17 ноября 2018 г.

Reva P., Volobuieva O., Saukh D., Bahno O.

|  |
| --- |
|  |
| Requirements |
|  |
| ProFinder |

Requirements

ProFinder

Content

[**1.** **Introduction** 2](#_Toc530929197)

[**2.** **General Overview** 3](#_Toc530929198)

[**3.** **Admin Panel Area** 4](#_Toc530929199)

[3.1. List of all types of users 4](#_Toc530929200)

[3.2. Blocking of the market 5](#_Toc530929201)

[3.3. Send feedback to market owner 5](#_Toc530929202)

[**4.** **Market Owner Area** 6](#_Toc530929203)

[4.1. Adding market to the system 6](#_Toc530929204)

[4.2. Adding products database 6](#_Toc530929205)

[4.3. Delete product 7](#_Toc530929206)

[4.4. Change product 7](#_Toc530929207)

[4.5. Add discount offer 7](#_Toc530929208)

[4.6. Change discount offer 8](#_Toc530929209)

[**5.** **User Area** 9](#_Toc530929210)

[5.1. Market list 9](#_Toc530929211)

[5.2. Products in the market 9](#_Toc530929212)

[5.3. Buying the product 9](#_Toc530929213)

[5.4. Comment on the product 10](#_Toc530929214)

[5.5. Rate the product 10](#_Toc530929215)

1. **Introduction**

Is it a pleasure for you when you after difficult day have to think what product and where you have to buy in order to make supper? Definitely not. However, you do not have exit. You have to do it and do not have any chances that this problem can be solved by itself.

ProFinder is a conceptually new product on the food area in Ukraine. It really has no analogs in Ukraine and usage of this will like the step in future. This document provides basic knowledge why you should review our product as one that worth working with.

**REMARK:**

All concepts and user interface part can change in future All functions are just a conceptual proposition to explain the requested functionality. Before development, a professional UI designer will create screens.

1. **General Overview**

Every day people face with problems of food with quality that does not match to its price. It is too hard to find really food, which will have good quality and corresponding price in the same time. Our product can solve the problem.

ProFinder consists of three modules: user part, market part and admin panel. User will be able to find what he really wants. In addition, he has opportunity to give feedback to some market and it will have influence for quality of the products. Market owner has to regulate prices and discount offers via ProFinder. Moreover, admin from admin panel can regulate relationships of buyer with a market. User will have never seen markets with bad goods and high prices. All types of the users will have benefit – usual users will have good-quality products for a corresponding price.

Above-mentioned features make the program actual and demanded in the all spheres of human activities, which tie with food.

1. **Admin Panel Area**

Admin panel is web-based application, which will regulate relationships between users and markets; the main function of this is give feedback for market owners and delete markets with bad rating from the system.

* 1. **List of all types of users**

Admin will be able to see all users in the system. He can understand and analyze how much user’s product has, how much markets.

List of users in the system

|  |  |
| --- | --- |
| Name | Description |
| id | Id of the user in the system |
| name | User’s name |
| surname | User’s surname |
| birthDate | User’s date of birth |
| longitude | Last user’s longitude to find nearby markets |
| latitude | Last user’s latitude to find nearby markets |
| avatarUrl | Link to user avatar |

List of markets in the system

|  |  |
| --- | --- |
| Name | Description |
| id | Id of the user in the system |
| name | Markets’s name |
| email | Market’s email for support |
| phoneNumber | Market’s phone number for support |
| adress | String address representation for show on user interface |
| latitude | Market’s latitude to show on the map |
| longiture | Market’s latitude to show on the map |
| rating | Market’s rating formed by users |

* 1. **Blocking of the market**

Admin can block markets with bag rating, market owner receive the email with the reason of blocking and users won’t see blocked market in this list of the markets or in the map

|  |  |
| --- | --- |
| Name | Description |
| id | Id of the market in the system |

* 1. **Send feedback to market owner**

When new market owner wants to add his market in the system, his market should be validated and approved by an admin. After owner apply a bid for adding his market, admin consider this request and give feedback to owner with the information linked with his request.

