itera**research**

Custom Digital Solution Development Provider

ABOUT Itera Research

Itera Research is a Custom Digital Solution Development Provider.

We are entrusted by Startups, Corporations listed by Forbes as Top 500 American companies, the Governments of Germany, Canada, USA, and Ukraine.

We have our own Research and Development center with a high experienced team.

Offices in Poland, Ukraine, USA and Germany

15+ years experience

100 + professionals

Enterprise and Government Solutions for Canada, Germany, USA, and Ukraine

200+ complex digital solutions

THEY USE APPS CREATED BY IR

CORINTHIA HOTELS

HARRIS
TECHNOLOGY TO CONNECT, INFORM AND PROTECT

THE RITZ-CARLTON®

BMW

IHG®
InterContinental Hotels Group

AWARDS

AWWWARDS

W3 RECOGNIZING THE POWER OF WEB CREATIVITY

CREATIVITY INTERNATIONAL AWARDS

DA District Administration 2014 TOP 100 PRODUCTS

CERTIFICATES OF OUR TEAM

Microsoft CERTIFIED Professional

redhat CERTIFIED ENGINEER

IPMA Ukrainian Project Management Association

Microsoft CERTIFIED Solutions Expert

Recent Business Cases

Digital Set Of Tools For Schools

SaaS platform for Harris Education Solution Enterprise, Fortune 500 Company. This is a suite of online teaching software tools. It comprises 7 products to help educators teach more effectively and students get the support they need to succeed. It's used in more than 4 States including New York where more than 50% of schools use it. K12 Teachers' Choice for 2013, 2014, and 2015. It serves 900K+ users.

The project has been started and implemented more than 10 years ago. Support and development have been ongoing.

Smart City Infrastructure Management

A solution of hardware and software for public utilities that automates and optimizes the workflow. It helps to control and improve the quality of their work. The solution includes:

- Smart remote control and management of equipment and sensors.
- A facility management system that controls and analysis of the field workers' operation.

Development has been started in 2017. Since then the project is supported by the Itera team.

The solution is already implemented for local Government of Top Ukrainian Cities: Kharkiv, Lviv, Dnepr and Zaporozhye.

Funds And Budget Control System
for German Government Authorities

A complex solution which is intended for accounting, budget distribution and performance monitoring of social initiatives in schools.

It allows to gather a detailed statistics by schools and analyze effectiveness of each project.

Example: You have a green energy fund, you want to be sure that funds are spent effectively, you can control how well funds are spend

- Active usage since 2018
- Several versions deployed
- A long-term support contract with the State signed
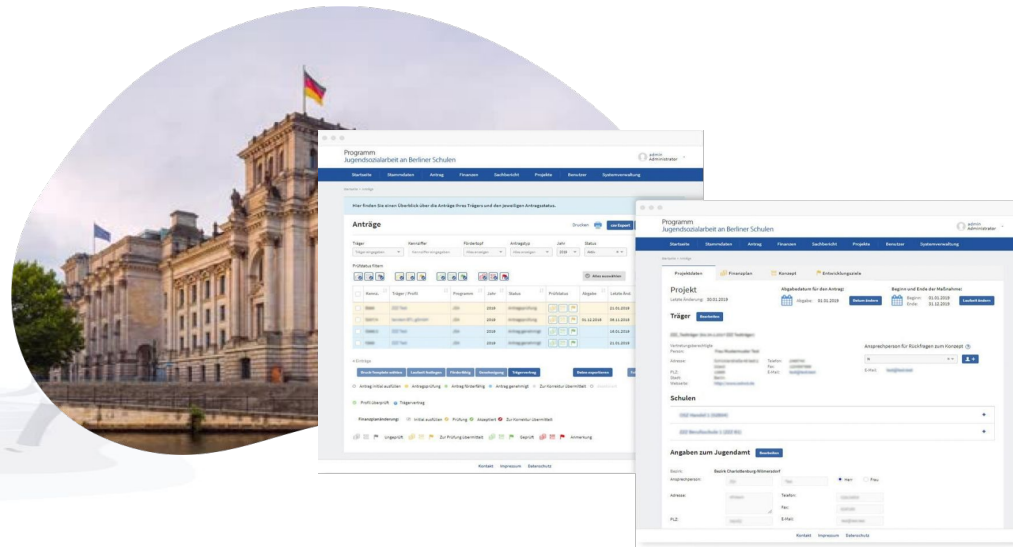
Advanced ERP for Metal Manufacture

The ERP system is for the company from Chicago which manufacture metal parts for telecommunication, medical, military and electronic industries.

