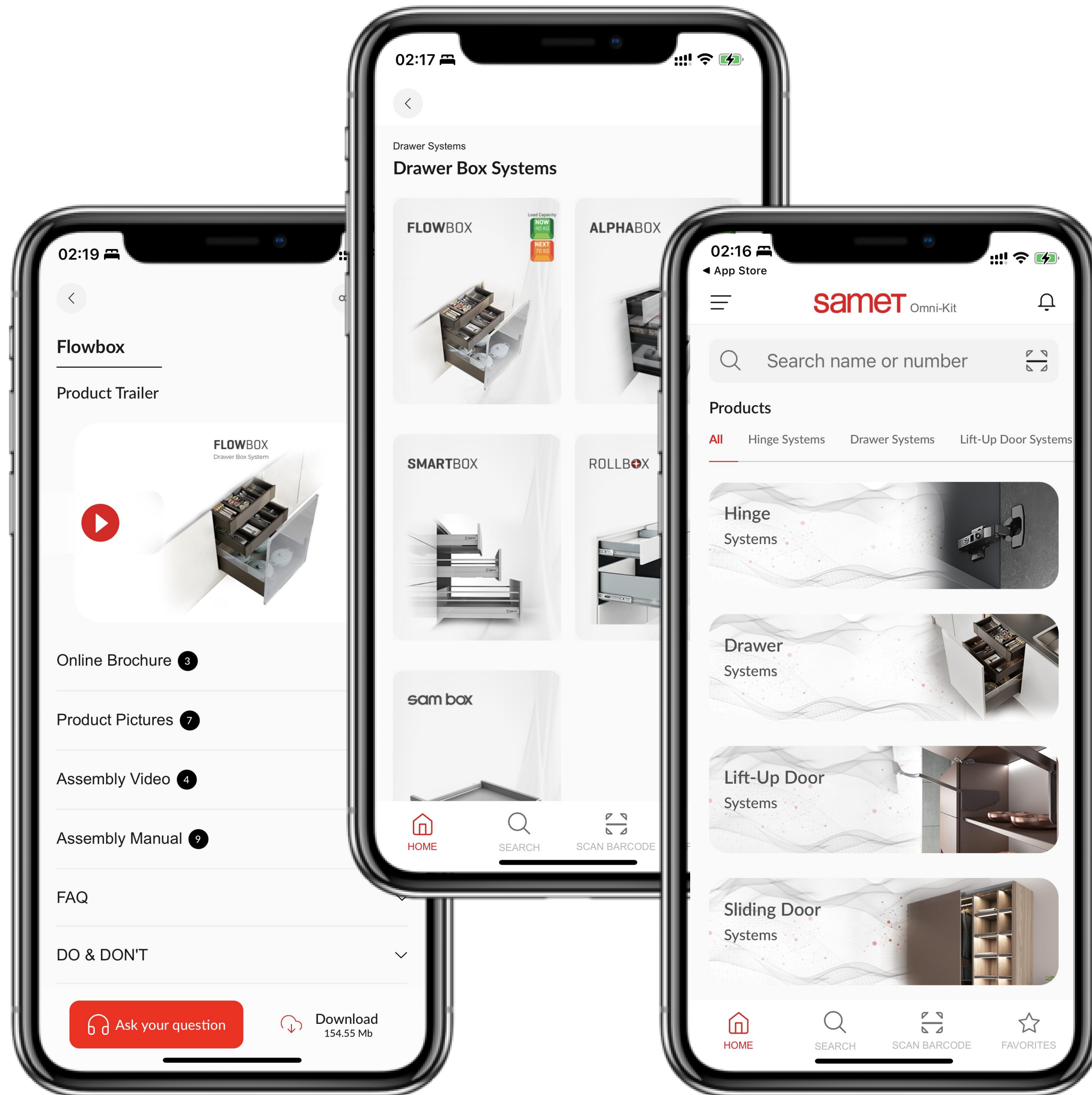
Omnikit Mobile App UI/UX and Development

With the easy-to-install mobile application developed by SAMET for both its customers and enthusiasts, everyone is now a carpenter.

Money Transfer Platform

Re-engineered software and hardware infrastructure of GönderAL which is exclusive partner of MoneyGram in Turkey. Designed and developed a tailor made software which enabled GönderAL to operate their 300 branches across the country for domestic and international money transfers. Advanced integration with POS systems, company expanded their operations to more than 1200 locations in collaboration with global supermarket chain Migros. Software includes custom developed anti money laundering (AML) and know your customer (KYC) modules to ensure authentic transfers.

4A Labs

Virtual Power Plant Management Platform

The platform we developed for Pure Energy enables all power plants in the company portfolio to see and report instant energy production and consumption data, as well as manage business models. 4A Labs designed and developed the entire software processes that have been implemented both as a web and mobile application.

EKOS

New Generation Professional Networking and Event Application

We have developed an application completely developed with machine learning, where users can participate in instant panels and sessions, and users with similar interests can interact with each other during sessions. All UI / UX and software developments of the application were carried out by 4A Labs.

