

**Optimum Inventory Flow v1.0**  
**[Optiflow]**  
**User Manual**

## **Table of contents**

### [Overview](#)

### [Part 1. System requirements](#)

#### [1.1 Main System](#)

#### [1.2 Software – Applications](#)

#### [1.3 Barcode scanner](#)

### [Part 2. Getting-started](#)

#### [2.1 Set-up Users](#)

#### [2.2 Set-up Suppliers](#)

#### [2.3 Set-up Products](#)

#### [2.4 Alerts Configuration](#)

### Part 3. Main Use

### Part 4. Creating Reports/Forms

### Part 5. Update products QTY

### Part 6. Log Files

### Part 7. Graphic Data Analysis

### Appendix A. Optiflow Video Tutorials

## Overview

Optiflow (Optimum Inventory Flow) is designed to make the collection, storage and control of inventory information faster and more reliable.

Moreover, it is designed to help you store useful information regarding your employees and suppliers.

Finally, the “Graphic Data Analysis” feature of optiflow will help you analyze and understand the sales history and the condition of your shop from a sales standpoint.

We always keep in mind that an application has to be user-friendly and efficient.

### **Important Note!**

Optiflow is to be used by companies/shops/stores that use just one PC (personal computer / Laptop) to control their products inventory. It can't be used to support a network because the database is stored locally (embedded database). So, use optiflow in one PC only.

## Document Sections

This document is divided into several sections which explain the functions of Optiflow.

The “Part 1. System requirements” section describes the minimum requirements of your PC hardware and software standpoint. Please make sure that the following system requirements are met.

The “Part 2. Getting-started” section explains how to start using Optiflow software on your PC. Also, describes the initial set-up regarding the users, the suppliers and products of your company, and, finally, the inventory alerts (settings section). These set-up functions are only available if you are logged in as admin.

The “Part 3. Main Use” section describes the main application functions for the simple user in everyday activity: sell products, update the inventory and check the QTY limits if there are any alerts for low inventory.

The “Part 4. Creating Reports/Forms” section explains how to print useful forms with information for the users or the suppliers, and Order Forms for the products of your choice.

The “Part 5. Update products QTY” section explains how to update the quantity of the existing products when receiving a package from a supplier.

The “Part 6. Log Files” section explains how to use and understand the Log File created daily and automatically by the app.

The “Part 7. Graphic Data Analysis” section explains how to use and understand the different graphs /charts created by this feature, in order to improve the functionality and products sales of your company.

Finally, there is Annex A with useful links for Video Tutorials on our YouTube channel.

### ***Optiflow-free-version Notes***

Keep in mind that the Optiflow-free-version can support a maximum number of 30 products. Also the sales number is limited to 5000 unique sales. Nevertheless, the Optiflow-free-version v1.0 can be used until the end of 2022.

## **Part 1. System requirements**

### **1.1 Main system**

In order for the optiflow software to perform properly, the PC must have the following minimum requirements:

- Windows 7 Operating System or ,
- Linux Ubuntu 16 / Mint 17 Operating System
- Intel Core 2 Duo or AMD Athlon 200GE CPU (or similar)
- 2 GB RAM
- 2 GB Free Hard Disk Space

Recommended system requirements:

- Windows 10 Operating System or ,
- Linux Ubuntu 18 / Mint 18 Operating System
- Intel Core i5 or AMD Ryzen 5 CPU (or similar)
- 4 GB RAM
- 8 GB Free Hard Disk Space

### **1.2 Software – Applications**

The pieces of software listed below are considered prerequisites for a hassle-free use of optiflow:

- Gedit and Libre Office for Linux OS
- Notepad and Microsoft Office Word for Windows OS
- Dropbox or Google Drive account (or other similar) to manually back-up the database in a weekly or daily basis. Always, back-up the database in an external hard disk drive or online cloud storage.
- Internet connection

### 1.3 Barcode scanner

Finally, we recommend that the optiflow software should be used with a barcode scanner. This way, the user has an easy, hassle-free use of optiflow. Otherwise the user has to type the PID (product ID or product barcode) during selling products or updating the inventory.

Using a barcode scanner is faster, easier and with zero probability of typing errors. The cost of a barcode scanner is quite low compared to the advantages it offers. You can visit our website to check some barcode scanners that we recommend to be used with optiflow.

## Part 2. Getting-started

Once you download the optiflow folder at your PC, place it on your desktop for convenience. Now, you are ready to start optiflow by double-clicking the “launcher” file (depending on the OS click the Windows or Linux launcher). If everything is OK the login page (Image 1) will appear.

In case you receive any errors regarding Java Version, probably your system needs a Java Install or Update. Please, follow the trouble-shooting procedure described in chapter 2.5.

Firstly, you have to login as an admin, using the credentials provided when you downloaded the software. Please, check the following images describing the login procedure (fields with \* are mandatory).

### **Important Note!**

Proceed to the initial Set-up of optiflow following this order:  
users set-up → suppliers set-up → products set-up

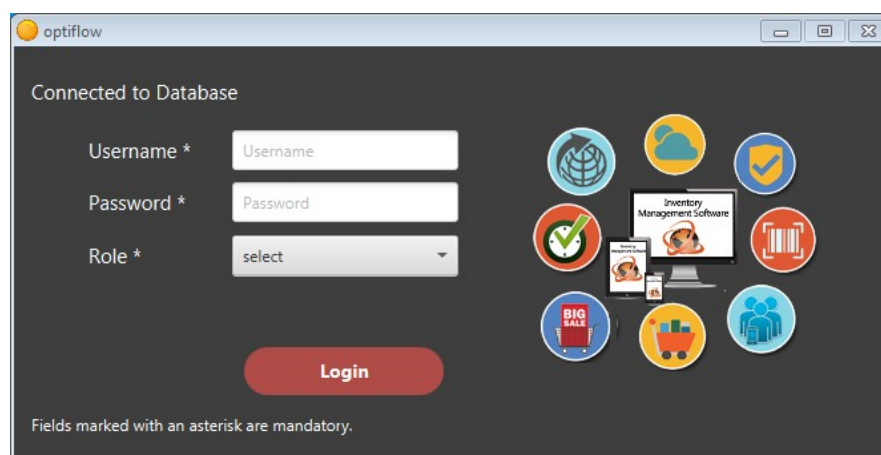


Image 1

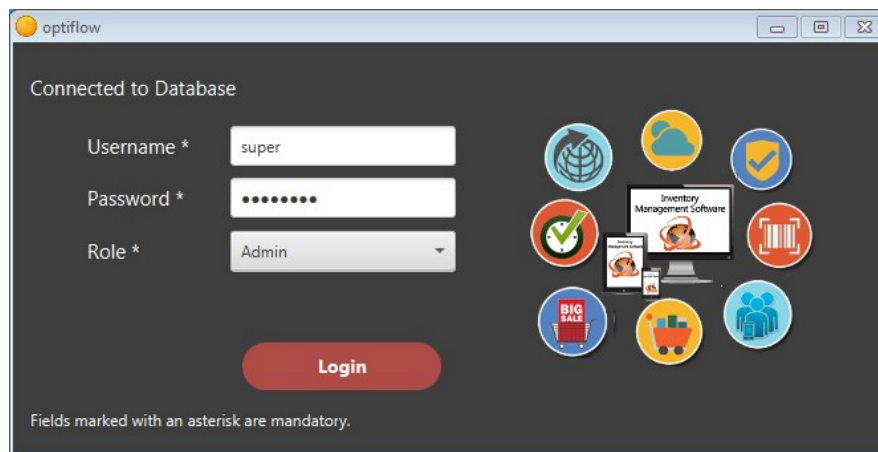


Image 2

Logged in as administrator you see the “Admin Panel” and you are able to use all four optiflow features:

Users, Products, Suppliers and Data Analysis.

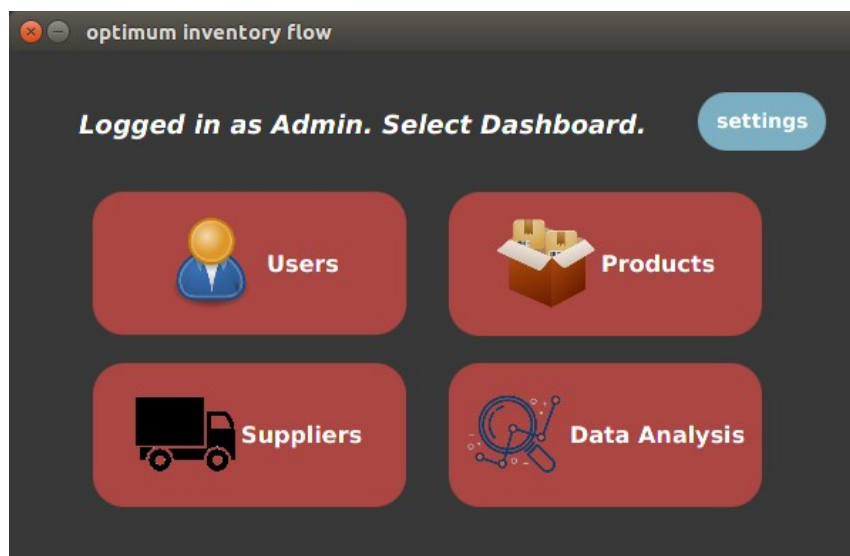


Image 3

The simple users of the application can use the Products feature only.

The next step is the set-up procedure of the application described in the following chapters 2.1 – 2.4.

