

The goal of this project was to create a web application for the new fiscal system in Serbia. There are three types of users: companies, buyers, and administrators. Companies are divided into markets (shops) and cafes/restaurants.

All users can log into the system using their credentials (username and password). Users also have the option to register a new account. Administrators log in using another form that is not publicly visible.

During registration, users must also provide a company logo (min. dimension 100x100px, max. dimension 300x300px, JPG/PNG format). Admin sees requests for registration and can either accept it or decline it. Admins can also create new company profiles.

Apart from the login and registration forms, the start screen also shows the last 5 fiscal bills.

### ***Companies***

After the first login, companies are requested to provide additional data (category, activity code, isInTaxSystem, bank account numbers, storage objects). This information can be updated later in the first menu tab.

The second menu tab is used for adding companies that do business with the company, they can be added manually, or searched by their unique company identifier (if already exists).

The third menu tab is used for keeping track of the products that the company currently possesses. The existing products are shown in the table, and they can be modified or deleted. It is possible to add a new product with all the required information.

The fourth menu tab is used for creating different product categories and subcategories. Existing products can be assigned to a certain (sub)category.

The fifth menu tab is used for creating a fiscal bill. A fiscal bill contains several items. Items are chosen from the existing stockrooms/objects and are used with the prices defined when a product was created. For every item, it is needed to provide the number of products to sell. After calculating the final amount of the bill, tax is also calculated and added to the bill. After adding all the items that a customer wanted, the company worker closes the bill and lets a customer choose a way of paying (by card/cash...). When the bill is finalized and paid for, the amount is calculated into the daily revenue. Cafes/restaurants can open bills for every table and can work with multiple open bills.

The sixth menu tab is used for checking the reports. There are two types of reports. The first one shows the daily revenue for the selected date (and how much of that revenue is tax). The second report shows what items were on the bill for every closed bill.

The last menu tab (cafes/restaurants only) enables creating a table layout for every object or section (garden, indoor...). Tables are created with unique identifiers, shape (round/rectangle), width, and height (in pixels). After a table is created, the user can choose the position in the layout for the table.

### ***Buyers (Customers)***

These are registered directly by the administrators. After the login, customers can see a list of all companies and their available products, their prices, and objects where they are available. They can also search for products by their manufacturer or name.

In the second menu tab, a buyer can see all his bills. By choosing a certain bill, a user can see its details.

The last menu tab shows a visual graph of the user's spending in the current month, as well as in the last 12 months.

### ***Administrator***

A user that can register new companies and buyers. Can also accept or reject companies' requests for registration. Has the possibility to check the daily reports for all companies.