4A Labs
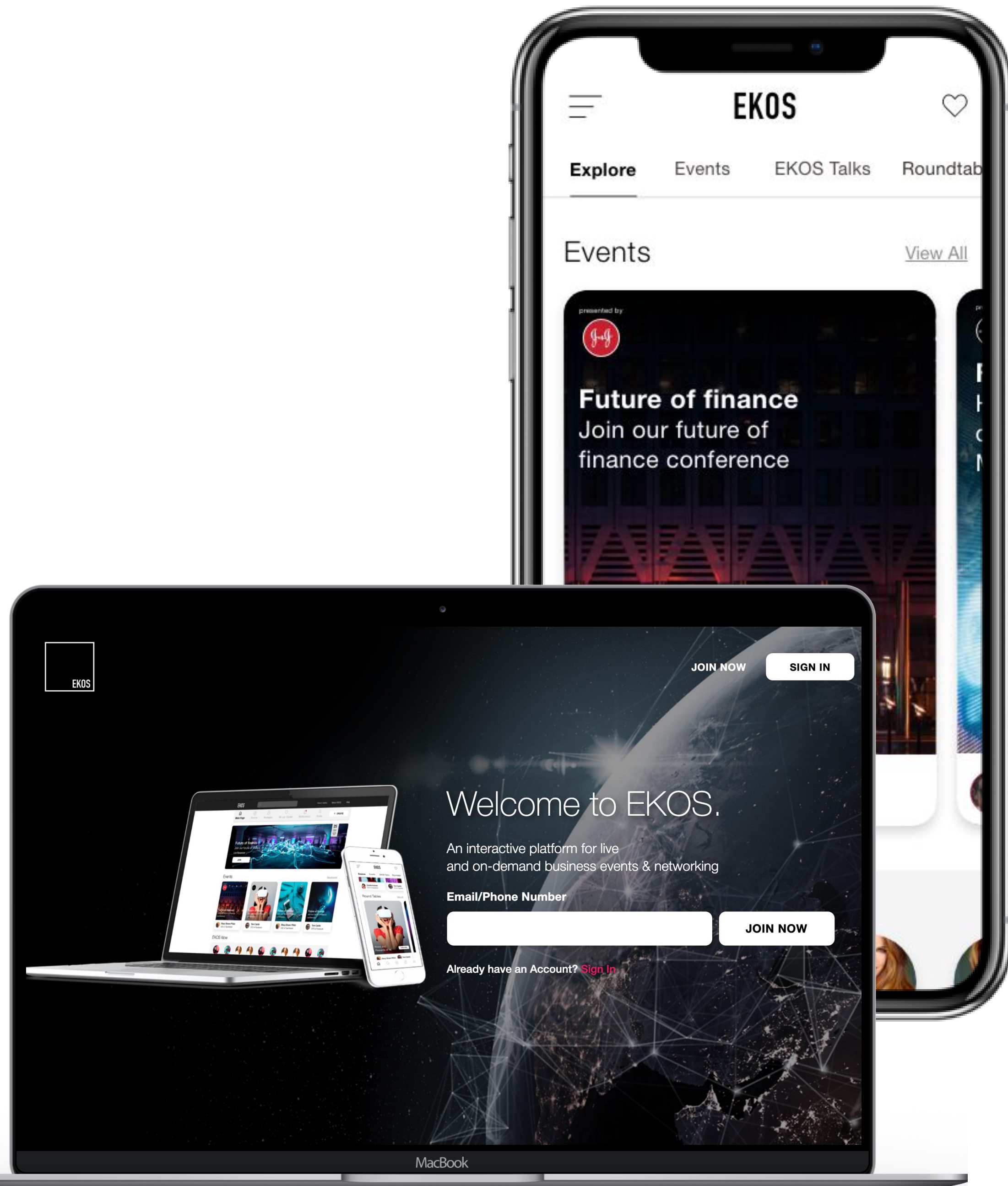
Our UI/UX Projects

Other Projects

4A Labs

Web UI/UX Design & Development
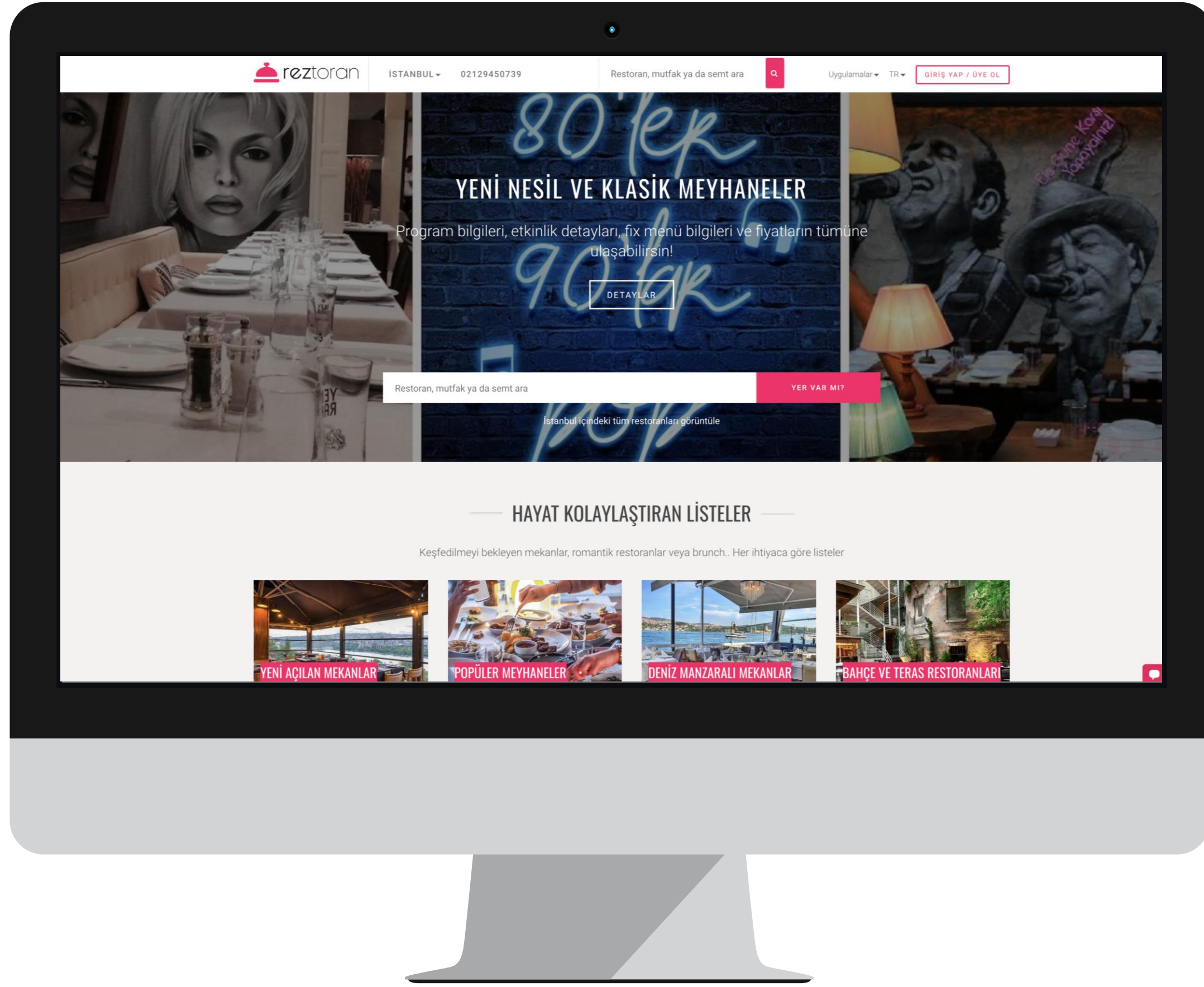
Reztoran Reservation Platform
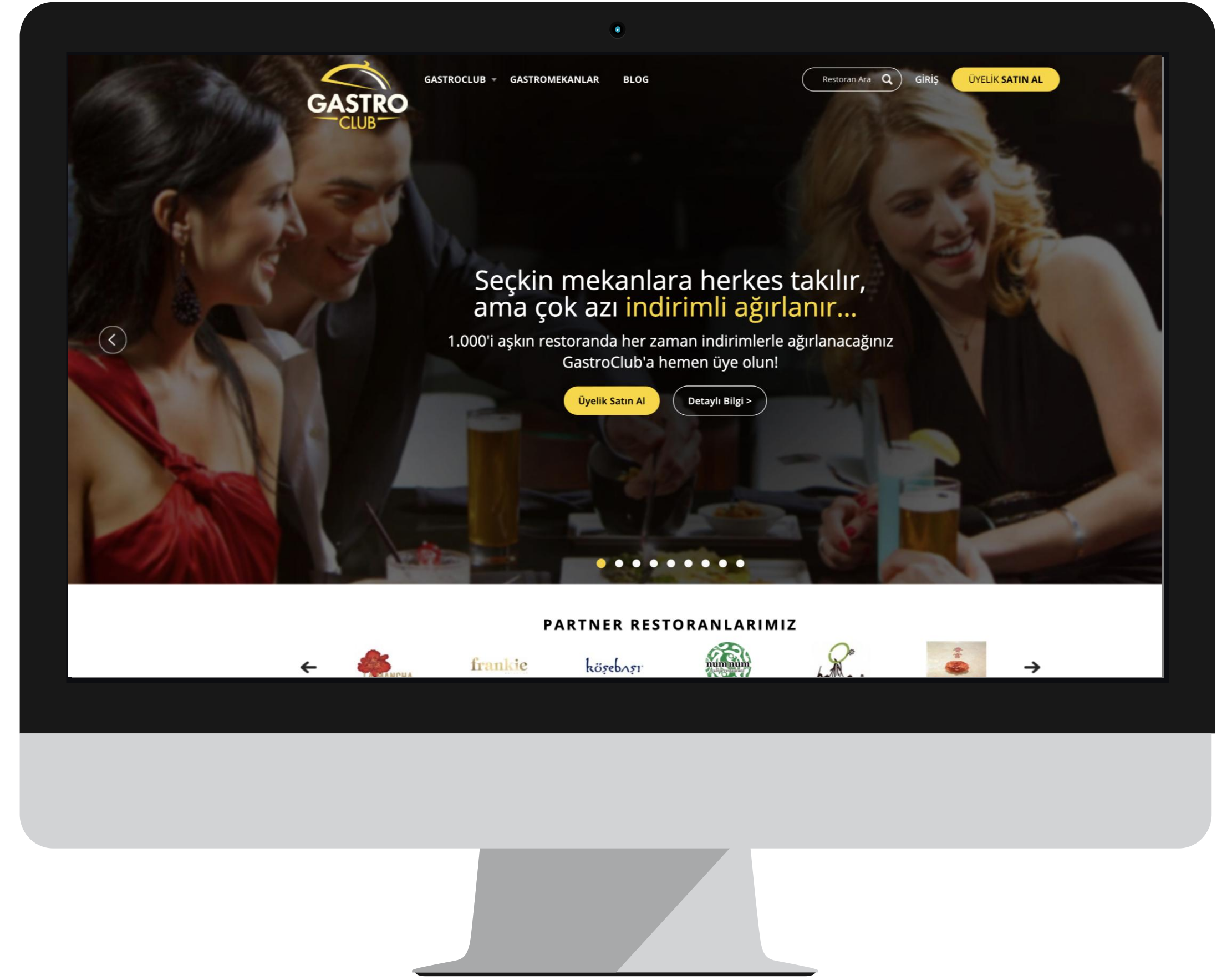
Gastro Club Discount Platform

4A Labs

Web UI/UX Design & Development
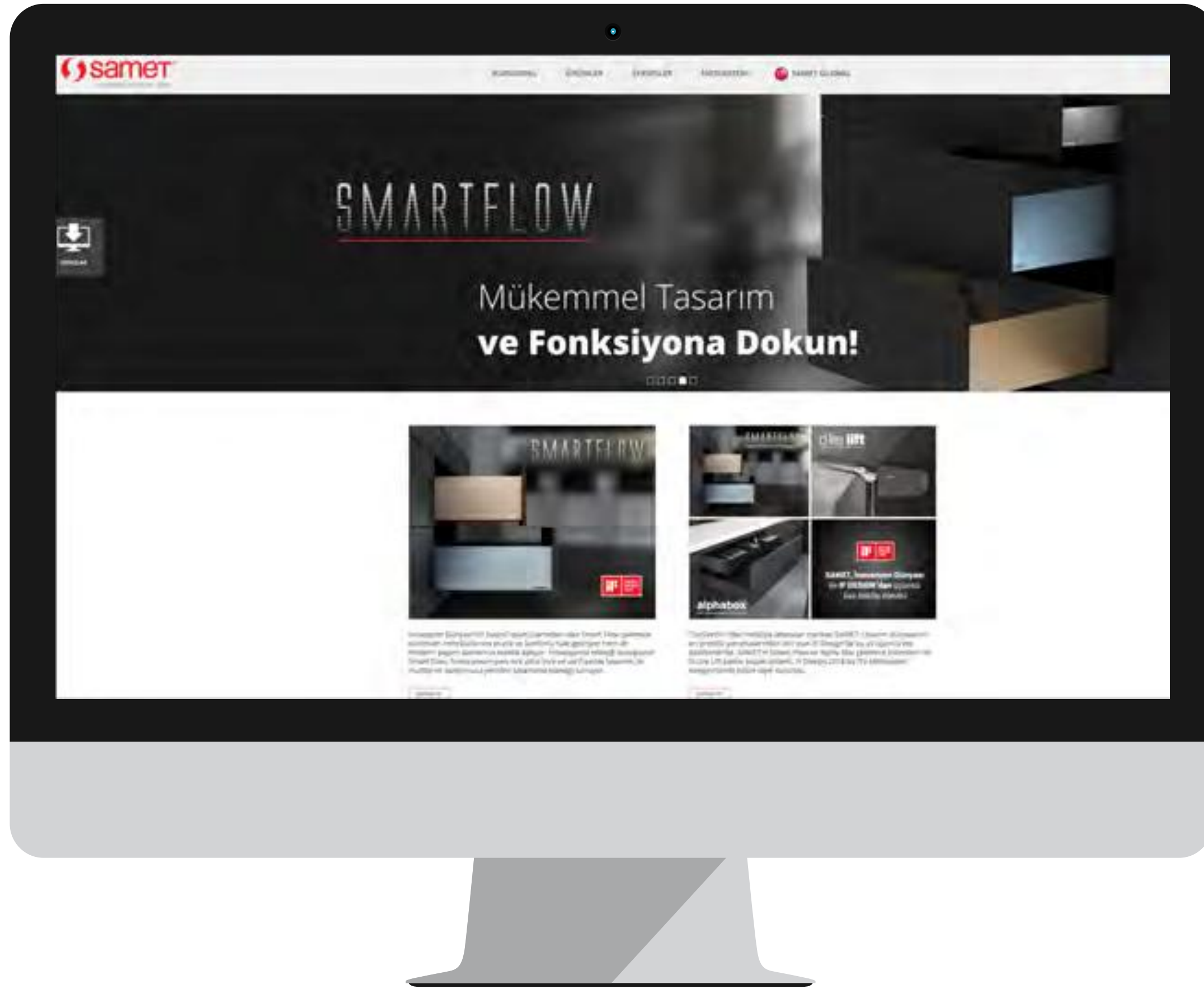
Samet Corporate Website