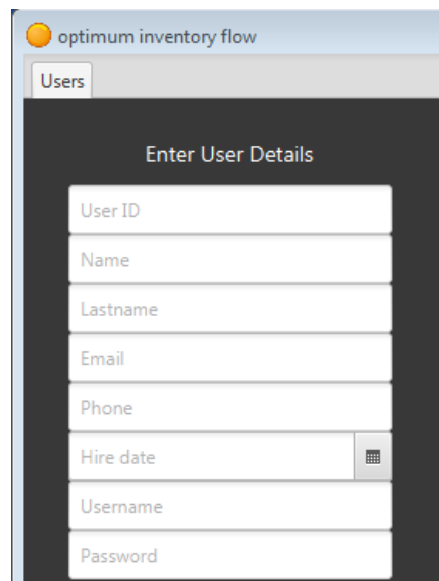
## 2.1 Set-up Users

### New User

During this step you will create the users of optiflow. Please, import the company's employees that will use the application.

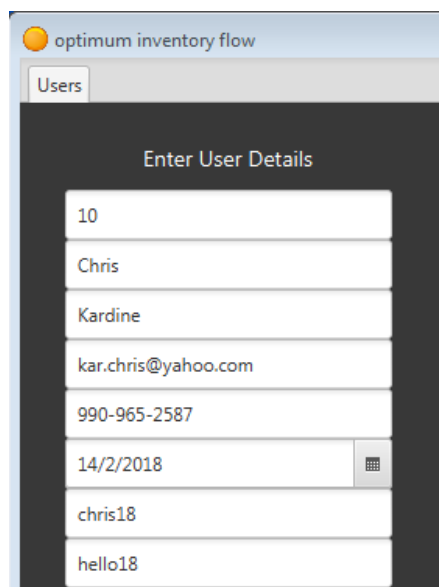
You have to provide the information described in the fields in the image below. You can always make updates or delete a user later.

User-ID, name, last-name, username and password are mandatory fields. It is suggested that all passwords should have at least 6 characters.



The screenshot shows a web application window titled "optimum inventory flow" with a "Users" tab selected. The main content area is titled "Enter User Details" and contains a vertical stack of input fields: "User ID", "Name", "Lastname", "Email", "Phone", "Hire date" (with a calendar icon), "Username", and "Password".

Image 4



The screenshot shows the same "Enter User Details" form as in Image 4, but with sample data entered into the fields: "10" for User ID, "Chris" for Name, "Kardine" for Lastname, "kar.chris@yahoo.com" for Email, "990-965-2587" for Phone, "14/2/2018" for Hire date, "chris18" for Username, and "hello18" for Password.

Image 5

As soon as you have inserted all the relevant information click the button "Add user".

If there are no missing information, the following alert should appear “Data update. Successful!”

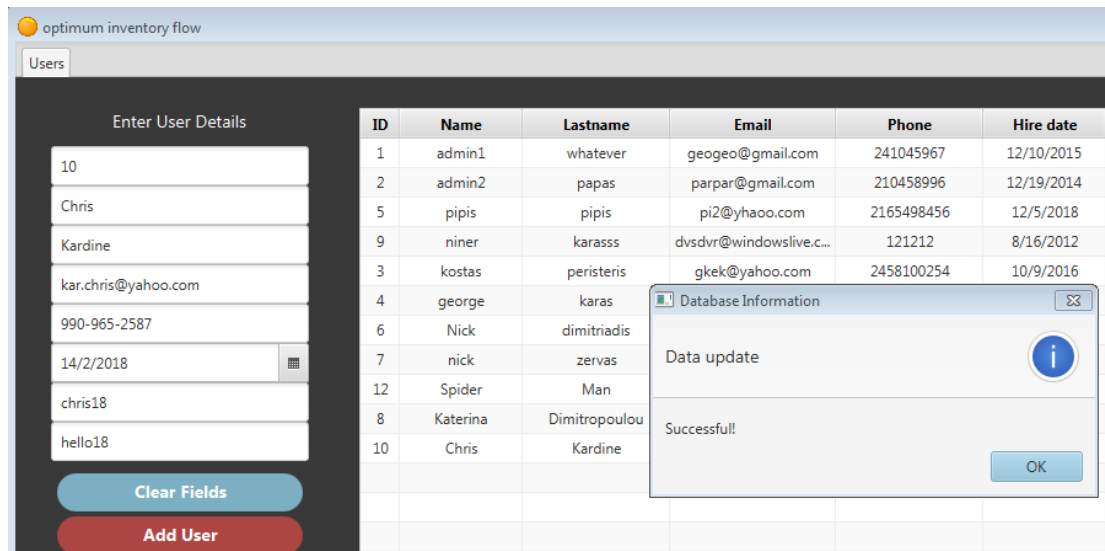


Image 6

This way you can provide all your employees with valid credentials to login as simple users to optiflow. All these data can be updated and modified later.

Simple users can use the Products feature only.

### Update user information

Click the button “update user”

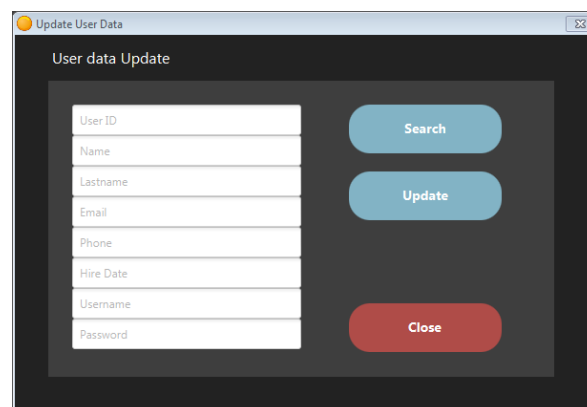
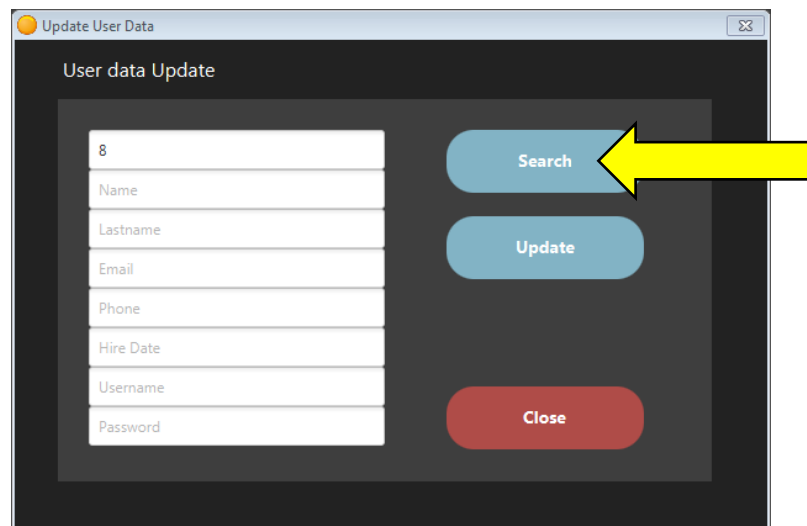


Image 7

Insert the user ID and click the “Search” button. Then, modify the data you like, and click the “Update” button. An alert message will pop-up for succesful update.

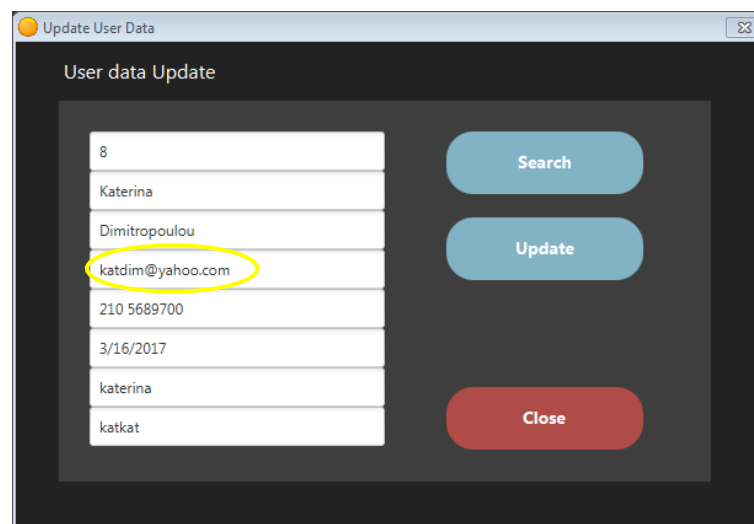
Check the following images depicting the email update for a user with ID = 8.





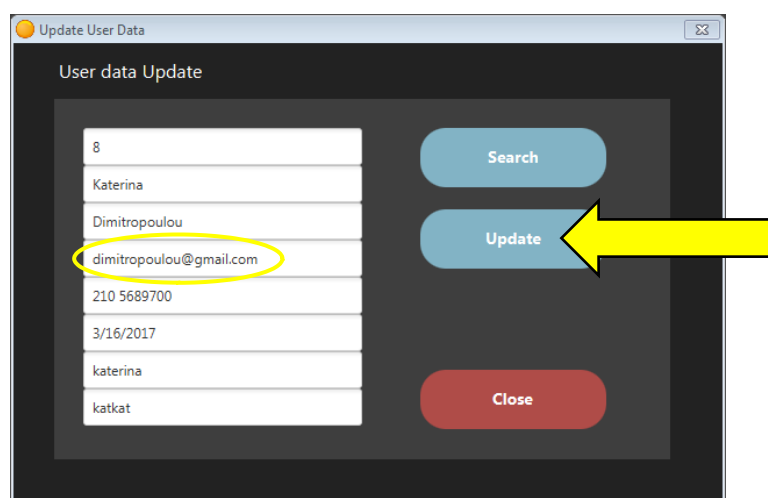
The screenshot shows a window titled "Update User Data" with a subtitle "User data Update". On the left, there is a vertical stack of input fields: a text field containing "8", and fields for "Name", "Lastname", "Email", "Phone", "Hire Date", "Username", and "Password". On the right, there are three buttons: a blue "Search" button, a blue "Update" button, and a red "Close" button. A large yellow arrow points from the right edge of the window towards the "Search" button.