The ERP consists of the following modules:

- Job Scheduling - management of the manufacturing processes starting from getting from a customer a purchase order;
- Quotation module for processing of the RFQ;
- Reporting module
- Employee management module;
- Time and shifts tracking module.

The development has been started from scratch in 2019. The first version was implemented in 2020.

Digital Transformation
of a State company in Canada

The project is related to the digital transformation of the processes for a State owned company.

The goal was digitizing all processes of gathering and approving applications from students, commercial organisations.

Legacy digital solutions, various databases were transformed and integrated into the one digital ecosystem, one platform.

Development has been started in 2021.

HR Tech. Workforce Management Platform

Workforce data management platform - intranet application for managing employees data: terms of employment, position, skills, responsibility. The app enables to record also events connected to an employee - promotion, salary raise, complains, warnings, etc.

Functionality covers evaluation of the performance of an employee, reporting, fill a contract compatible with online digital signing.

Data communication is ensured between several separate platforms
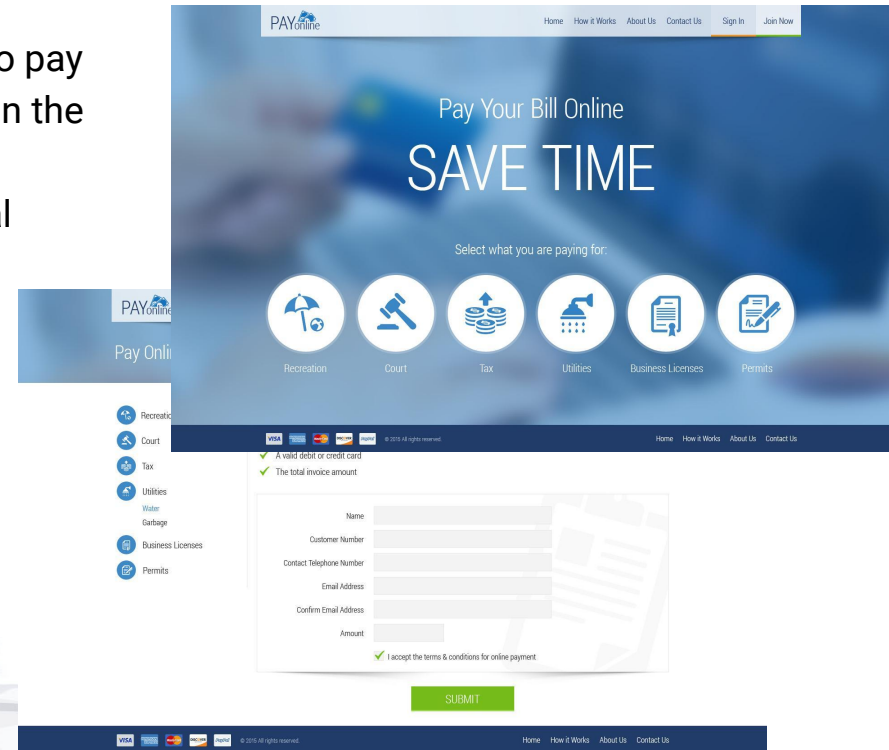
The solution has been created for Denmark Large Clothing-retail company
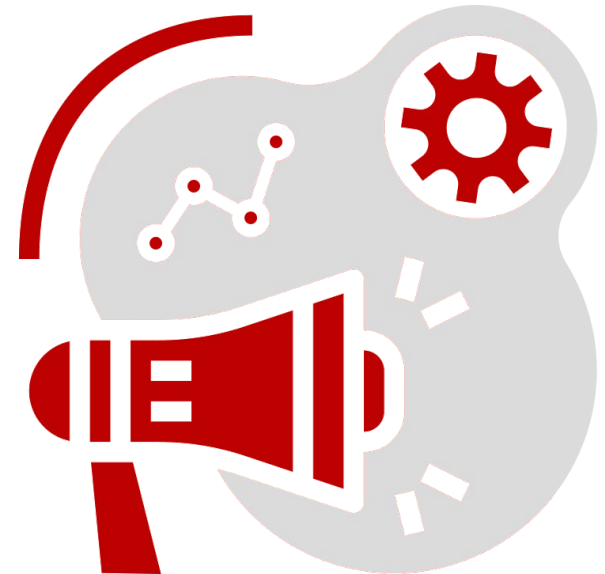
Payment Terminal