Samet Event Management Platform

4A Labs

Web UI/UX Design & Development
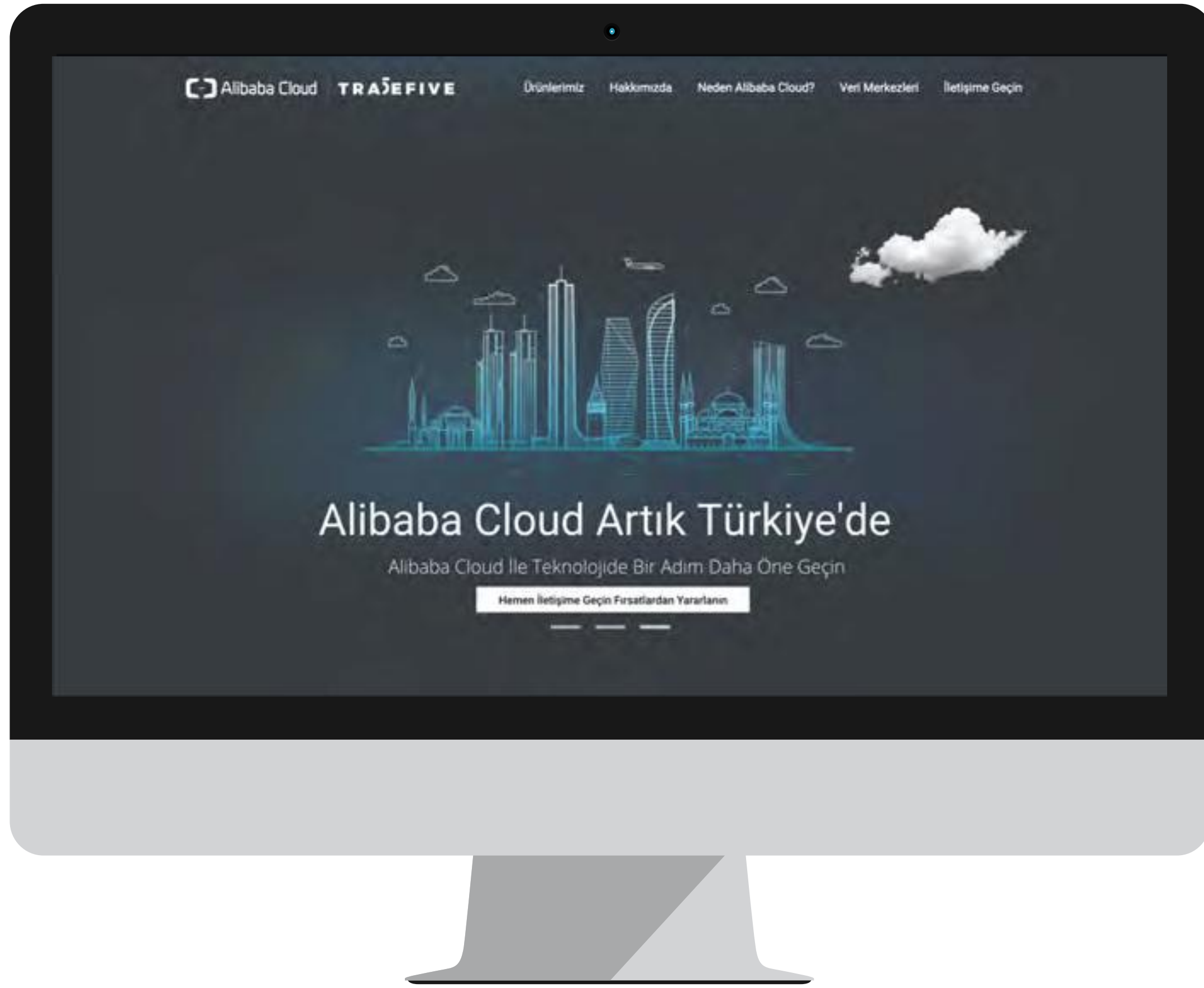
Alibaba Cloud Sales Platform