Image 8



The screenshot shows the same "Update User Data" window, but now the input fields are populated with data: "8", "Katerina", "Dimitropoulou", "katdim@yahoo.com" (which is circled in yellow), "210 5689700", "3/16/2017", "katerina", and "katkat". The "Search", "Update", and "Close" buttons remain on the right.

Image 9



The screenshot shows the "Update User Data" window with the same data as Image 9. The "Email" field now contains "dimitropoulou@gmail.com" (circled in yellow). A large yellow arrow points from the right edge of the window towards the "Update" button.

Image 10

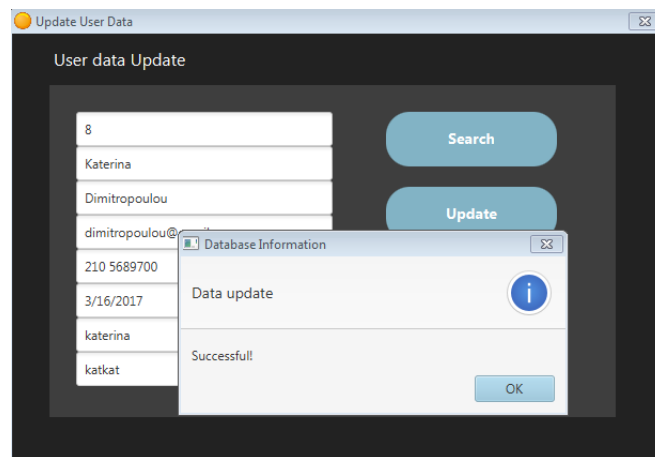


Image 11

## Delete User

Insert a valid user ID and click the “delete user” button. A Confirmation window pops-up and you have to reply. If you answer “Yes”, the user will be deleted.

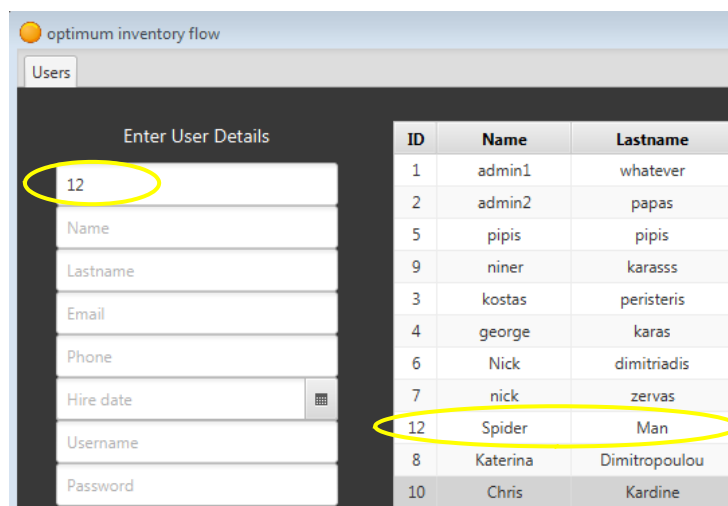


Image 12

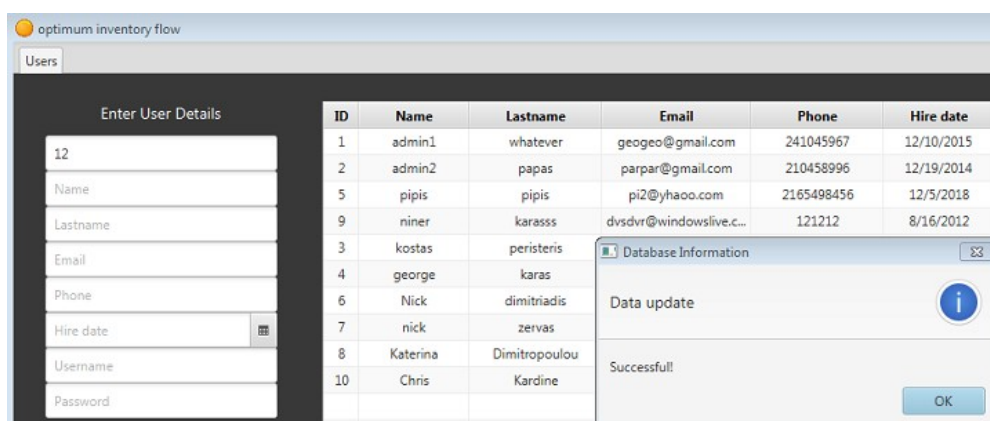
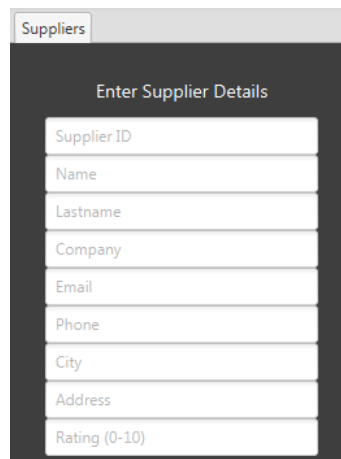


Image 13

## 2.2 Set-up Suppliers

### New Supplier

During this set-up you will import in optiflow the suppliers of your company. Please, provide the information described in the fields below (ID, name, lastname, company are mandatory). You can always make updates or delete a supplier later.



Suppliers

Enter Supplier Details

Supplier ID

Name

Lastname

Company

Email

Phone

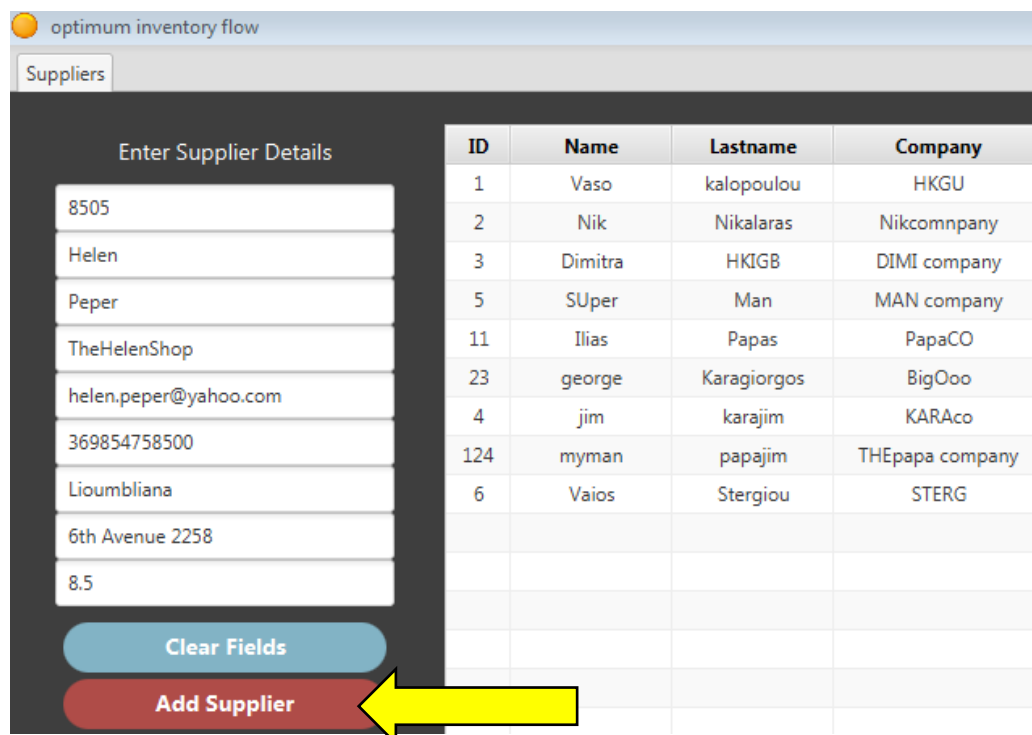
City

Address

Rating (0-10)

Image 14

As soon as you have inserted all the relevant information click the button “Add Supplier”. If there are no missing information, the following alert should appear: “Data update. Successful!”



optimum inventory flow

Suppliers

Enter Supplier Details

8505

Helen

Peper

TheHelenShop

helen.peper@yahoo.com

369854758500

Lioumbliana

6th Avenue 2258

8.5

Clear Fields

Add Supplier

ID	Name	Lastname	Company
1	Vaso	kalopoulou	HKGU
2	Nik	Nikalaras	Nikcomnpany
3	Dimitra	HKIGB	DIMI company
5	SUper	Man	MAN company
11	Ilias	Papas	PapaCO
23	george	Karagiorgos	BigOoo
4	jim	karajim	KARAcO
124	myman	papajim	THEpapa company
6	Vaios	Stergiou	STERG