PayOnline is An electronic payment system to pay for penalties, taxes, public utilities etc. Used in the USA. This system provides online tracking of payments, performs notifications and internal control using an identificator.

The core attention has been paid to the data safety in order to provide safety of the system. The system transfers money directly onto the aimed account. Users can pay with various credit cards or cash in a terminal.

CRM and ERP system

Itera Research has really worth attention experience developing bespoke .Net based ERP and CRM solutions that entail wide range of functional modules: calendar, reports, task management system, billing, client managements, licensing, order processing, warehouse management, resource planning, etc.

With the client we've been working for 13 years developing and maintaining his white label complex CRM system for Australian market.
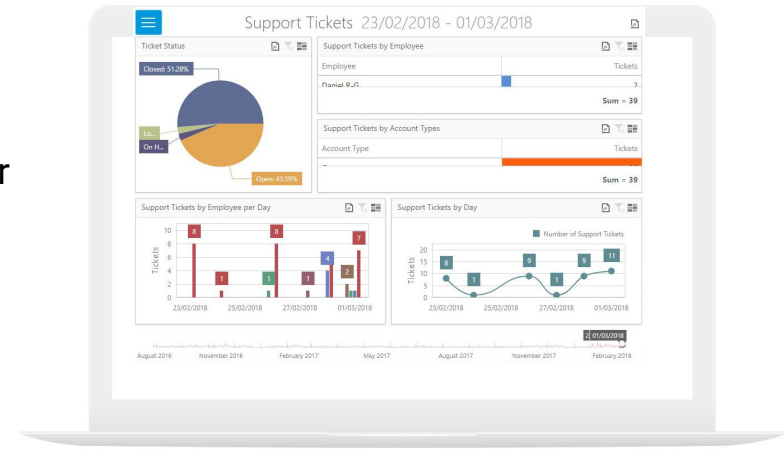
IoT. Micro Mobility. Rent scooters

Mobile app for bike and scooters renting service that provides citizens with the following features:

- Find renting stations on the map;
- Check availability of bikes;
- Rent and drop off bikes;
- Pay for the service, etc.

The solution has been created in 2020 from scratch.
The implementation and deploy in Ukraine and Spain postponed due to the COVID19.

Platform for International Students

MyGermanUniversity.com is Germany's largest database for English-language Masters programs.

It is a web-based multi-language application that helps international students to come to Germany and pursue an academic degree, provides guidelines from finding the right study program, through the application process until arriving in Germany by:
- eligibility check,
- matching tool to find the perfect university,
- counselling sessions.