Teknofix Field Management Platfotm

4A Labs

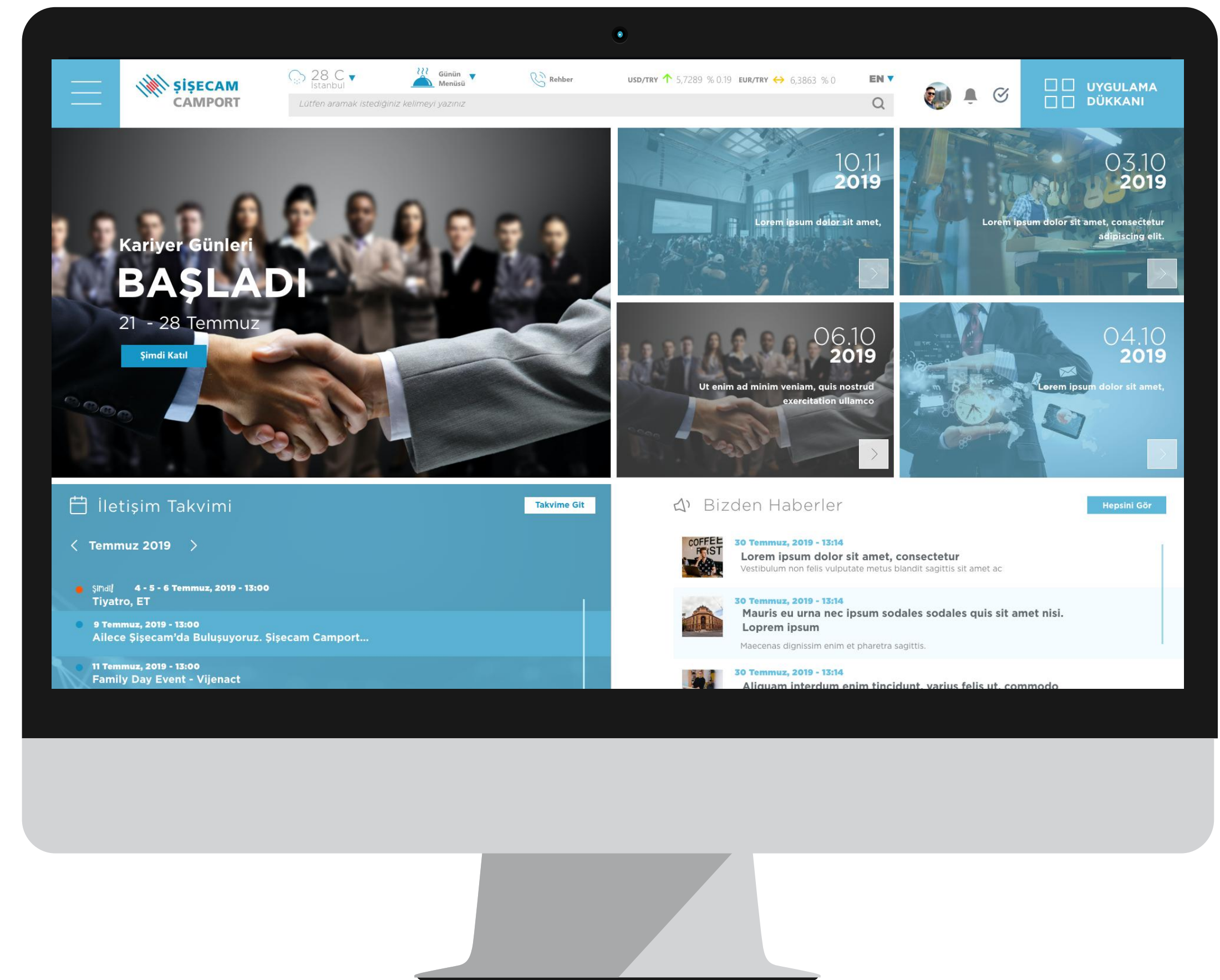# Web UI/UX Design & Development
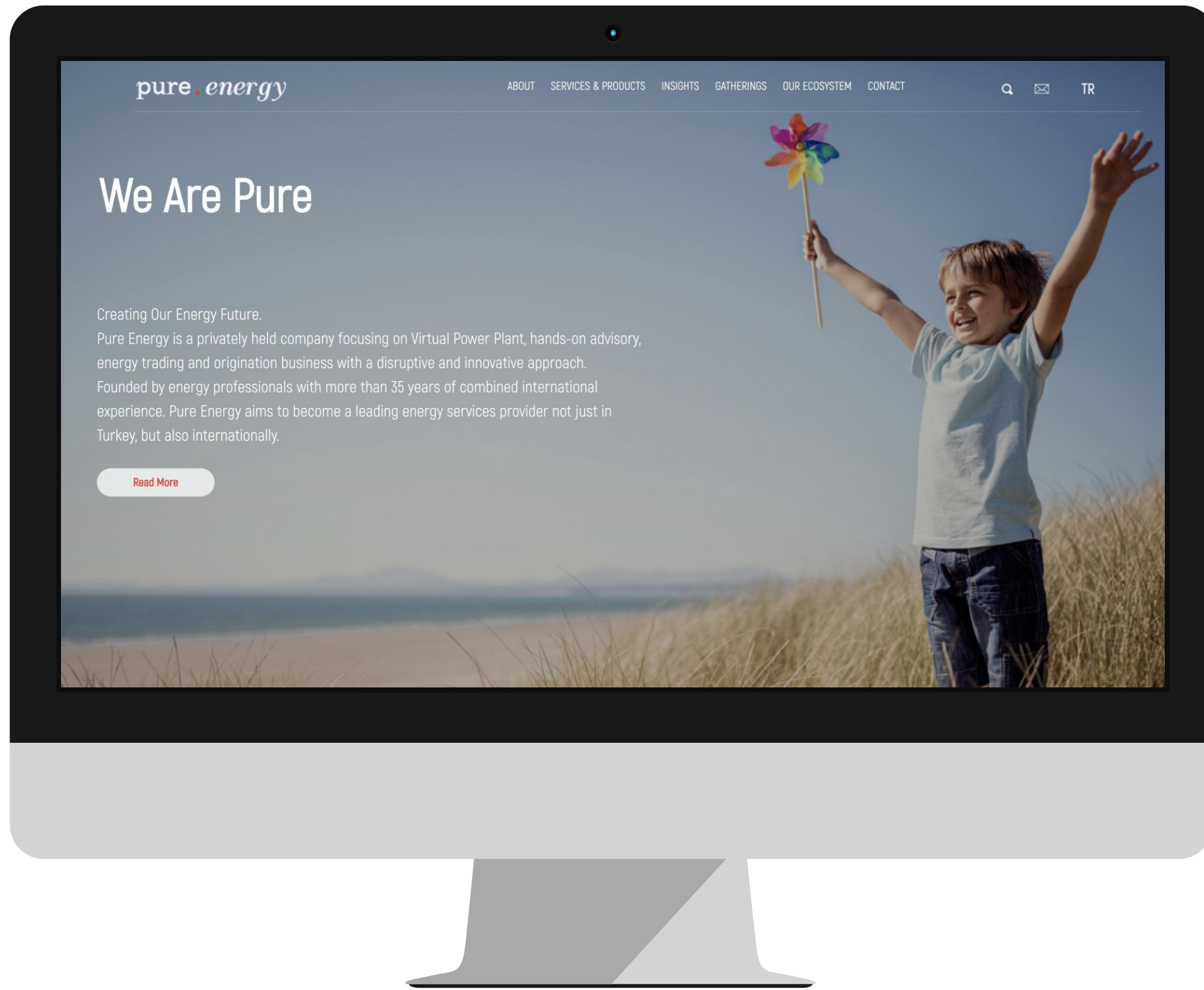
Pure Energy Corporate Website
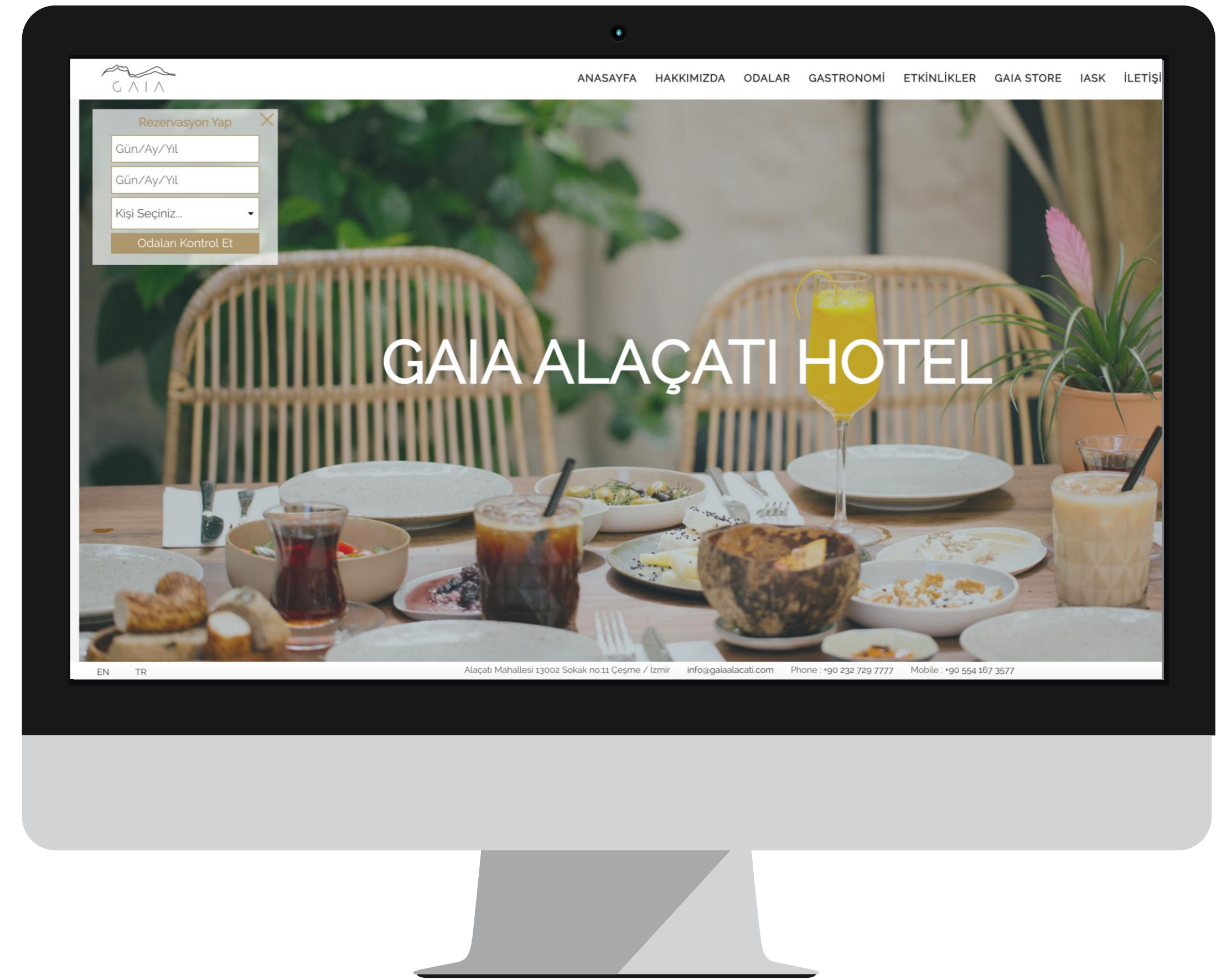
GAIA Hotel Website