Image 15

Optimum Inventory Flow 2020  
Version 1.0

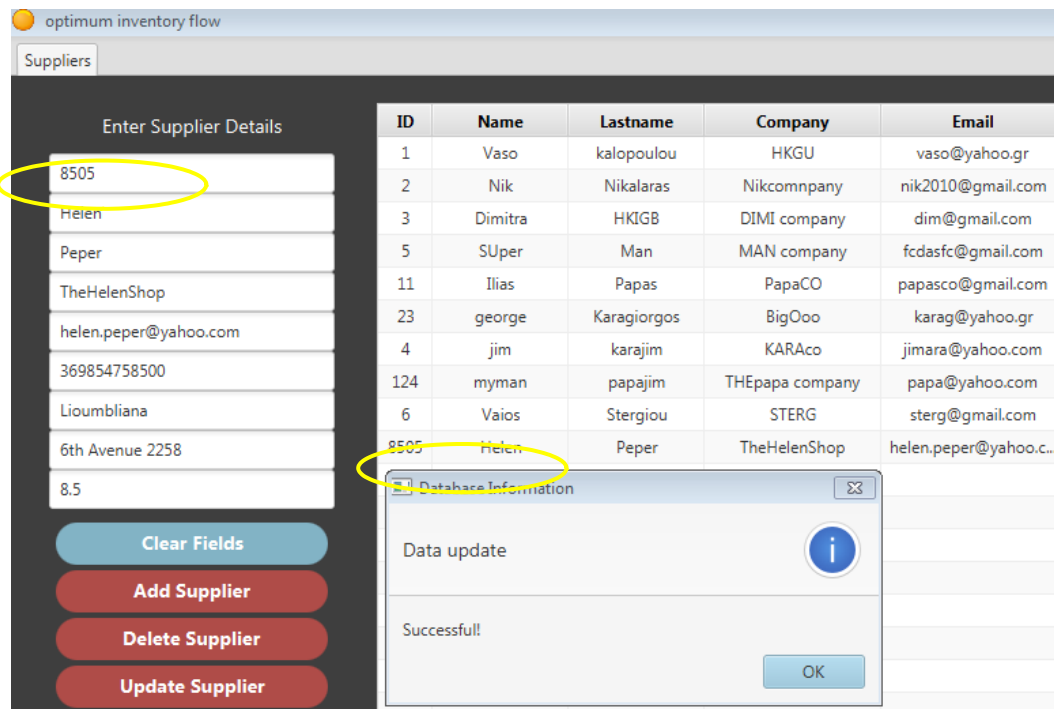


Image 16

### Update Supplier

Click the button “Update Supplier”. The following screen should appear.

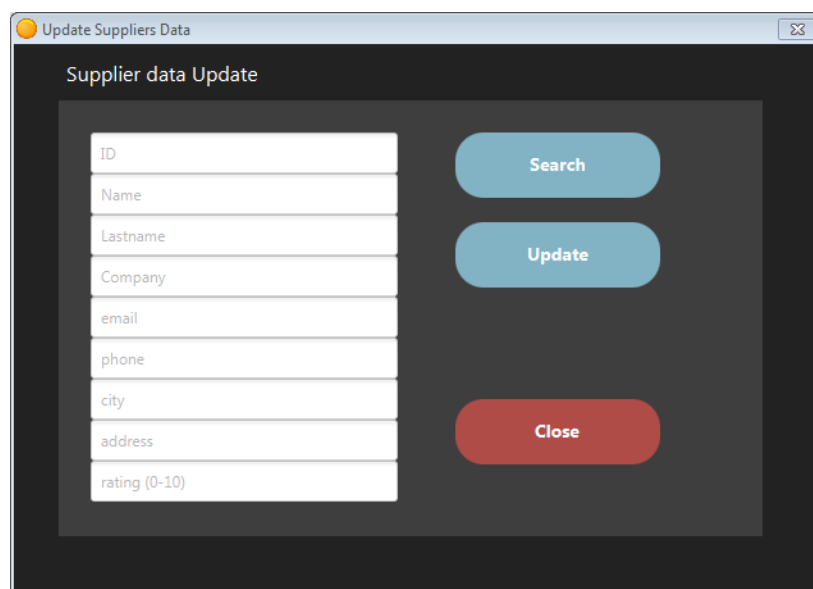
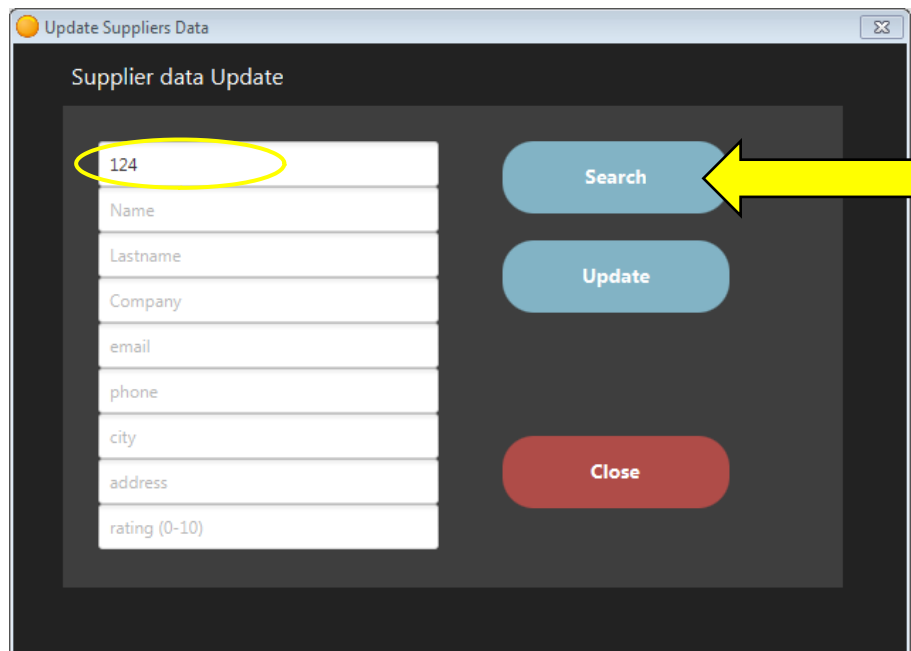


Image 17

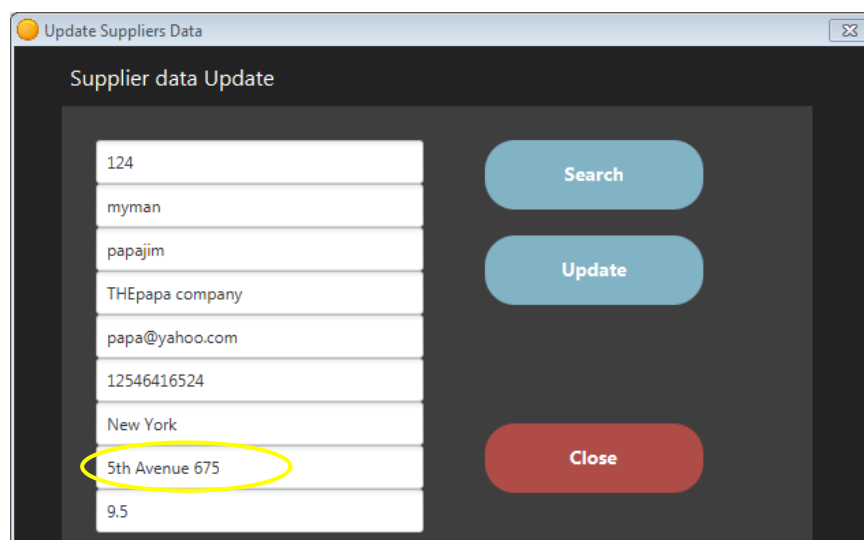
Insert the Supplier-ID you need to update data and click “Search” button. Then modify the field you like and click the “Update” button.

See the following images depicting the update procedure of the Address, for the Supplier with the ID=124. Insert the ID and click “Search” button. Then change the Address info and click “Update”.



The screenshot shows a window titled "Update Suppliers Data". Inside, there is a form with several input fields: "Name", "Lastname", "Company", "email", "phone", "city", "address", and "rating (0-10)". The "Name" field contains the value "124" and is circled in yellow. To the right of the form are three buttons: "Search" (blue), "Update" (blue), and "Close" (red). A yellow arrow points to the "Search" button.

Image 18



The screenshot shows the same "Update Suppliers Data" window. The form fields are now populated with data: "Name" is "124", "Lastname" is "myman", "Company" is "papajim", "email" is "THEpapa company", "phone" is "papa@yahoo.com", "city" is "12546416524", "address" is "New York", and "rating (0-10)" is "5th Avenue 675". The "address" field is circled in yellow. The "Search" button is now disabled, and the "Update" button is active. The "Close" button remains red.

Image 19

In Image 20 the user has modified the address from “5th avenue 675” to “4th street 256” , then click the “Update” button.

Optimum Inventory Flow 2020  
Version 1.0

Image 20

Image 21

See below the modified address in the Suppliers Table for the supplier ID=124.