1. **Market Owner Area**

This part of the system is web-based app, which can help market owner to add his market. Add list of products, add some new good, add discount offer, change information from his market, analyze the statistic of his market, and regulate prices.

* 1. **Adding market to the system**

If market owner wants to add his market to the system, he should fill registration form and wait for result from system administrator

|  |  |
| --- | --- |
| Name | Description |
| name | Maket name |
| email | Markets’s owner email |
| phone | Markets’s owner phone number |
| longitude | Market’s longitude |
| latitude | Market’s latitude |
| hasParking | Field which describe if market has parking |
| hasTerminal | Field which describe if market has terminal |
| square | Market’s square |

* 1. **Adding products database**

As a rule, market owner has some database, which store information about goods in his market. It very useful, that after company creation you can import this on system, because it is too hard add it one by one. System support the following data formats: xsl, access, sqlite, xml, json. If you have new product/products, you only need update your database and reload it to system

* 1. **Delete product**

Market owner has ability to delete product from the system, it useful, for instance, when you finish selling this product or it will not be available for a long time.

|  |  |
| --- | --- |
| Name | Description |
| id | Id of the product in the system |

* 1. **Change product**

Product price or name can be changed. Market owner can update it via this function.

|  |  |
| --- | --- |
| Name | Description |
| productId | Product id in database |
| name | Product name |
| price | Product price |

* 1. **Add discount offer**

Market owner can add some discount offer for particular product.

|  |  |
| --- | --- |
| Name | Description |
| productId | Product id in database |
| percent | Discount percent |
| startDate | The start date of the discount |
| endDate | The end date of the discount |

* 1. **Change discount offer**

Discount conditionals can be changed and market owner have to have ability to update this.

|  |  |
| --- | --- |
| Name | Description |
| productId | Product id in database |
| percent | Discount percent |
| startDate | The start date of the discount |
| endDate | The end date of the discount |

* 1. **All Products list**

Product owner can view the full list of his products, can analyze, sort filter this list for different categories, for instance depend on sum of sell by some period of time

|  |  |
| --- | --- |
| Name | Description |
| productId | Product id in database |
| name | Product name |
| amount | The number of product |
| soldAmount | Amount of the sold production |

1. **User Area**
   1. **Market list**

User can view list of the markets at the map, here user can find out basic info about the market, its location, products, discounts etc.

|  |  |
| --- | --- |
| Name | Description |
| id | Id of the market in the system |
| name | Markets’s name |
| email | Market’s email for support |
| phoneNumber | Market’s phone number for support |
| adress | String address representation for show on user interface |
| latitude | Market’s latitude to show on the map |
| longitude | Market’s latitude to show on the map |
| rating | Market’s rating formed by users |

* 1. **Products in the market**

For the particular market user can view the list of products, discounts of the products, its rating, price etc.

|  |  |
| --- | --- |
| Name | Description |
| id | Id of the product in the system |
| name | Markets’s product |
| price | Product’s price |
| rating | Product’s rating formed by users |
| comments | The comments associated with the product |

* 1. **Buying the product**

User can buy product, which he wants for this user need only to leave his card contact data: card number, validity, cv4 for Paypal system, also user has to leave address data for delivery. After this, the request will handle and if transaction was successful user will get his good.

* 1. **Comment on the product**

User can comment on some product, give his feedback about price, quality, and delivery speed. It will increase quality of markets and its delivery.

|  |  |
| --- | --- |
| Name | Description |
| id | Id of the product in the system |
| comment | The comment associated with the product |

* 1. **Rate the product**

When user pay for product and the good was delivered for its destination, the buyer can rate product. Other users will view rating, which form by users. Also, the market rating is average of the rating of all its products.

|  |  |
| --- | --- |
| Name | Description |
| id | Id of the product in the system |
| rate | The value, from 1 to 5, which characterize the product quality |