4A Labs

B2B Platform
UI/UX Design and Development
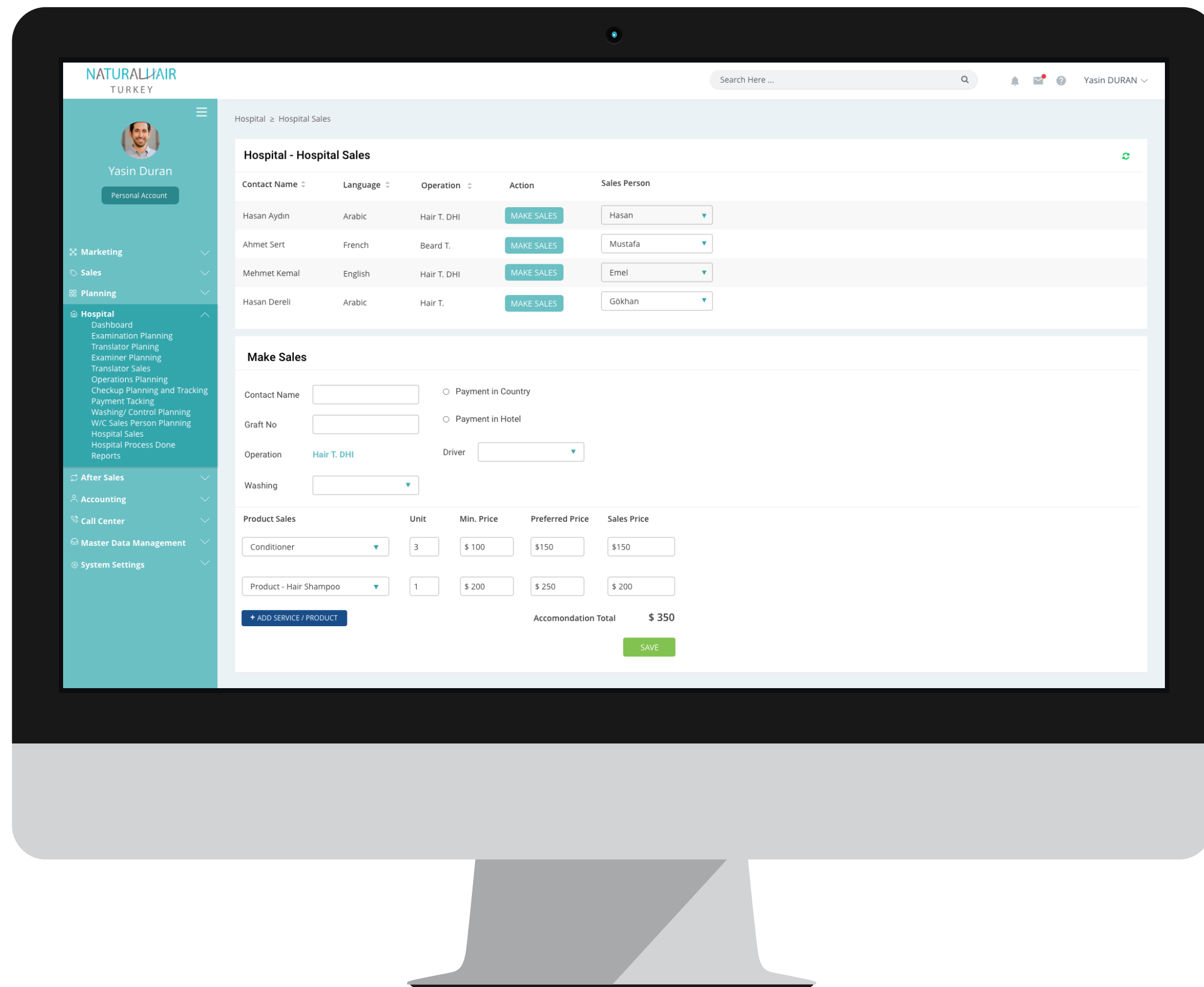
NHT CRM & Clinic Management Platform