Development has been started in 2018. Since then the project is supported by the Itera team.
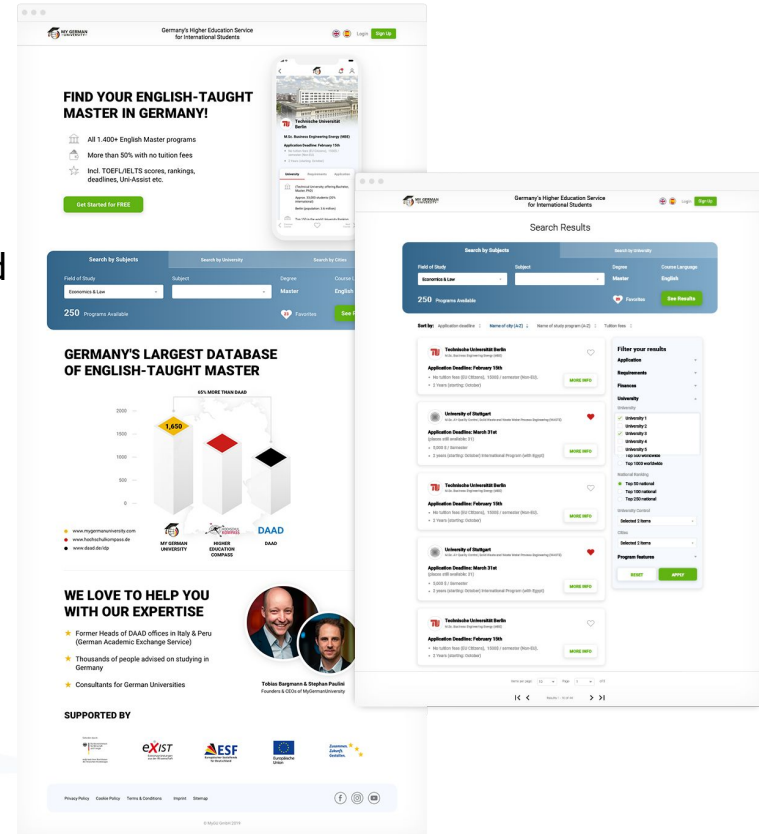
Internal Automotive. Car-sharing Service

System for internal use for a car rental business.

It tracks the life cycle and operations of each car owned by the company. From the moment of its purchase through all transactions and expenses associated with the lease until the sale.
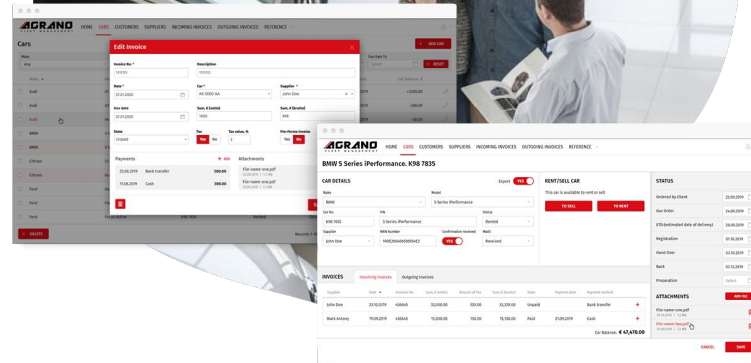
Listing. Classified. Ad Platform

