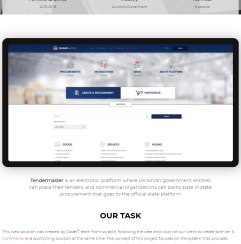
TENDERMASTER

Partnership period	Industry	Team size
2019-2020	Government/Government	5 people



Tendermaster is an electronic platform where Ukrainian government entities can place their tenders, and commercial organizations can participate in state procurement that goes to the official state platform

OUR TASK

This very solution was created by CodeT team from scratch, following the idea and vision of our client to create such an E-Commerce and auctioning solution at the same time. The concept of this project focuses on the system that provides businesses-to-business/consumer-to-government purchase and sale of supplies, work, and services through the Internet, thus the platform requires the following functionalities:

- Person or organization representing the government entity can create a procurement and set up a tender for goods, works or services
- Person or organization able to provide the requested goods, works or services can search for the relevant tenders, see the information about the procurement, raise a bid for it, participate in auction
- Users can negotiate over the tender, exchange documents and information, sign contracts
- Users that set up a tender can evaluate proposals and choose the best fit
- Every user has to be evaluated and approved by the platform moderators to avoid frauds

According to the above-mentioned functionality, it was decided to create 5 user roles with different abilities and access level:

Guest | Purchaser | Supplier | Administrator | Accountant

THE IMPLEMENTATION

The project is based on the Blind Framework 2 and the MVC structure.

Operational system: CentOS6.5
Programming language: PHP 7.0.9
Database: MySQL 8.0.17, MariaDB 10.2.8
Client OS: Windows 7, Windows 10, Mac OS X10
The client part and admin panel should work on Mozilla Firefox 47+, Safari 10+, Chrome 48+

GUEST MODE

This is the basic mode for every user who visits the website

WITHOUT REGISTRATION GUESTS CAN TAKE A LOOK AT THE FOLLOWING SECTIONS:

Guest

- Users
- Procurements
- Faqs
- Instructions
- News
- About Us

For any further actions at the site the Guest users should register. The process is rather simple and fast and requires only the email and password. After the registration users need to be approved by the administrator, and during this period they have access to the Guest section. Currently, you can the activity log, change your profile information, change password, select favorite procurements. At this stage, while editing their profiles Users choose their roles – Purchaser or Supplier.

Purchaser

PURCHASER MODE

When user select to be Purchasers they have all the above-mentioned functionality plus one of the main and important features – Creating Procurement.

THERE ARE SEVERAL TYPES OF PROCUREMENTS:

Below-threshold procurement ——
This means that the procurement that does not exceed a fixed limit and has the total planned amount less than set by the State Law

Open bidding ——
Similar to the first option, but here when the Purchaser creates the Procurement he does not indicate the due date for proposal submission and the period during which Suppliers can ask for clarifications about the tender

Open bidding published in English ——
The same as the previous type, but here Purchasers have additional fields to fill in the information in English if needed

To make the work with the platform easy-easy and understandable we have added several more specific features.

Procurement Plan ——
According to the law, before placing a tender Purchasers have to provide Procurement Plans. The form includes obligatory fields that have to be filled in according to the State Law. For this purpose, we have created a special user-friendly form with dependent menus, after the form is filled in, all the information goes to the Centre Database and the plan gets published. Every person can see the published plans because of the integration with Prozorro platform through their API.

Repost/duplicate ——
The Purchaser holds negotiations with several Suppliers – they can send several questions about the tender and request additional documents. After negotiations, the Purchaser selects the Supplier and they sign the contract

Create procurement
Procurement plan
Procurement number
Procurement number of the customer
Procurement number of the customer
Procurement number
Procurement number
Procurement number