Şişecam Sharepoint Platform
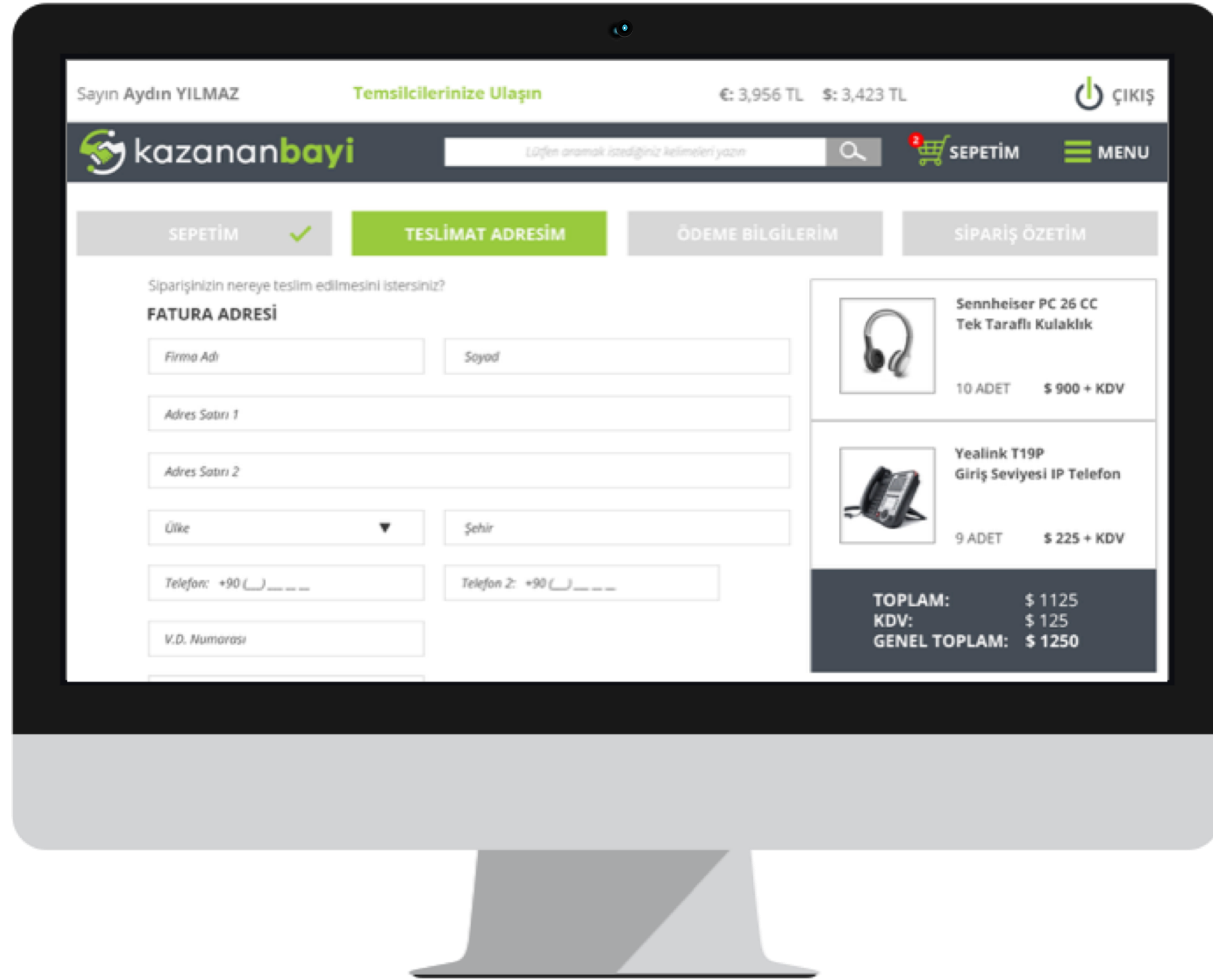
4A Labs

B2B Platform
UI/UX Design and Development
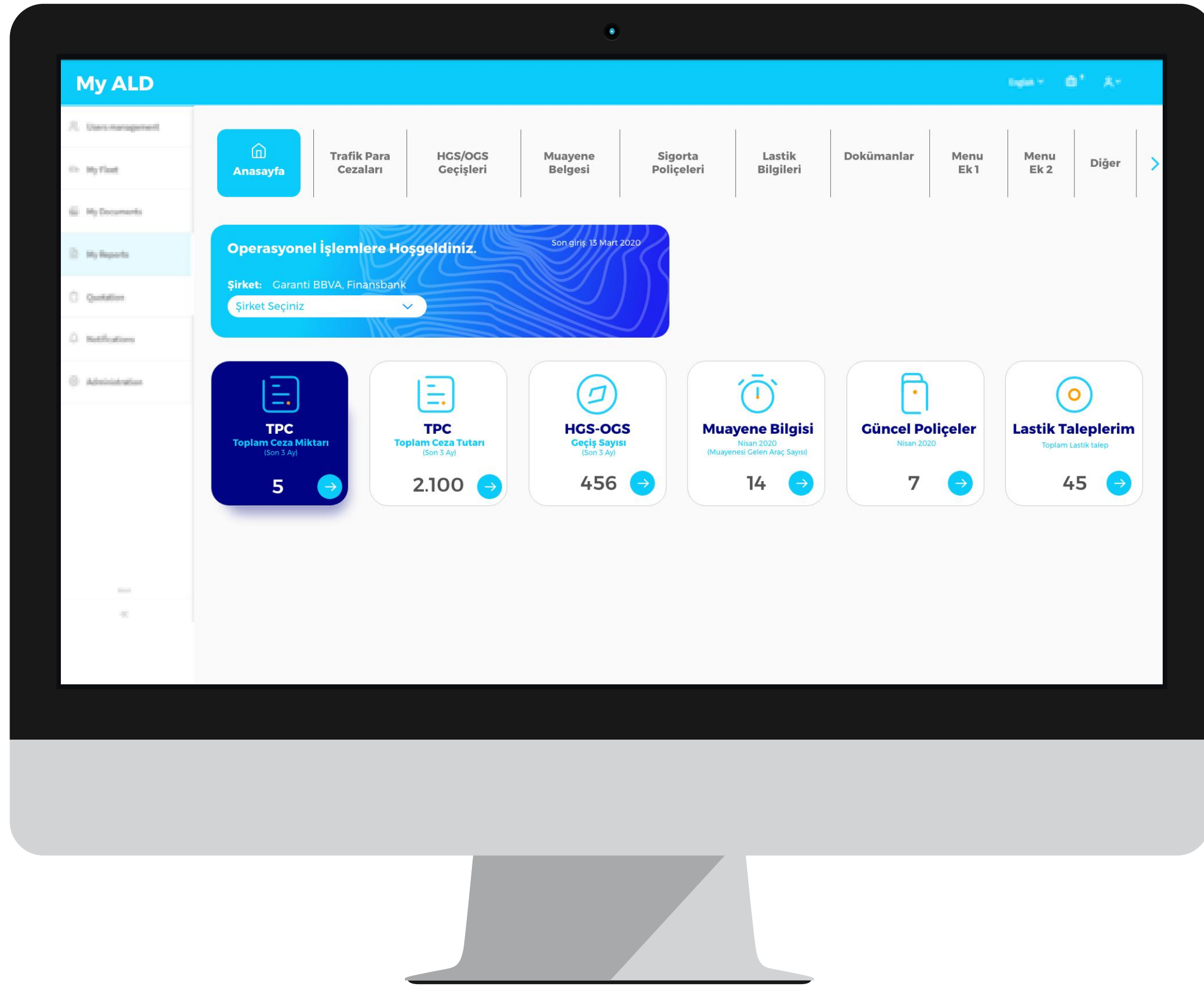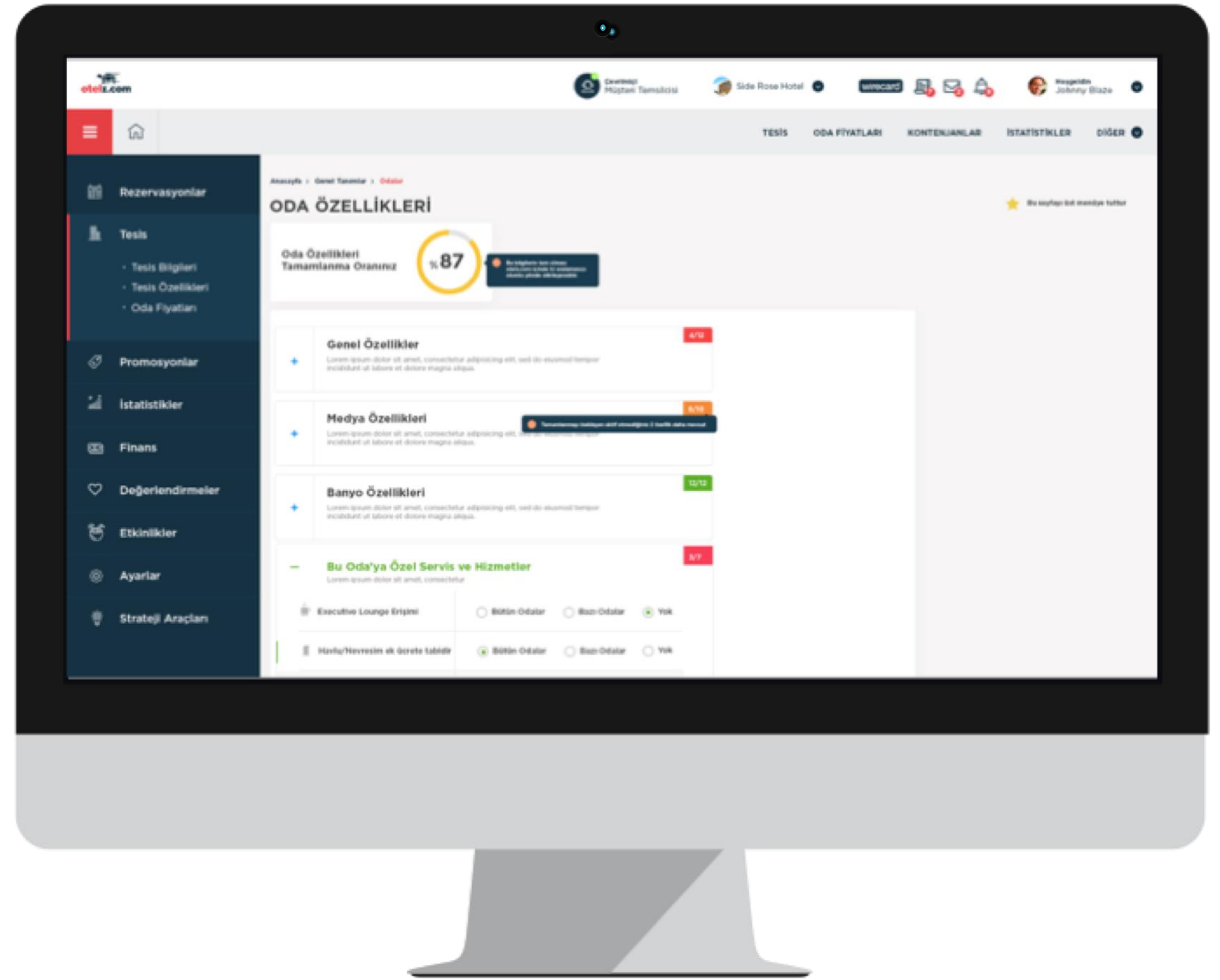

ALD Automative My ALD Management
Platform

Alibaba Turkey CRM+ Platform

4A Labs

B2B Platform
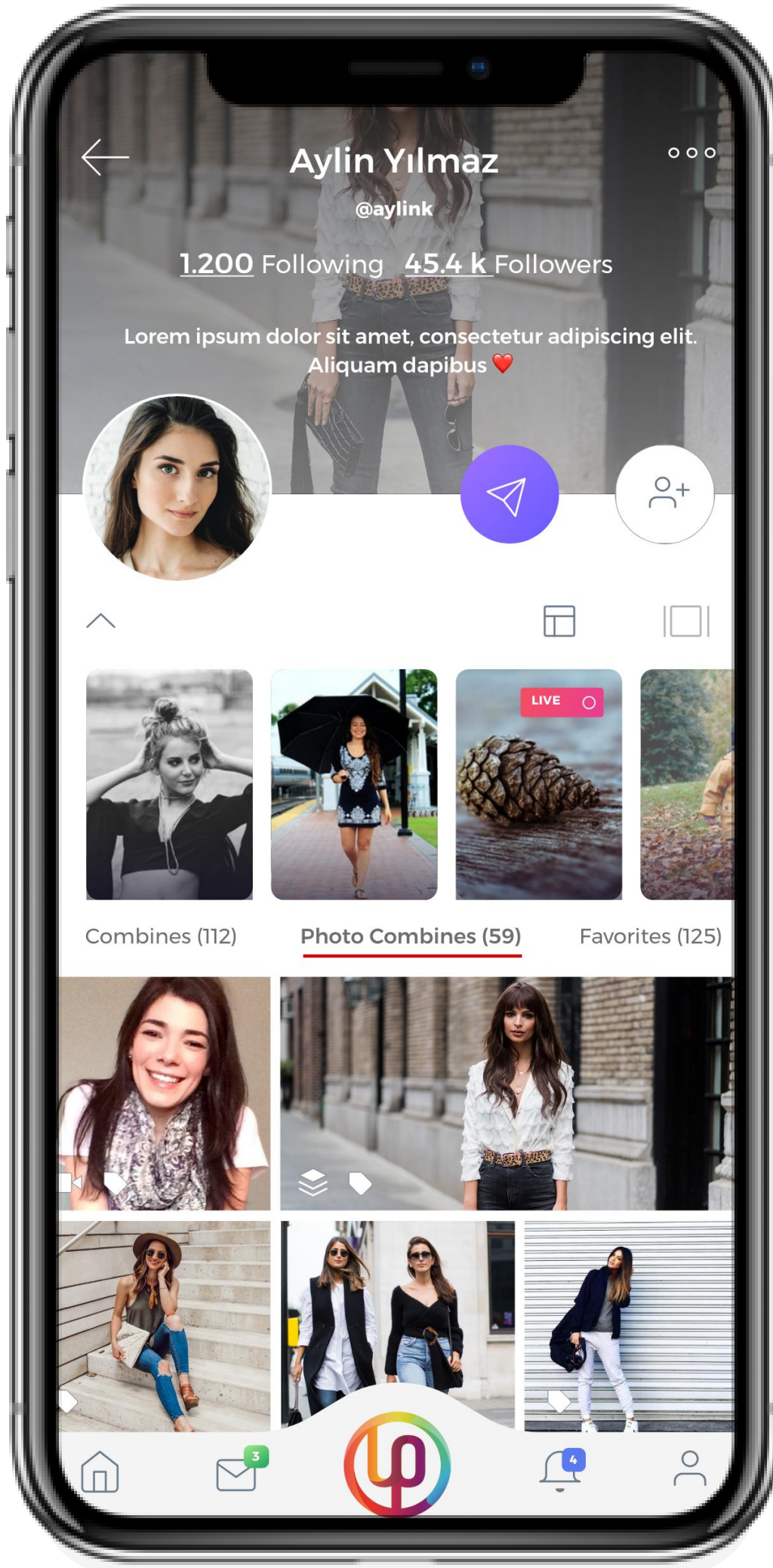# UI/UX Design and Development