A dedicated classifieds and business listing (advertising) platform for individuals and businesses located in South Florida (Miami-Dade and Broward Counties). Adapted to various languages.
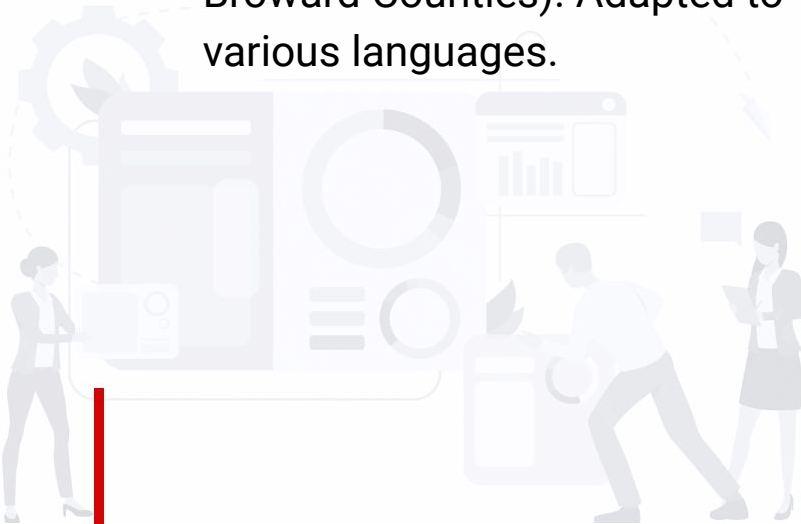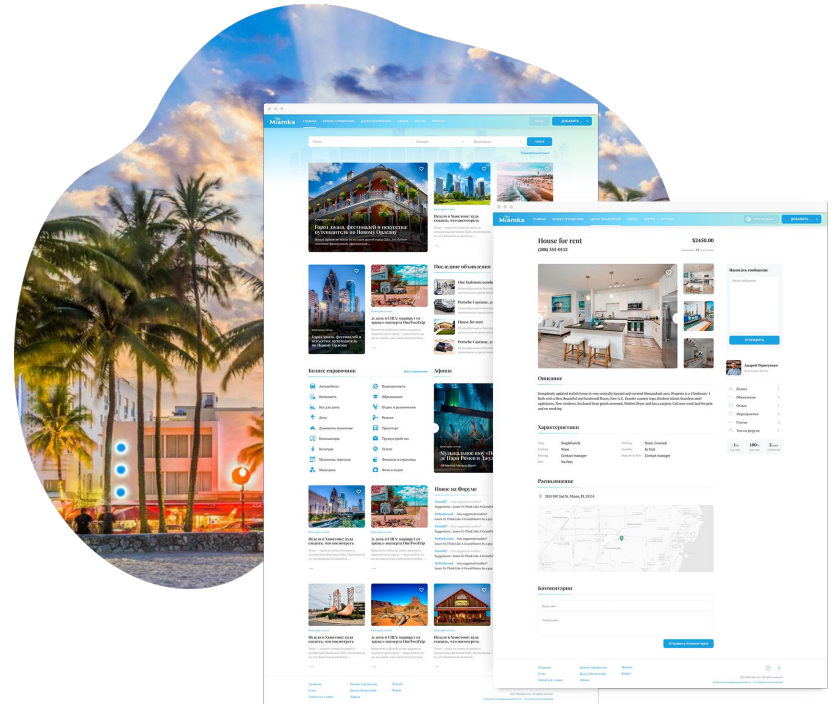
Self Service Portal (SSP) for Partners.

This project is the leading contextual location data platform, who built the Real World Graph® to understand how people and places are connected.

The SSP is created to automate and ease sign up process and verification, to enable reporting and revenue tracking for developers and app companies who use it to monetize their apps.
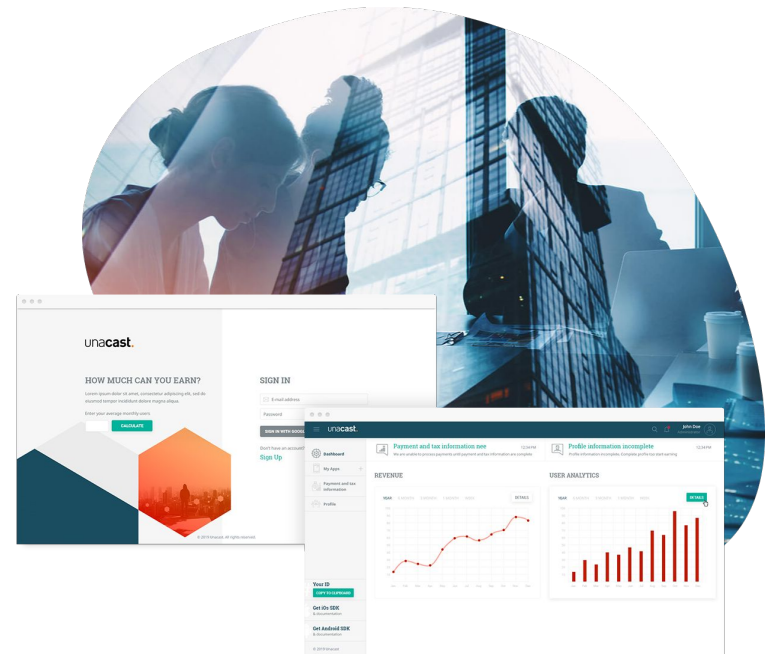
BigShooter - SportTech. Mobile App

This is an eSport project. Mobile application to allow golf players to play golf with anyone in the world, anytime, anywhere.

