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Summary

The document provides complete understanding of the platform requirements, main tasks and

MULTI E-COMMERCE PLATFORM

[Подзаглавие на документа]

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# Summary

# Business target

There a different business targets in the e-commercial environment such as:

* B2B
* B2C
* C2B

Our and the platform target is Business-to-Business environment, where we will provide and fast and less…………………

# Potential Benefits

The potential benefits of the use of the platform to the other e-commerce owners is that the platform will provide:

* Reducing the price and time of preparing their own platforms or working environment for their employees and customers.
* Maintenance their own systems
* Extra functions that will help them to grow as business
* Their employees can start work and handle with first orders as soon as possible
* Owners have to prepare only the visual structure of their websites and payment services
* Owners and managers have better view of the situations
* Statistic charts which show them the current status of their business
* Fast and easy way to add new employees and splitting the work
* Employees have fast and live access to the orders and can update their details and status
* The multi-language environments provide an option of hiring people from other countries or immigrants with not so good language speaking.
* Better data security and cloud storages.
* Client specific extra Database fields and properties
* Everyone into the company can use the platform from anywhere even on move (in train).
* Well prepared and easy to use API request documentation based on swagger v3 view.
* Continues integration processes and bug fixes
* Environmental support
* Sending dynamic and customizable Pro-form invoice emails to their clients
* Easy data import – from Excel tables.
* Future data export

# Cons

For the first version of the platform there will be a few negatives of using the platform for our clients.

* Payment functionality is not provided
* Clients must prepare their own UI websites
* Client developers must integrate and adapt to our data structure
* Addition request heather option as “SiteID” have to be integrate into their code and system.

# Future Platform Developments

Our targeting of growing the business is by adding new features to the platform which can make the clients work easier, less time consuming and cheaper. Each futured version has an idea to add different benefits on the client side. The mentioned improvements are not specifically ordered as next releases.

* Preparing a mobile application with different views – specifically design and dynamic per each role level of authorization.
* Developing more statistic charts – which may help for the client busines grow
* Adding an extra file extension formats to the data import functionality
* Creating an easy access to the data and her exporting into a file
* Statistics data export as documents – Charts and etc… - (Excel Sheets and Word)
* Client to Employees chat rooms
* Performance improvements
* Security improvements
* DB access and performance
* UI features
* Clients features ideas/requests

# Authorisation

## Client Authorisation

## Platform Authorisation

# Platform UI Structure

## Dashboard page

## Clients page

## Employees page

## Orders page

Orders page will be used to display to the owner website and his/her employers, the list of stored records of all made client orders to that e-commerce website. All data will be displayed and orders by the different status as “New Orders”, “In Process”, “On the way”, “Delivered”, “Canceled” and an extra option as “All records”.

**What kind of data and functionality will be provided to the platform users and what will be difference between the level of auth**?

Depending of the level of authorization different additional options will be provided to the user.

* Employee level – For the employee level will be provided the most basic data and functionality –
  + New order tab list
  + In process tab list
  + On the way tab list
  + Delivered tab list
  + Canceled tab list
  + Functionality – Updating the status and populating each status extra field/details
  + Functionality – Filtering, sorting the data
  + Functionality – data pagination
* Manager level – will see all the options witch the employees are seeing with a few additional functionalities:
  + Filtering by employee name
  + Access to the Page Order Graphic(s)
  + Access to individual delete – Canceled, Delivered (old records)
* Owner (Admin) level – will see all the options that managers can see and use, plus:
  + Access to delete all Order records at once by specific status type

**How and what data will be displayed to the platform users**?

Currently there are three possible options of displaying the data on the user screen.

First option is as nested table view

On the first layer will be displayed the following columns and data:

* Order status – For type “All records” – Types: new, in process, On the way, delivered, canceled
* Order number – 8/10-digit number starting from 1 – example: 000000001
* Order date and time – When the order is created
* Region – (town and country)
* Postcode
* Address
* Handler – (the employee how handles the order – only for “in process table”)
* In process change date
* Send for delivery date
* Delivery Company name
* Delivery tracking number
* Delivery date
* Client Order Notes
* As a gift - Boolean

On second layer of the table will be shown the following columns and details:

* Product link button – It will open a popup with details about the selected product.
* Product name
* Product serial number / marking number – Bar code for example
* Product Type
* Product company
* Order qnt

### Second option view is as expandable panels with tables.

For header of the expandable panel the displayed details will be:

* Indicator – Colored indicator shows the Order status
* Status – Order status a plain text
* Region – Country, Town and Post code
* Home button icon – A popup button which will display the full client address and client notes
* Date – Depending of the status to display the status change date, but stored in separated DB property.

When panel is expanded the table data will contain the following column details:

* Product link button – It will open a popup with details about the selected product.
* Product name
* Product serial number / marking number – Bar code for example
* Product Type
* Product company
* Order Qnt

Table it self will be display small number of rows to prevent taking a lot of screen space with pagination menu **or** scrollable infinite list.

On the bottom of the panel will be provided a control navigation buttons which will change the order status or navigate throw the orders panels with next and previous icon/text buttons. When the status is updated the next panel should be automatically opened.

Styling requirements: Panels will be tight next to each other, but when a panel is open it will push from the others and make it more visible, the rest will be slightly blurred.

### Third option is a table with popup screen

Data to be displayed in a table format and on row dbl click to bring a popup screen with the order details form. From this popup user can change the order status and automatically to load the next/previous order. The loaded data will be loaded only from the same order status. The form will display the Client Notes, Client Address and in table/list format the order list and details. The table details are already mentioned in previous screen options.

On the main page table a few additional columns will be added, columns as:

* Indicator – Colored indicator shows the Order status
* Control buttons – Changing the order status, Open the order details
* Order Delete Button – Visible only for Managers/ Owners (Admins)/Sysadmins levels of auth

**Are there any additional options of filtering the data than those 5 types (6)?**

Above the data records listing view can be provide a filtering component fields which sort the table data by:

* Order Status – For “All records” status only
* Region filter – By Country, Town or/and postcode
* Handlers names – If the e-commers have many employees and the work is split between them equally, manager or owner may wish to see how they work or for any other reason.
* Table columns – Drop-down menu will multi selection options can allow to the user to filter the data by many columns at once.

Possible future data filters are:

* Splitting the records equally per each employees or specific employees and status i.e. small group of employees are handle with the new and in process status orders by checking the availability of the products and gathering/preparing package items. One person is responsible for taking the already prepared packages from previous group of employees and distribute them to the correct technical supply representatives. The guy changes the status from “In progress” to “On the way” by providing the delivery company name and the tracking number.  
    
  This option is suitable for bigger e-commerce providers, but is not very suitable for small once. Requires more research on this topic.

**What will be the sorting options of the user?**

It the data is in table format all columns will be possible sorting options. If not an drop-down menus will be provide on the screen above the lists with the possible options.

**How many records will be provided at once per page**?

Pagination menu will be provided on the top and on the bottom of the lists/tables. The bottom list will be visible only for big number of records loaded on the screen. On the menus can be found an drop-down options from where the user can change the data list size, by choosing from the following options: 5, 10, 15, 25, 50, 100 and by default 15 will be set.

## Invoice page

## API Connection Guide page

## Logs page

## Settings page

## Account page

## Platform & API Features page

# API Requests Documentations

## Platform API Request Documentation

## Client API Request Documentation

NEW TABLE Delivery prices

New Table Counties ….. ?????