kazananbayi DistributerManagement
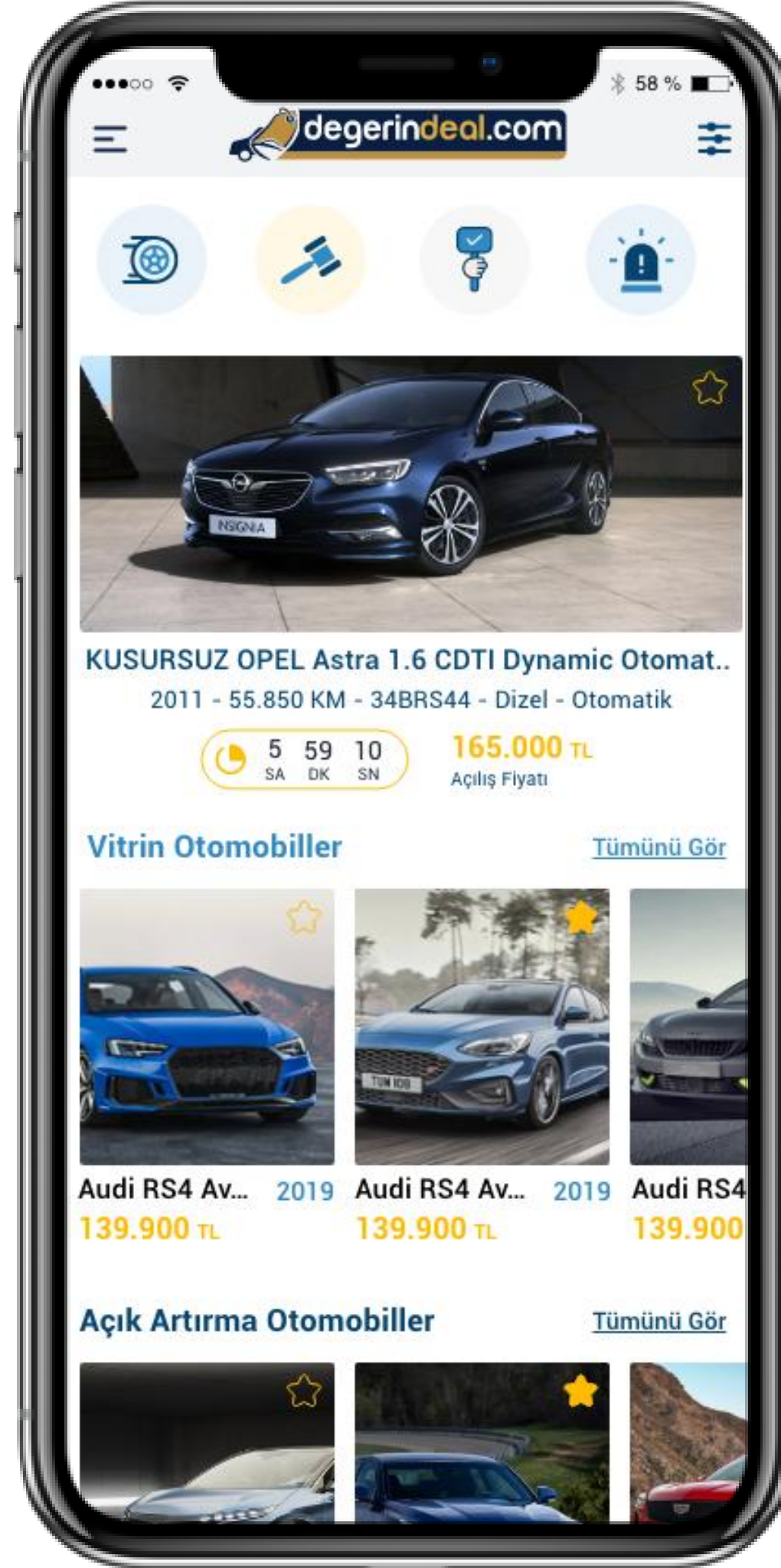Platform

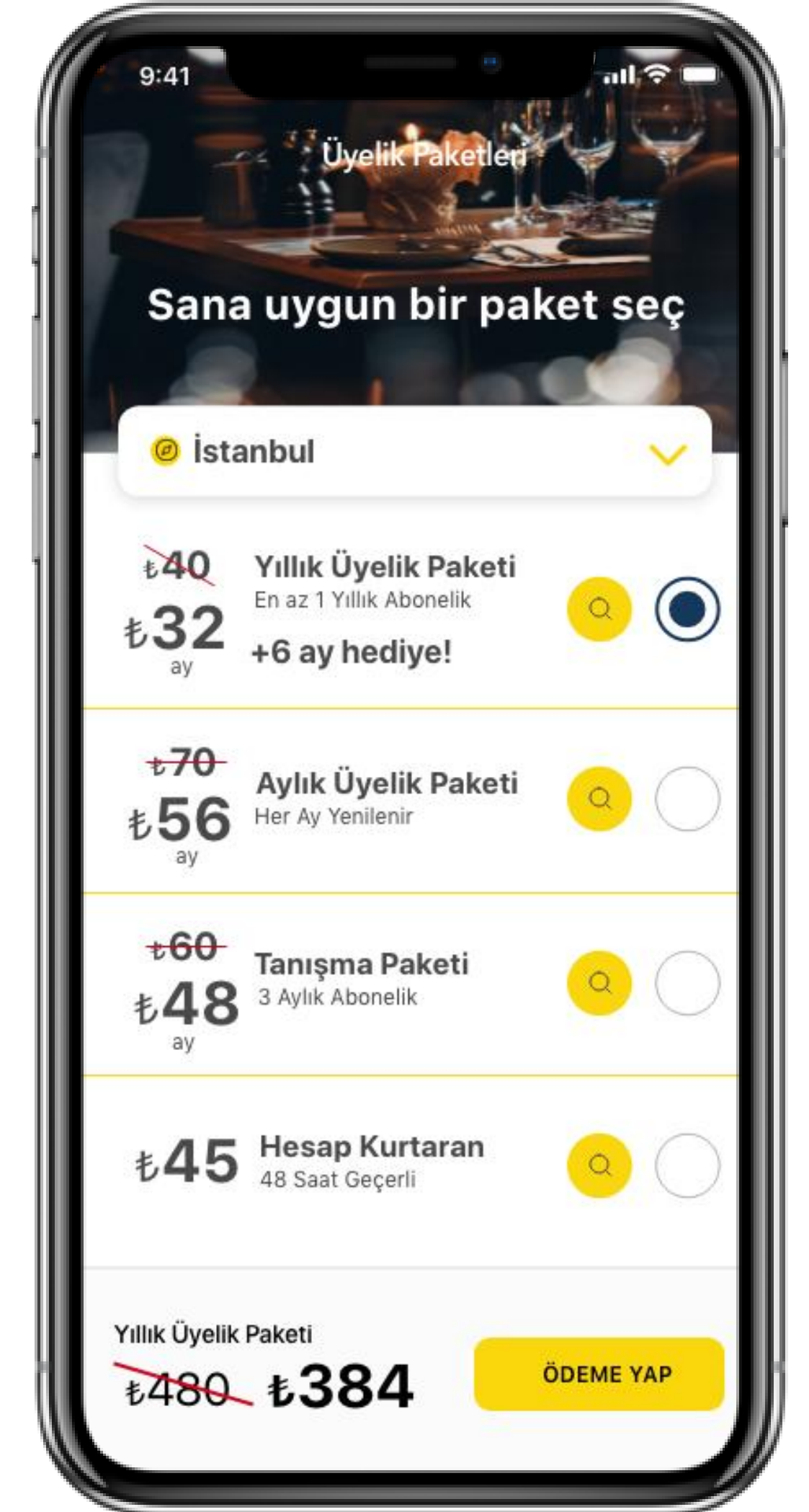Otelz Extranet and Hotel Management
Platform