ID	Name	Lastname	Company	Email	Phone	City	Address	Rating
1	Vaso	kalopoulou	HKGU	vaso@yahoo.gr	245636	Athens	Giortis 205	8.0
2	Nik	Nikalaras	Nikcompany	nik2010@gmail.com	2410659646	Larissa	Ioanninwn 100	9.0
3	Dimitra	HKIGB	DIMI company	dim@gmail.com	2410568977	Larissas	afg546	7.0
5	SUPER	Man	MAN company	fcdasfc@gmail.com	215432626	NewYork	6th Avenue 651	8.0
11	Ilias	Papas	PapaCO	papasco@gmail.com	24104587896	Larissa	Thessalonikis 15	5.5
4	jim	karajim	KARACO	jimara@yahoo.com	564897365	Kavala	Edessic 36	7.0
124	myman	papajim	THEpapa company	papa@yahoo.com	12546416524	New York	4th Street 256	9.5
6	Vaios	Stergiou	STERG	sterg@gmail.com	346534754	Kalamata	Papapaa 34034	6.5
8505	Helen	Peper	TheHelenShop	helen.peper@yahoo.com	369854758500	Lioumbliana	6th Avenue 2258	8.5

Image 22

## Delete Supplier

Insert a valid Supplier-ID and click the “Delete Supplier” button.

The screenshot shows the 'Suppliers' management interface. On the left, there is a form titled 'Enter Supplier Details' with fields for ID, Name, Lastname, Company, Email, Phone, City, Address, and Rating (0-10). Below the form are three buttons: 'Clear Fields', 'Add Supplier', and 'Delete Supplier'. The 'Delete Supplier' button is highlighted with a yellow arrow. On the right, there is a table of suppliers. The table has columns: ID, Name, Lastname, and Company. The row with ID 23 is highlighted with a yellow oval, showing the supplier 'george Karagiorgos' from 'BigOoo'.

ID	Name	Lastname	Company
1	Vaso	kalopoulou	HKGU
2	Nik	Nikalaras	Nikcomnpany
3	Dimitra	HKIGB	DIMI company
5	SUPer	Man	MAN company
11	Ilias	Papas	PapaCO
23	george	Karagiorgos	BigOoo
4	jim	karajim	KARAcO
124	myman	papajim	THEpapa company
6	Vaios	Stergiou	STERG
8505	Helen	Peper	TheHelenShop

Image 23

When you click the delete button, a Confirmation window pops-up and you have to reply. If you answer “Yes”, the Supplier with the relevant ID is deleted and the following Alert Message should appear: “Data Update Successful!”

The screenshot shows the 'Suppliers' management interface after clicking the 'Delete Supplier' button. A 'Database Information' dialog box is displayed in the foreground, showing the message 'Data update Successful!' and an 'OK' button. The background interface is the same as in Image 23, but the 'Delete Supplier' button is no longer highlighted.

ID	Name	Lastname	Company	Email
1	Vaso	kalopoulou	HKGU	vaso@yahoo.gr
2	Nik	Nikalaras	Nikcomnpany	nik2010@gmail.com
3	Dimitra	HKIGB	DIMI company	dim@gmail.com
5	SUPer	Man	MAN company	fcdaefc@gmail.com
11	Ilias	Papas	PapaCO	papasco@gmail.com
4	jim	karajim	KARAcO	jimara@yahoo.com
124	myman	papajim	THEpapa company	papa@yahoo.com
6	Vaios	Stergiou	STERG	sterg@gmail.com
8505	Helen	Peper	TheHelenShop	helen.peper@yahoo.com

Image 24

## 2.3 Set-up Products

### New Product

In order to insert a new product in the inventory you should open the products feature and click the “Inventory Manager” button.

In the inventory manager view click the button “Add new product”.

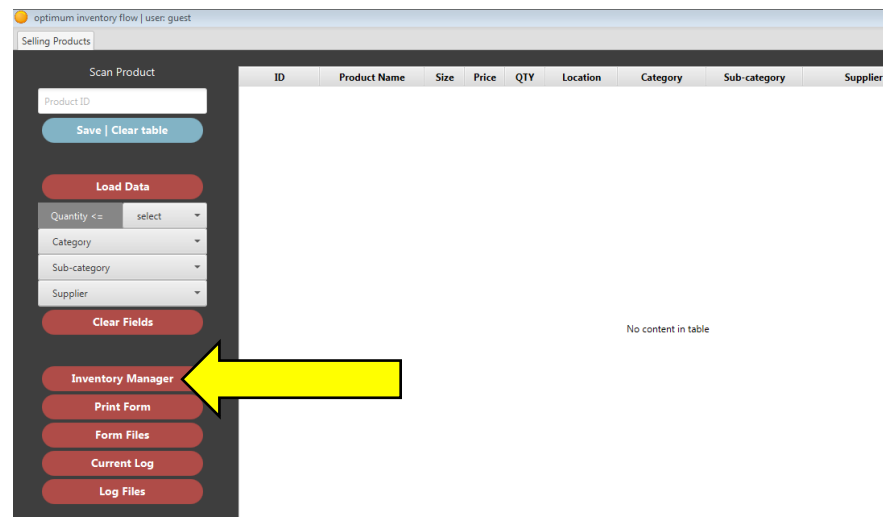


Image 25

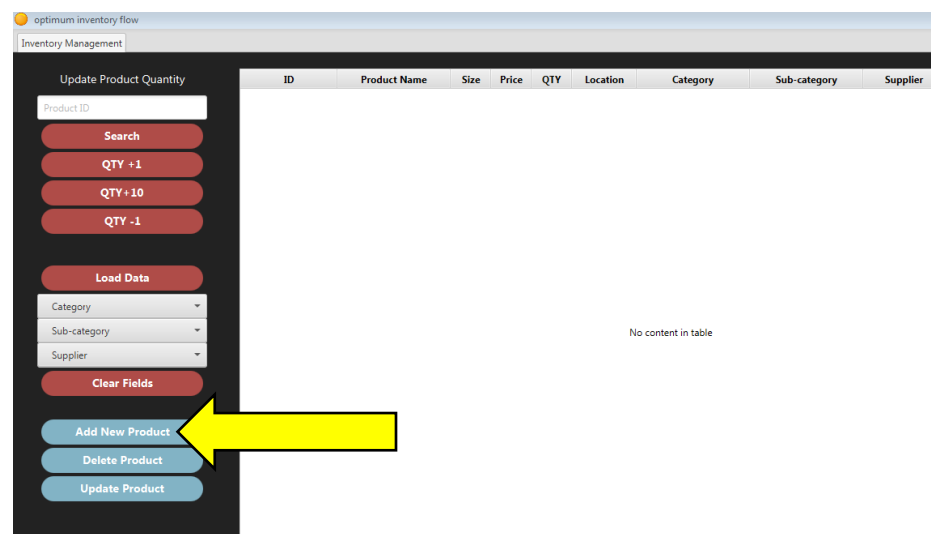


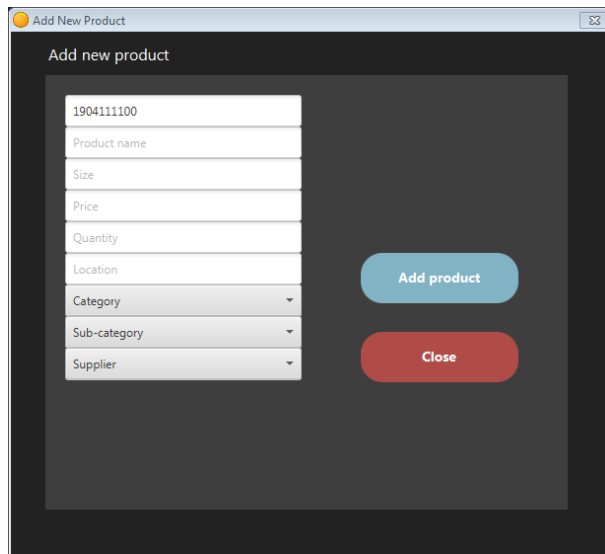
Image 26

In the “Add new product” view you have to insert the data of the new product. The new id is created automatically, but if you like you can delete it and add the id you need.

Keep in mind that you should have inserted already the suppliers for the products. If you don't have the suppliers inserted, please go to Chapter 2.2.

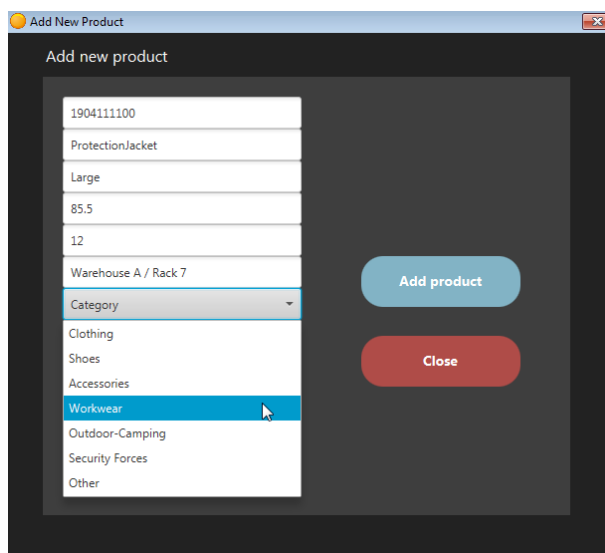


You have to provide the information described in the fields in the image below. You can always make updates or delete a product later.



The screenshot shows a window titled "Add New Product" with a dark background. Inside, there's a form titled "Add new product". The form has several input fields: a text field with "1904111100", and empty fields for "Product name", "Size", "Price", "Quantity", and "Location". Below these are three dropdown menus for "Category", "Sub-category", and "Supplier". To the right of the form are two buttons: a blue "Add product" button and a red "Close" button.