The player can play on his own schedule on its own course, compete against friends and strangers across the world on an even footing using Big Shooter's adjustment algorithms. Can get notified when friends are Going Live and follow rounds and league results in real-time, just like fantasy sports.
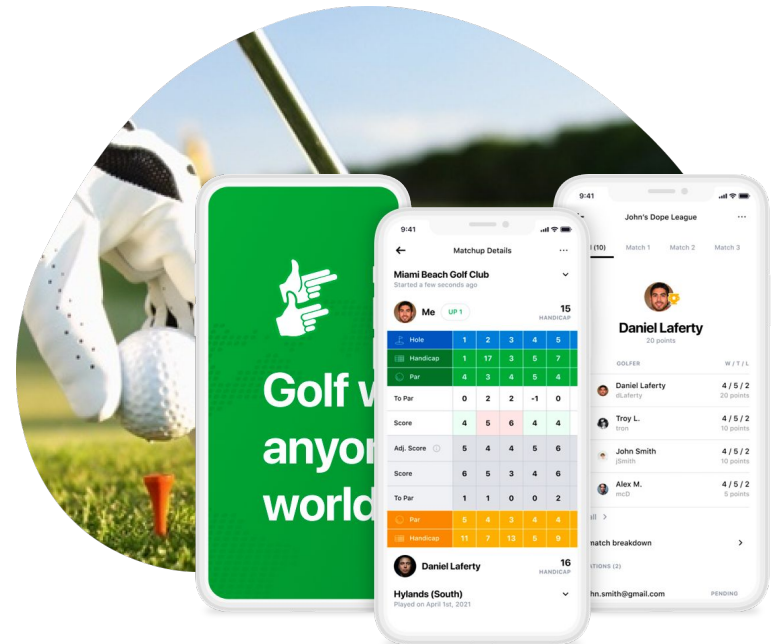
IoT. Smart Aroma Diffuser

A mobile and a web applications for residential and enterprise customers. Apps connects to a Wi-Fi/4G-enabled aroma diffuser.

Features: smart diffuser, device identification via QR code.

Features for users:
- Change remotely settings of devices,
- Manage working programs,
- Turn on/turn off,
- Check the devices' parameters like the oil level, a type of connection, etc.
- Communicate with support, etc.
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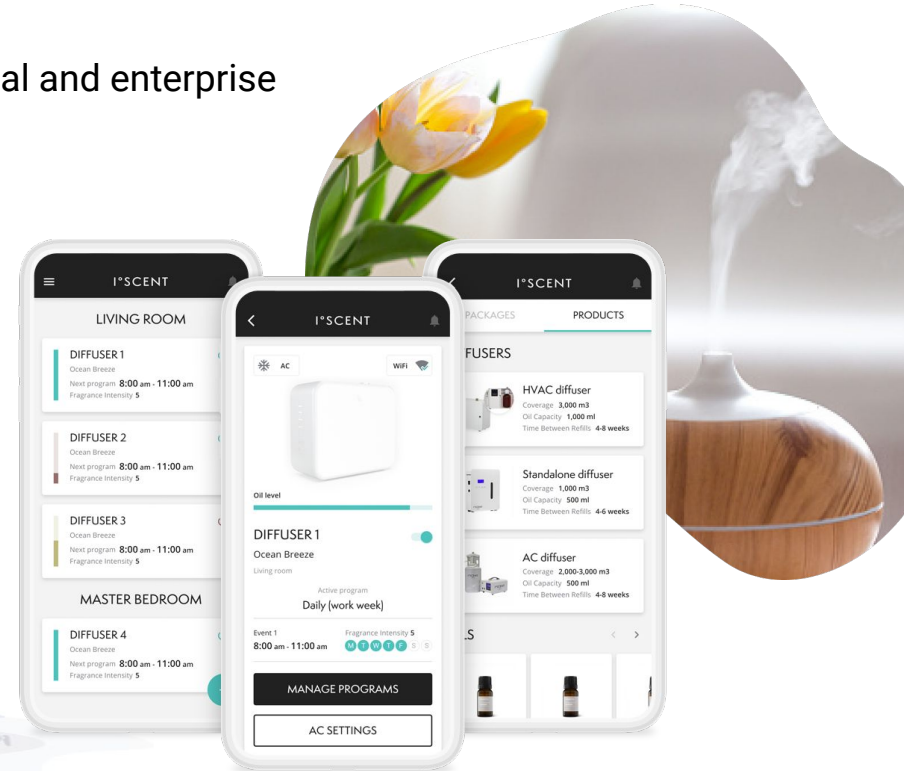
IoT. Security. Safety. Dispatching System