4A Labs

Mobile App UI/UX Design & Development
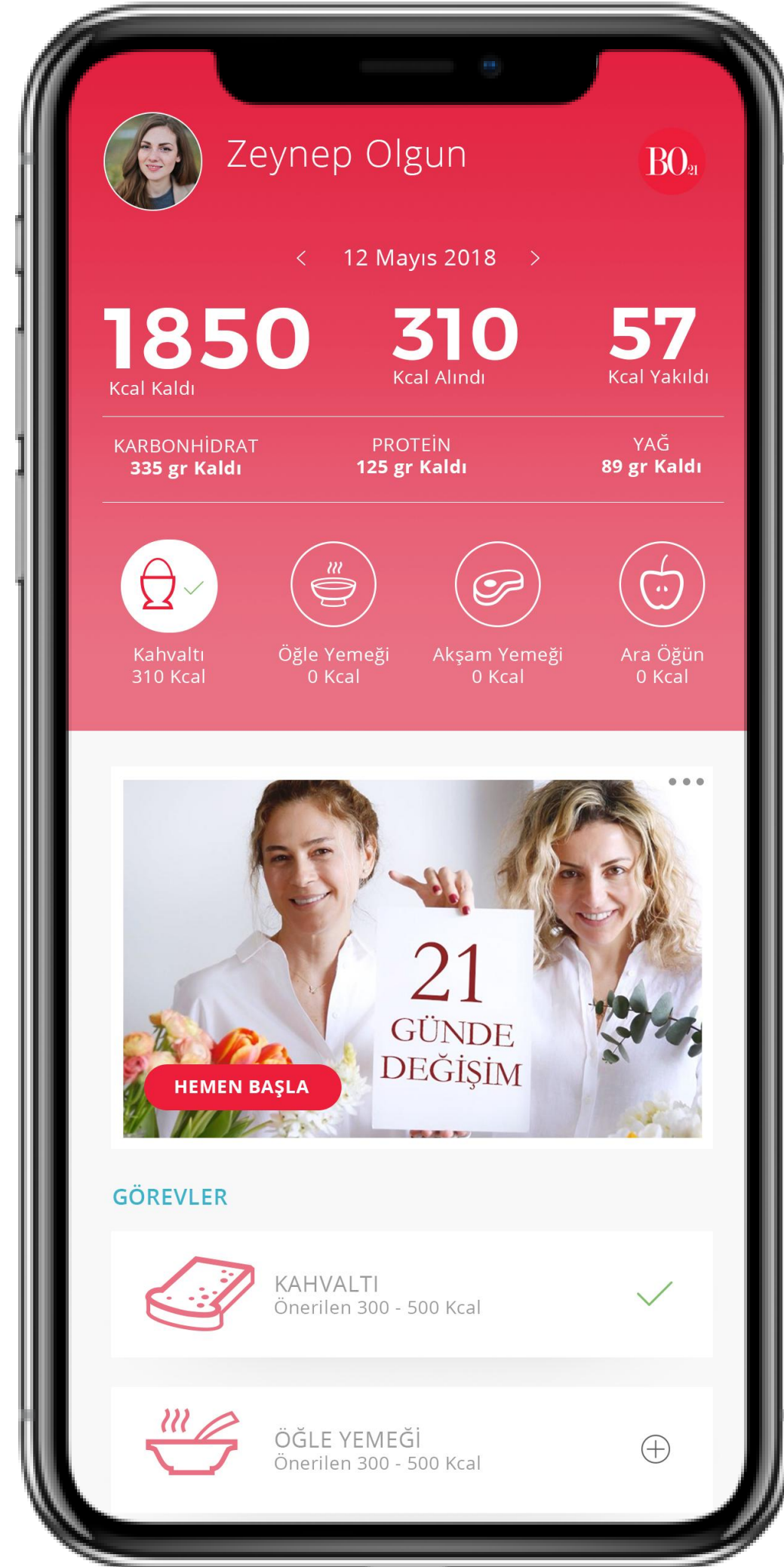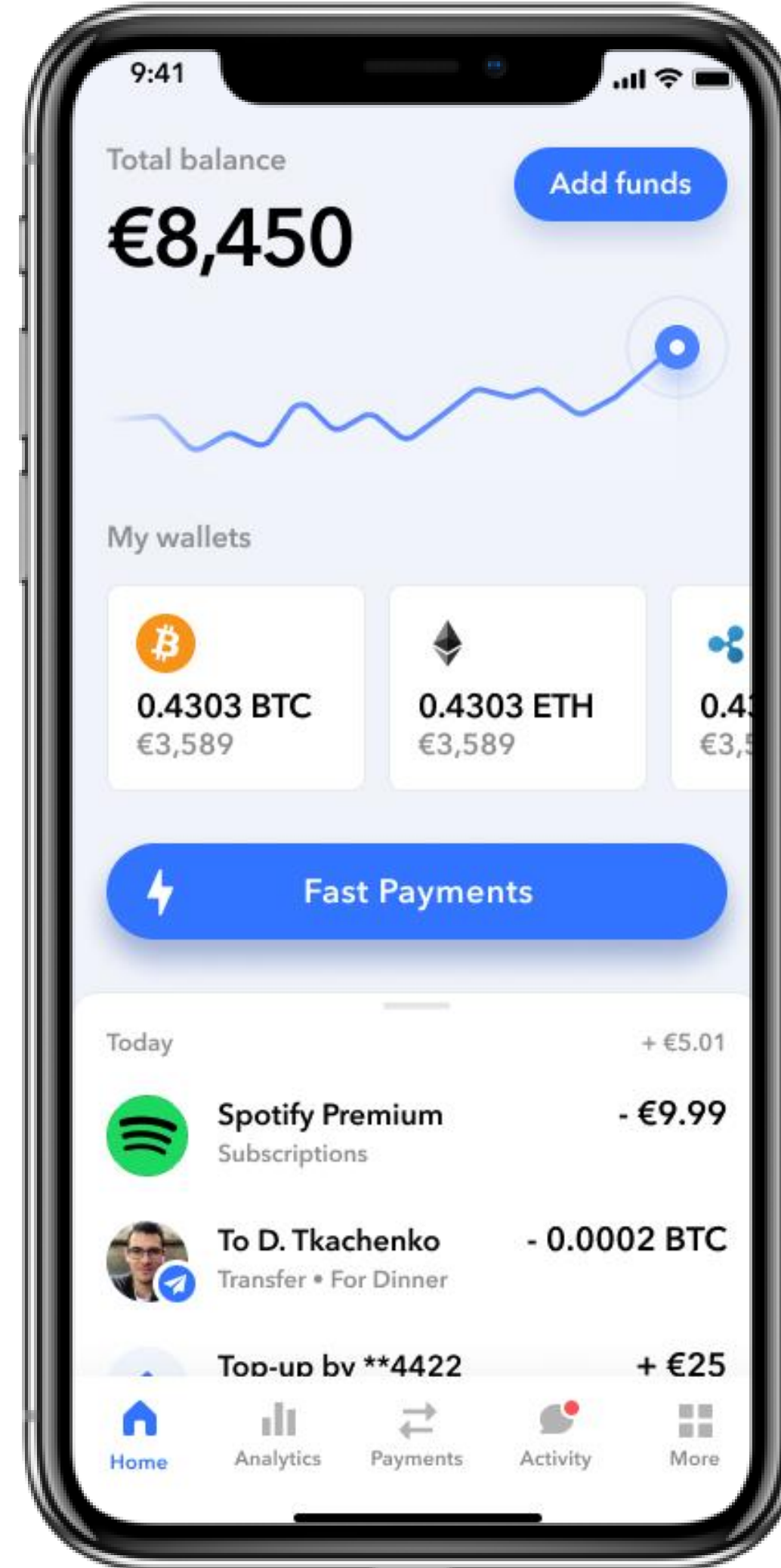

Upudate Social Media App

DegerindeAl Auto Auction App
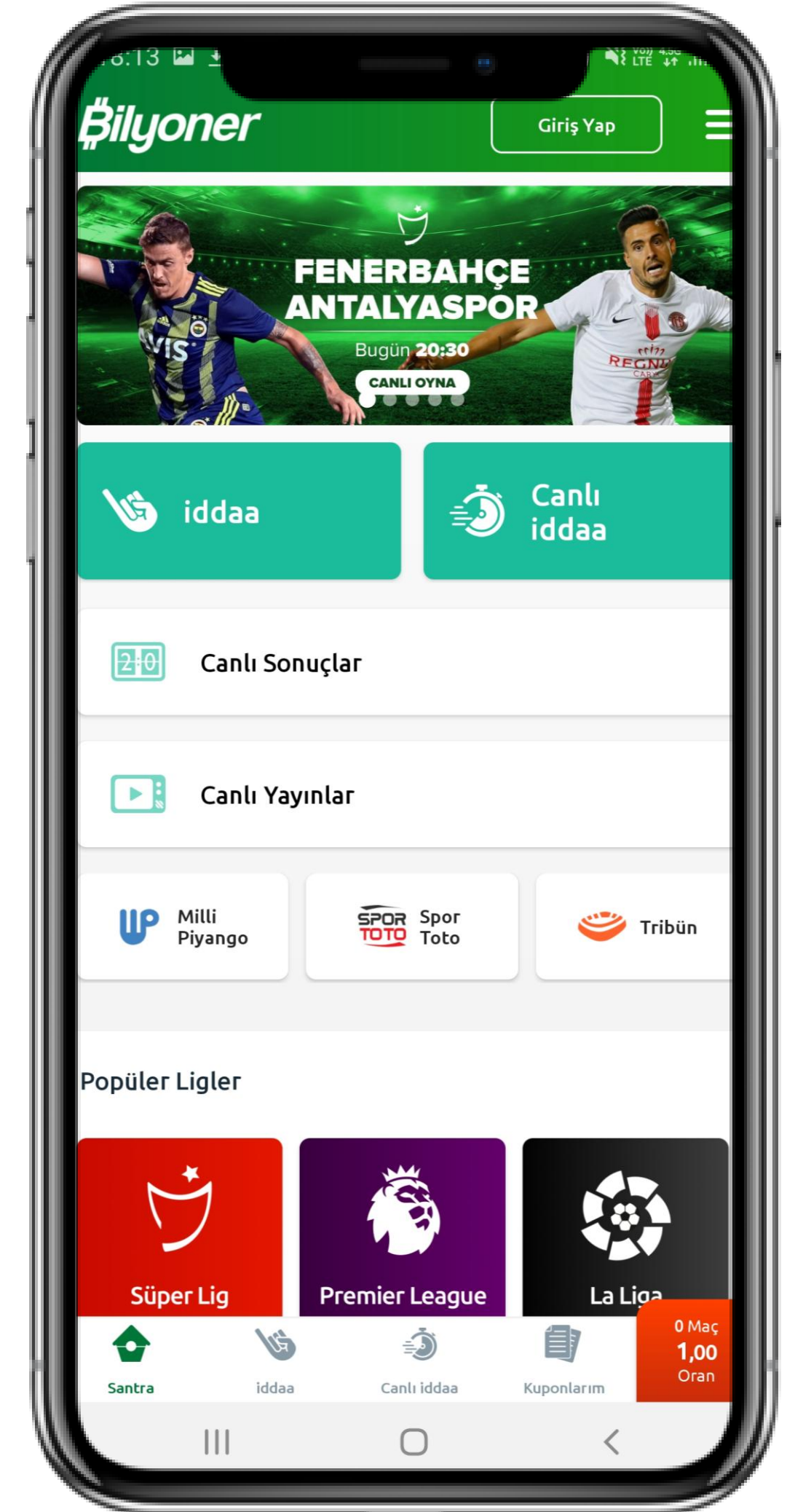
GastroClub Discount App

4A Labs

Mobile App UI/UX Design & Development

Fitness Club or PT
Management App

WAMO FinTech App

Bilyoner Bet App

4A Labs

Our Clients

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Get in Touch With Us

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ANKARA/TURKEY
SANTIAGO/CHILE
LIMA/PERU
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