Image 27



This screenshot shows the same "Add New Product" window. The input fields are now filled with: "1904111100", "ProtectionJacket", "Large", "85.5", "12", and "Warehouse A / Rack 7". The "Category" dropdown menu is open, showing a list of options: "Clothing", "Shoes", "Accessories", "Workwear" (which is highlighted with a blue bar and a mouse cursor), "Outdoor-Camping", "Security Forces", and "Other". The "Add product" and "Close" buttons remain on the right.

Image 28

As soon as you have inserted all the relevant information click the button “Add product” (see the Image below).

If there are no missing information, the following alert should appear “Data update. Successful!” (see the Image below).

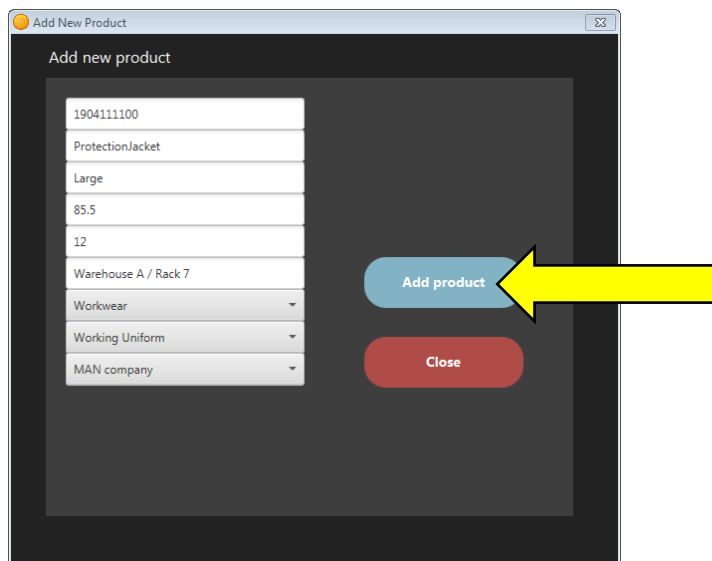


Image 29

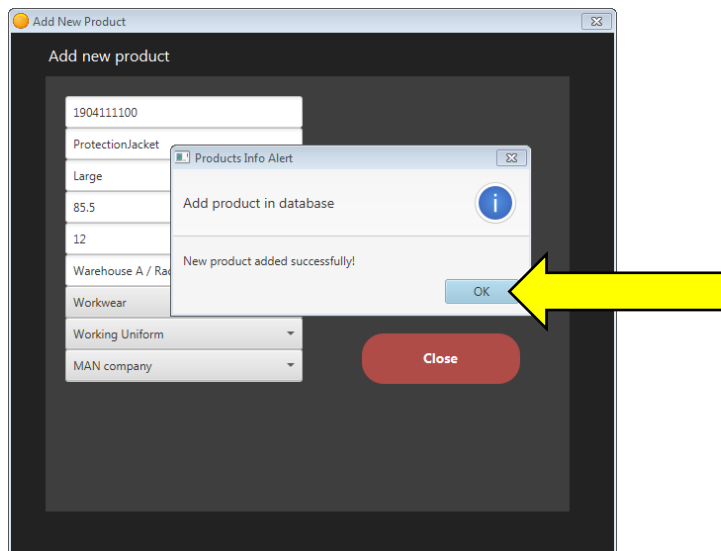
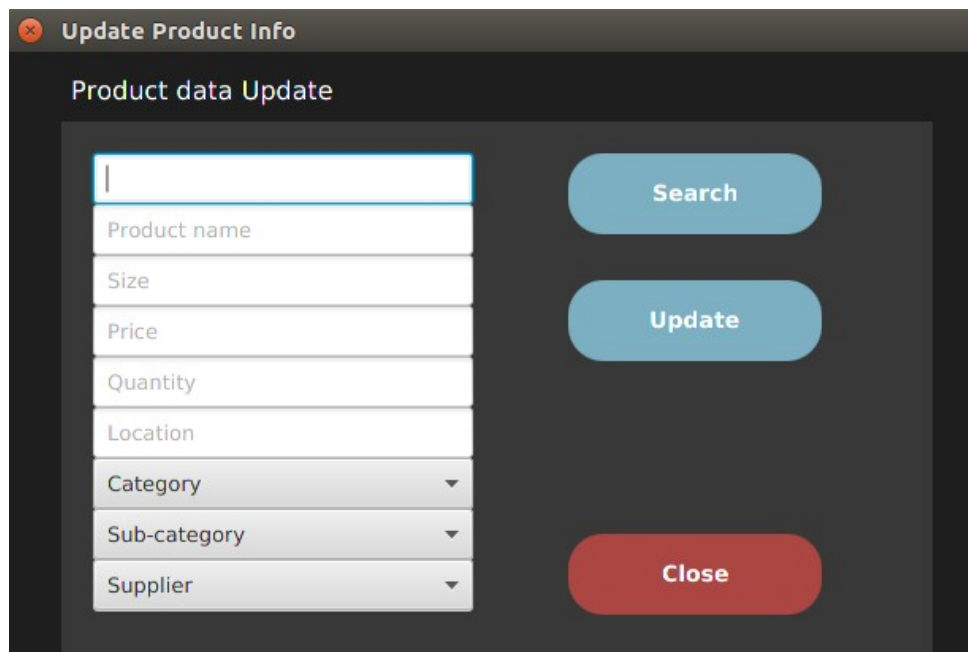


Image 30

### **Update Product Info**

In order to update (modify information or change the quantity) a product in the inventory you should open the products feature and click the "Inventory Manager" button.

In the inventory manager view click the button "Update product". The following screen should appear.

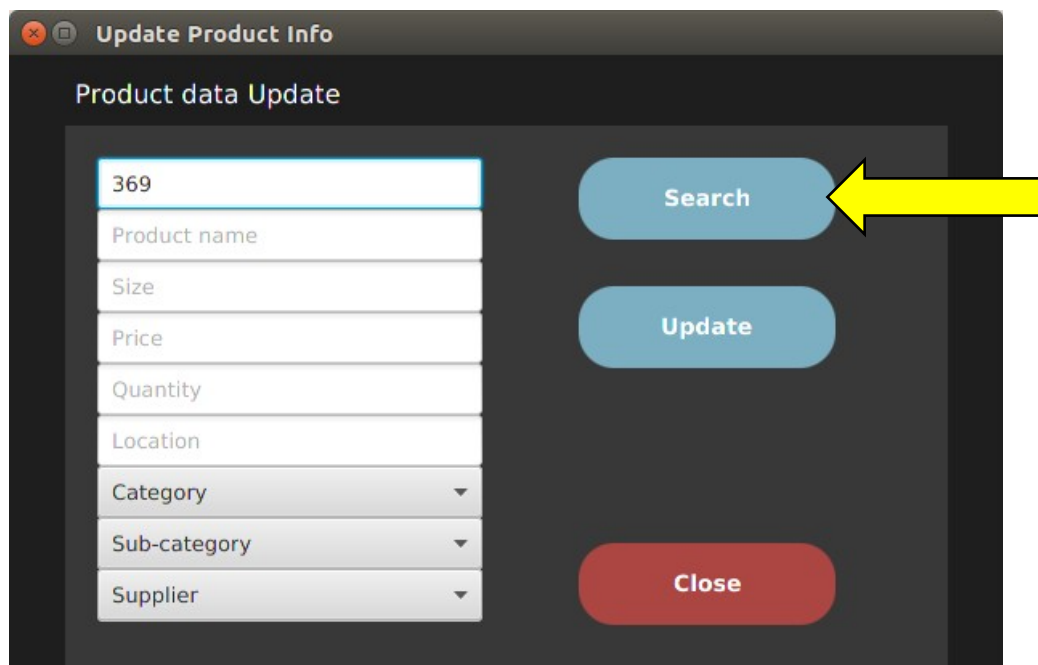


The screenshot shows a window titled "Update Product Info" with a subtitle "Product data Update". On the left, there is a vertical stack of input fields: a text box at the top, followed by "Product name", "Size", "Price", "Quantity", "Location", "Category" (with a dropdown arrow), "Sub-category" (with a dropdown arrow), and "Supplier" (with a dropdown arrow). On the right, there are three buttons: "Search" (blue), "Update" (blue), and "Close" (red).

Image 31

Insert the product-ID you'd like to update and click the "Search" button. Then modify the field or fields you like and click the "Update" button.

See the following images depicting the update procedure for a product's information.



This screenshot is similar to Image 31, but the top text input field now contains the value "369". A yellow arrow points to the "Search" button, indicating the next step in the process. The "Update" and "Close" buttons remain visible below it.

Image 32

The screenshot shows a window titled "Update Product Info" with a subtitle "Product data Update". It contains a form with the following fields: a text input with "369", a text input with "knife", a text input with "M", a text input with "15.0", a text input with "11", a text input with "rack A-8", a dropdown menu with "Outdoor-Camping", a dropdown menu with "Survival-Emergency", and a dropdown menu with "DIMI company". To the right of the form are three buttons: "Search" (blue), "Update" (blue), and "Close" (red). Two yellow arrows point to the "11" and "rack A-8" fields.

Image 33

The user needs to change the quantity and the storage location of the product.

The screenshot shows the same "Update Product Info" window. The fields now contain: "369", "knife", "M", "15.0", "20", "rack 17", "Outdoor-Camping", "Survival-Emergency", and "DIMI company". The "Update" button is highlighted with a yellow arrow. Two yellow arrows point to the "20" and "rack 17" fields.

Image 34

In the Image above the user has modified the quantity and the storage location of the product. Now the user clicks the "Update" button and the following window pops-up (Update Product Info Successful!).

