

partener de drum

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Viniete HU

Tu toate figurile de vinieta necesare atunci cand calatoresti in sau prin Ungaria.

VEZI PRODUS



Cartele Prepaid

Achizitioneaza cartele de telefon Prepay de la marii operatori de telefonie din Romania.

VEZI PRODUS

Parcare HU

Asigurari auto

IN CURAND

Viniete RO

IN CURAND

ArtSoft

— consult —

The Art of Software Development

A Car Services Solution Website

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GDPR

CONTACT

Deschis: 08:00 - 16:00
Fax:
Telefon:
Email:
Adresa:

Key Information



Industry:

Commerce & Marketing



Project duration:

6 months



Team Size:

4 specialists



Technologies:

- Java, Spring Boot
- Hibernate
- Angular
- Amazon Web Services



Services:

- Analysis, architecture
- Software design
- UX/UI design
- Implementation
- Testing
- Deployment
- Project management

Highlights

- A comprehensive web platform offering a variety of essential car services, including **insurance**, **highway vignettes**, and **parking tickets**, all designed to enhance the travel experience of the users.
- Smooth integration of **multiple third-party APIs**, ensuring **real-time data synchronization** and efficient service delivery for end users.
- **Multilingual support**, with a seamless user experience in Romanian, Hungarian, English, and German, expanding accessibility to a broader customer base.
- Robust back-end administration section that allows for **detailed transaction tracking**, **data export for accounting**, and secure user management.

Product Overview

This project involved the development of a software system having a **responsive web interface** (optimized for both desktop/laptop and mobile devices) where users can purchase various car-related services needed for traveling, such as car insurance, highway vignettes, parking tickets, etc.

Additionally, the platform offers **prepay phone charging** for Romanian phones. The solution was designed to address the everyday needs of drivers with ease and convenience.



Requirements

The project required the implementation of prepay phone charging for Romanian phones and a highway vignette for Hungarian roads. The platform also had to **allow easy addition of new services** over time, as required by the owners. Secure payments could be made through credit or debit cards.

Another critical requirement was the creation of an Administration section, where authenticated users could view the status of transactions (both in progress and completed). The system also needed to allow transaction data to be exported for **integration with accounting applications**.

The responsive web interface had to support **content in multiple languages**, including Romanian, Hungarian, English, and German.

ROMÂNĂ | MAGYAR | DEUTSCH | ENGLISH |

Doresc factura

Tara
Romania

Judet

Localitate

Adresa

Pentru a putea vedea un rezumat al comenzii si suma de plata va rugam confirmati comanda

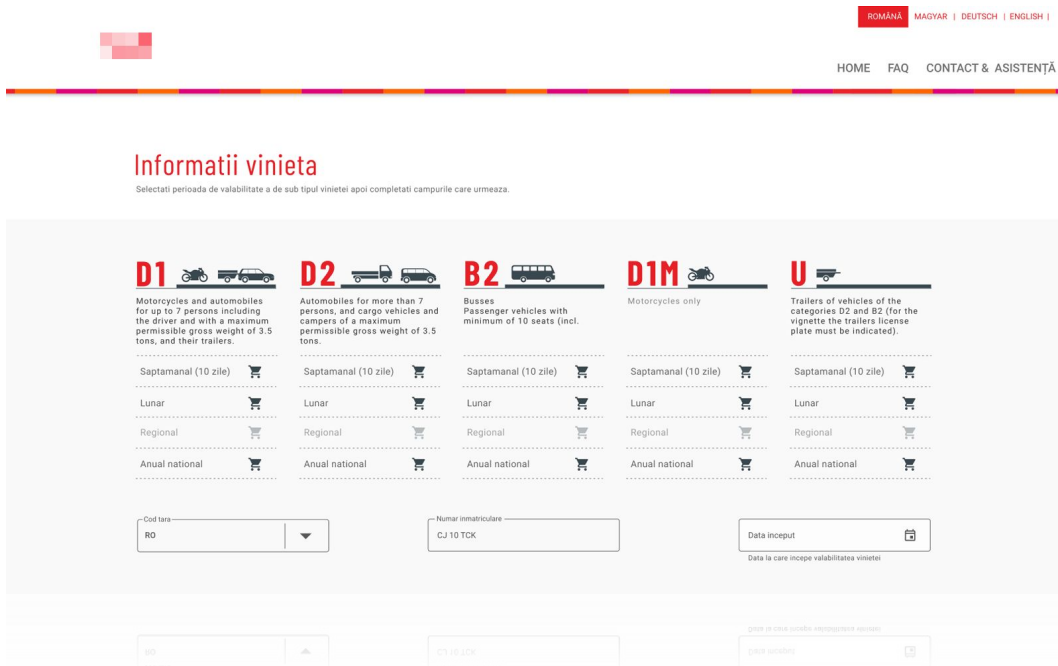
Sunt de acord cu [Termenii si conditiile](#) si [Politica de Protectie a Datelor](#)

si [Politica de Protectie a Datelor](#) sunt de acord cu [Termenii si conditiile](#)

Challenges

The project faced several challenges, including the **integration** of various **third-party APIs**, each with its own specific requirements, which required **data conversion** and **response processing** to ensure smooth operation. Additionally, developing an **exportable data format** that was easily **compatible with various accounting applications** proved to be a complex task due to differences between the applications.

In addition to the technical challenges, the project had to **comply with strict regulatory requirements**, such as GDPR, accounting legislation, user preferences, and **data security**.



Provided Solution

The delivered solution was user-friendly, not only for customers purchasing services but also for the administration team managing and monitoring transactions.

The platform's interface was designed to be intuitive and accessible, while the back-end was optimized for **efficient**, swift **data management**, and **extensibility to integrate additional services** for the users.



The screenshot displays a web application interface with a modal window titled "Detaliile tranzactiei". The modal shows the status of a transaction as "LIVRAT" (Delivered) in green text. Below the status, the following details are listed:

- Data inceput: 27/03/2020 11:27:00
- Nume Produs: [redacted]
- Descriere Produs: [redacted] for RO: [redacted] vignette type : WEEK, vignette car category: CAR
- Cod payu: [redacted]
- Pret Produs: 66 lei
- Data platii: 2020-03-27T09:25:35.203213Z
- Platit: true
- Nume Client: Bocea Alexandru
- Email: [redacted]
- Numar telefon: [redacted]
- Judet: Arad
- Oras: Nadlac
- Adresa: Penes Curcanu
- Tara: RO
- Numar factura: [redacted] (with a "Descarca factura" button)
- Numar vinieta: [redacted]

The background shows a table of transactions with columns for "Data", "Tip tranzactie", and "Det". The table contains several rows of transaction data. To the right of the modal, there is a sidebar with navigation options like "Rapoarte", "Utilizatori", and "Profil", and a list of transactions with buttons for "NEPLĂTIT" and "LIVRAT".

Let's get in touch

ArtSoft Consult is a trusted partner in the IT industry, providing tailored solutions to address your unique business challenges.

With our proven expertise our team delivers innovative solutions and development services.

Drawing from years of experience and industry insights, we deeply understand this industry and we look forward to working with your business.

For more details on our services and team, please [contact us](#).



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