Dispatching system for a private security company to ensure effective monitoring and rapid response on unauthorized access or entry to the immovable assets.

The web application receives and interprets signals coming from sensors installed in the secured properties. A dispatcher processes the alarm and sends a response group to the location as well as a notification to the property owner. Administrators can manage information about secured assets, clients, response groups, analyze data and generate reports via a dashboard.

3D Real Estate Visualization Platform

Is based on shooting of objects by the Matterport service and our own 3D-modelling. As a result, object (house or apartment) is seen "before" and "after" the renovation in a 3D-tour and is ready to be placed on a RE website.

in other words
It is a service to order creation of a 'knockout' real estate listing by virtual renovation of a property. It delivers ultra-realistic images, 3D virtual tours and detailed floor plans to be used on the MLS.
Data from the Matterport or iGuide scan is used to build a 3D model of a property for Virtual Remodeling.
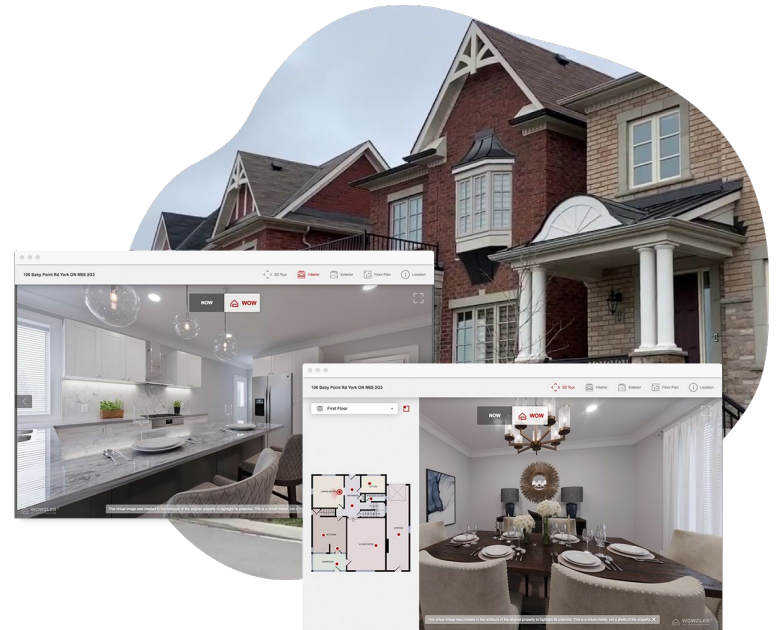
Matching website. Marketplace

Elvia is a mobile application for Artists and Venues. This is a sort of matching platform.

Artists have their profiles (all information about their music, examples, when they can play, etc.). Venues have their profiles and can search for artists and book them.
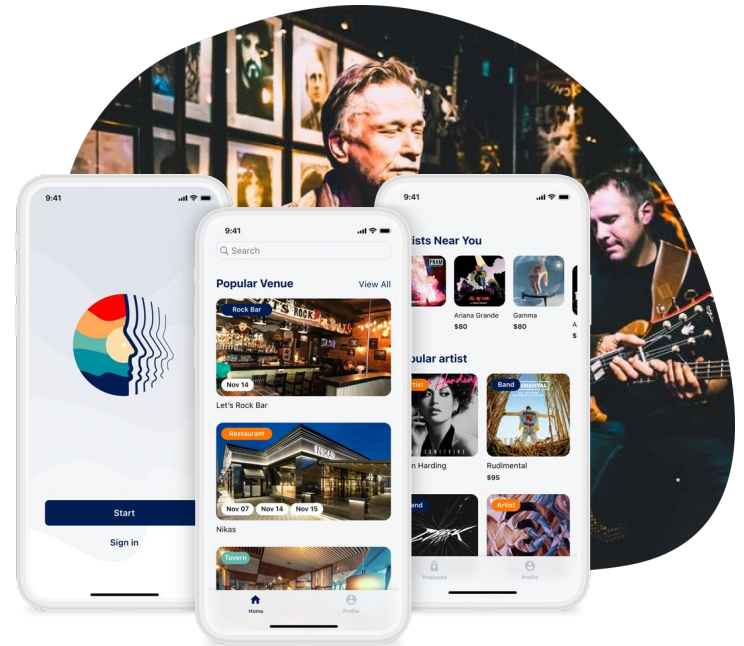
Corporate Education. Hotel Knowledge Model