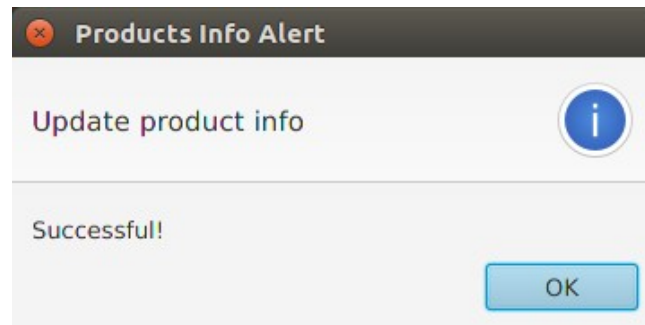


Image 35

### **Delete Product**

In order to delete a product in the inventory you should open the products feature and click the “Inventory Manager” button.

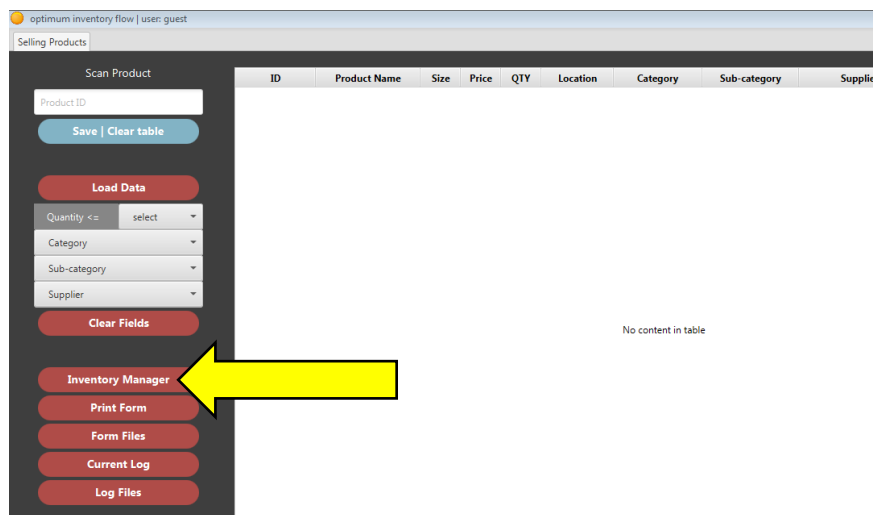


Image 36

Optimum Inventory Flow 2020  
Version 1.0

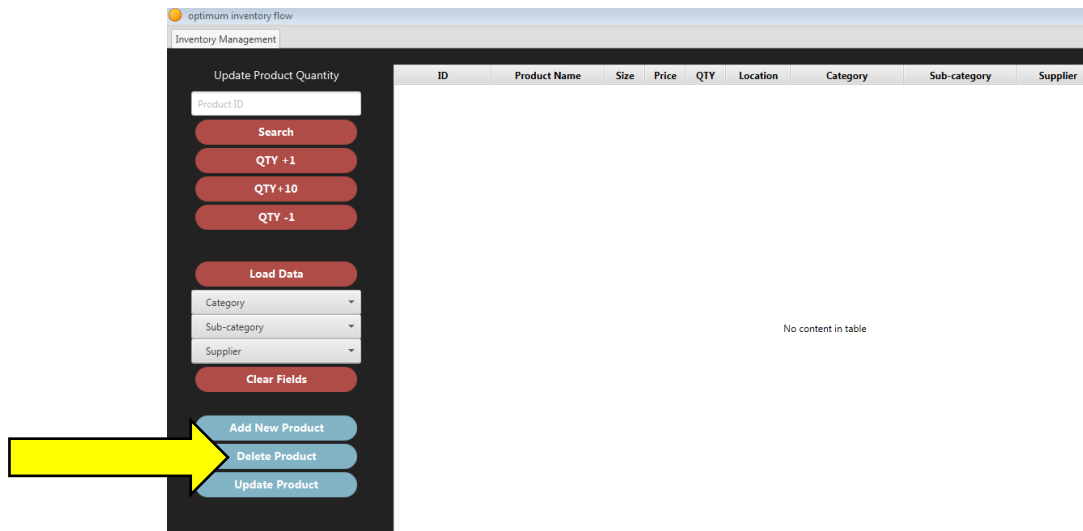


Image 37

In the inventory manager view, click the button “Delete product” (see Image above). The following screen should appear.

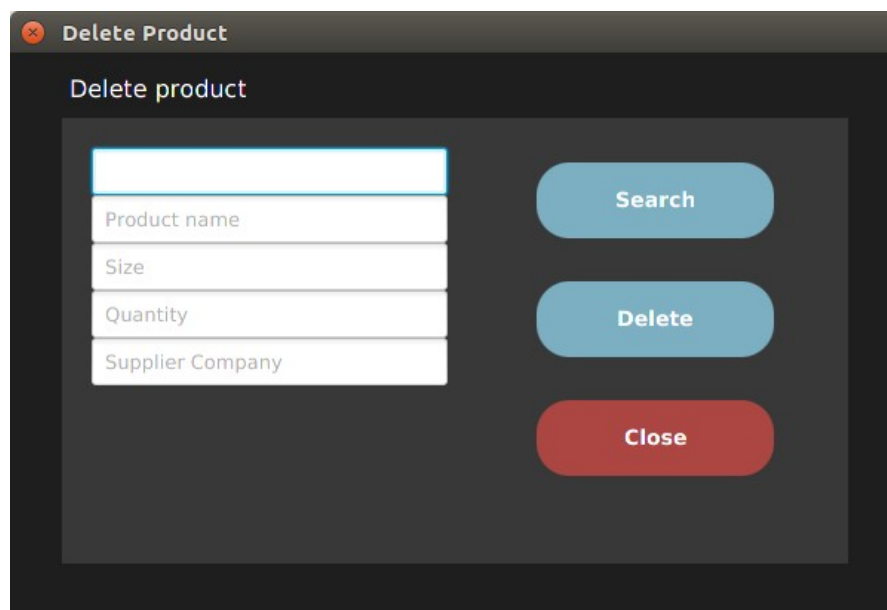


Image 38

Insert a valid product ID and click Enter on your keyboard or the “Search” button.

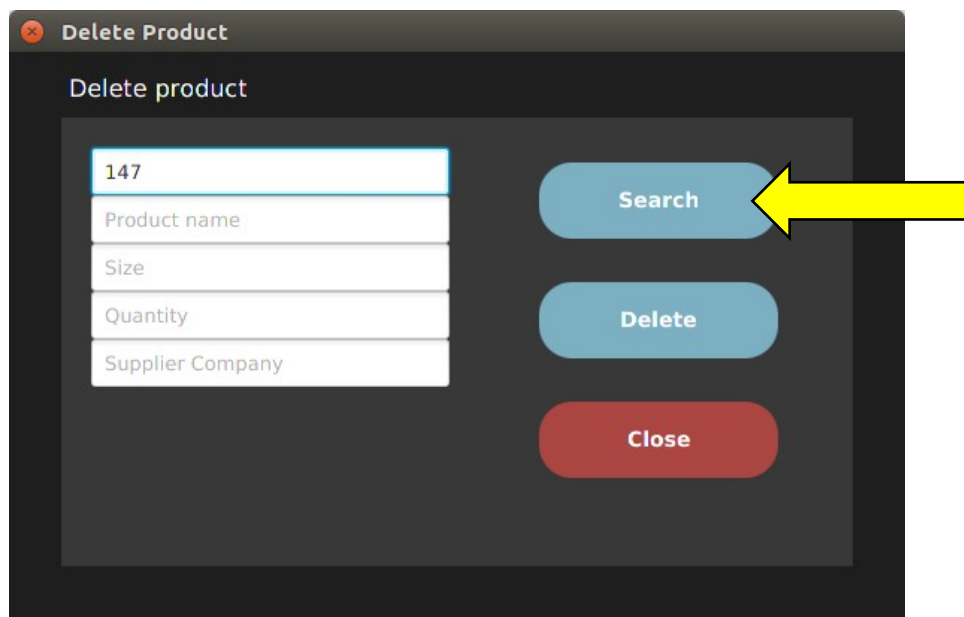


Image 39

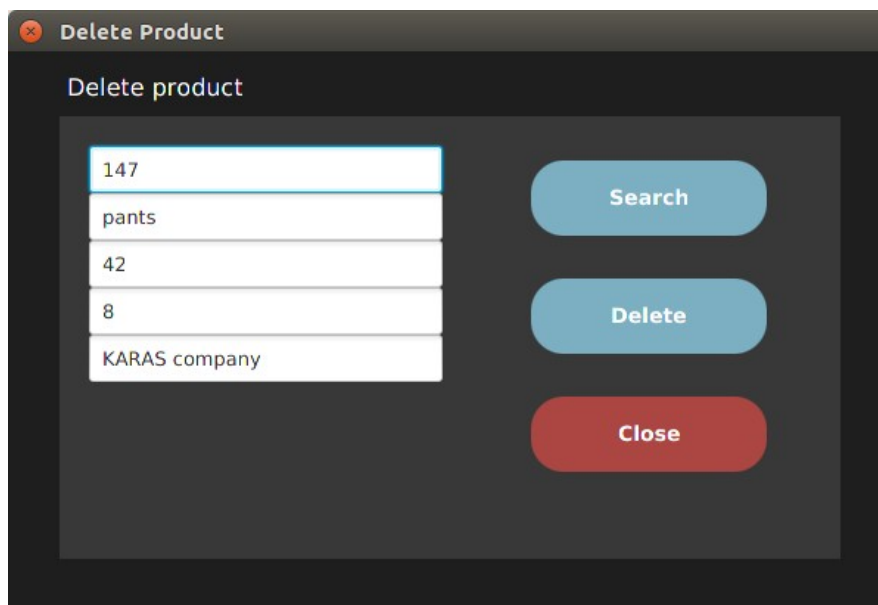


Image 40

If this is the product you want to delete click the “Delete” button.