An internal product for a large hotel business Windham. Hotel Knowledge Model, which contains ready-made content and ready-made processes that can be applied and developed where they do not exist or are not developed. A tool for onboarding, training, communication, and certification of the hotel staff.
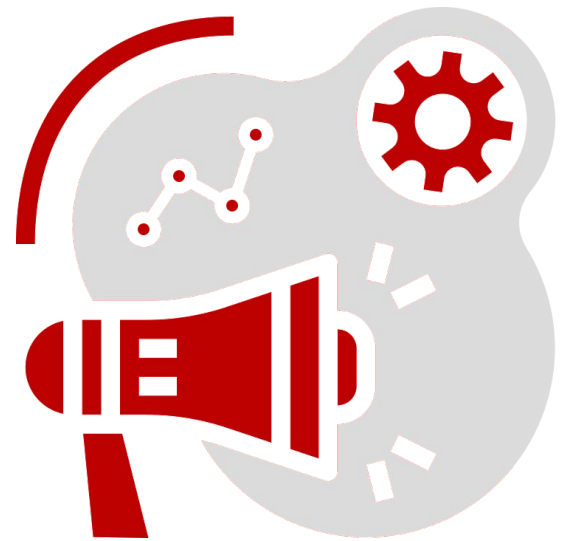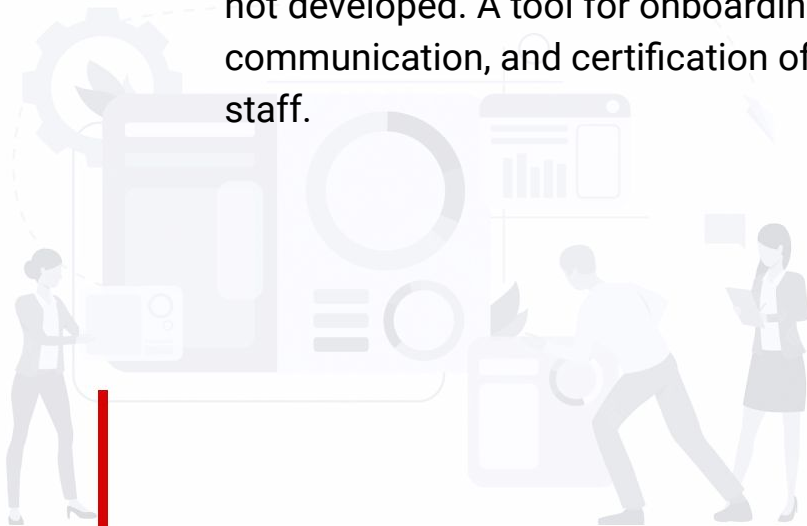
IoT Solution. Rehabilitation Mobile app.

The idea of the application is to make it possible to carry out rehabilitation of a person after an injury remotely.

Easy-to-use exercise prescription solution allows to create stunning exercise plans for patients quickly.

The application connects via Bluetooth with pants and a jacket.

Clothing sends data to the smartphone. Based on this data, a 3D model of a person is built using Unity. The doctor set up a training schedule and selects the movements necessary for rehabilitation. The application displays the movements of a person in real-time and compares them with the correct ones, which allows you to correct the necessary inclination, angle of rotation, and other nuances of the exercises.