A Confirmation window pops-up and you have to reply. If you answer “Yes”, the user will be deleted. See the image below.

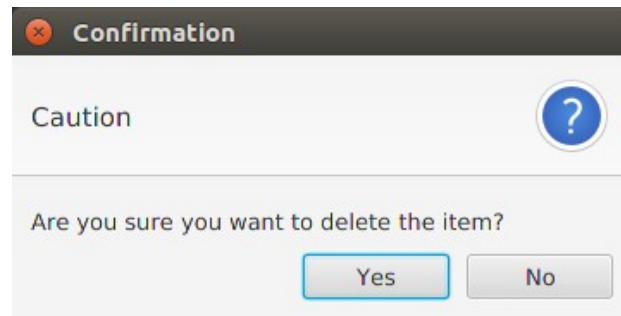


Image 41

## 2.4 Alerts Configuration

In the admin panel, click the “Settings” button.

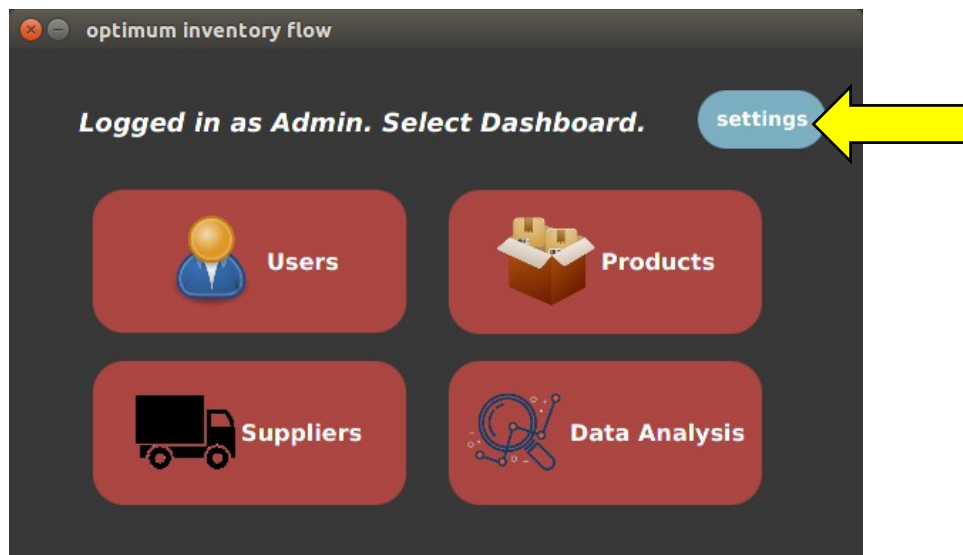


Image 42

The settings table should appear (see image below). There you insert the appropriate quantity limits of your choice for each category and click “Save” button.

When a product of the category reaches the quantity limit for the specific category, an alert will pop-up to inform you. Also the low limit alert for the category will be logged in the current day’s log.



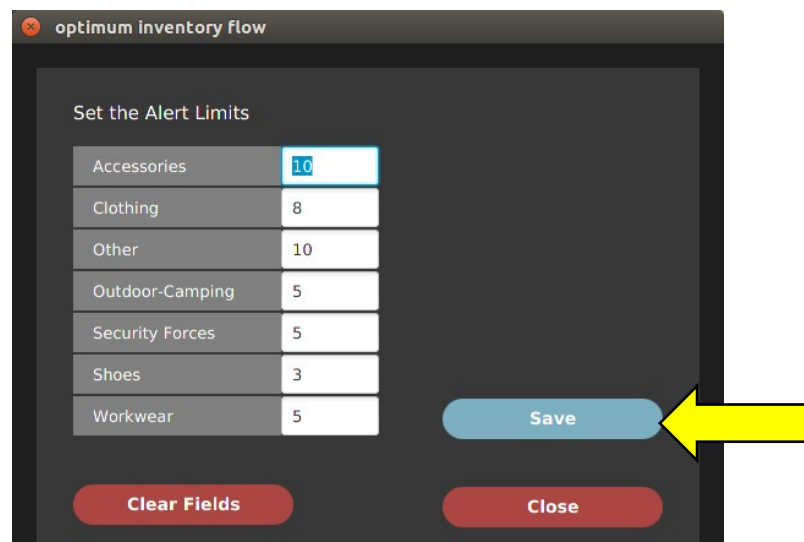


Image 43

After clicking the “Save” button the following window will appear to inform you that the update of the quantity limits was successful.

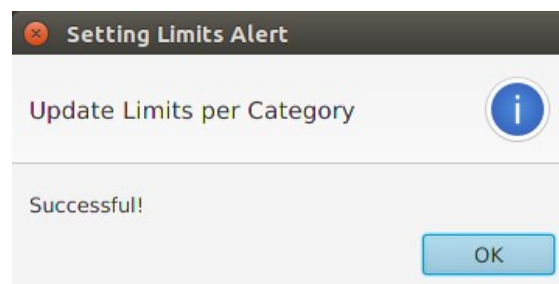


Image 44

In the Image below you can see an example of the log with some categories having products in low quantity (below limits settings).

You can open this log file by opening the products dashboard and clicking the “Current Log” button.

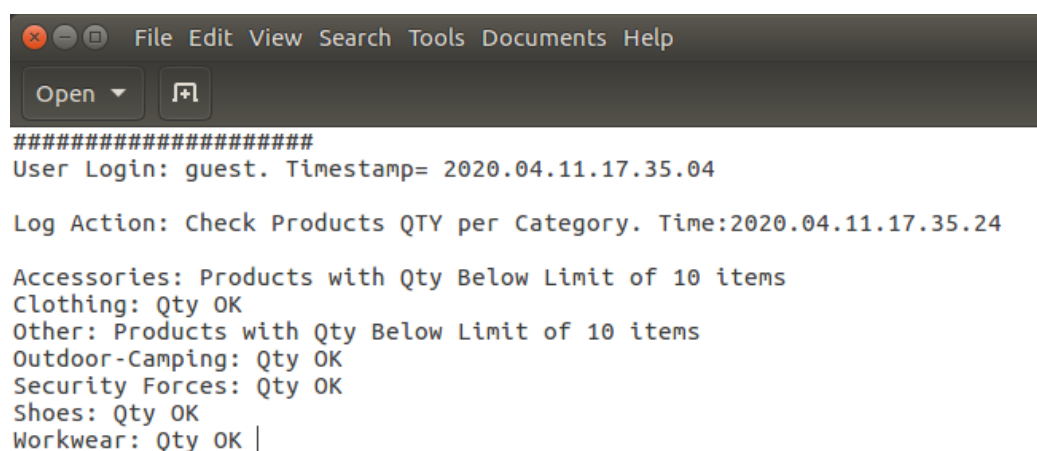


Image 45

## 2.5 Install or Update Java

Follow the steps described below only if there is a JAVA related error in your system causing crashes of optiflow.

The procedure for Java Updates is described below.

### Windows OS

**1<sup>st</sup> Step.** Find the Java Control Panel (Java 7 Update 40 and later versions)

Starting with Java 7 Update 40, you can find the Java Control Panel through the Windows Start menu.

1. Launch the **Windows Start** menu
2. Click on **Programs (All Apps)** on Windows 10)
3. Find the **Java** program listing
4. Click **Configure Java** to launch the Java Control Panel

**2<sup>nd</sup> Step.** Enable the latest installed version of Java in the Java Control Panel

1. In the Java Control Panel, click on the **Java** tab.
2. Click **View** to display the Java Runtime Environment Settings
3. Verify that the latest Java Runtime version is enabled by checking the **Enabled** box.

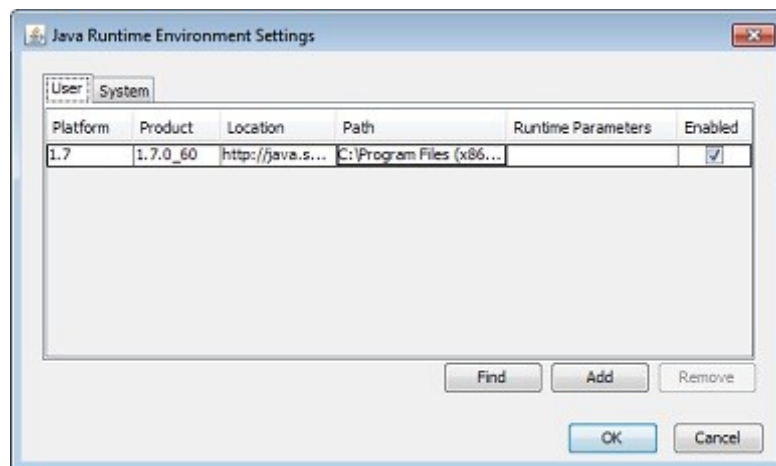


Image 46

4. Click **OK** to save settings
5. Click **OK** in Java Control Panel window to confirm changes and close the window.
6. Try to run optiflow again.

If you need any further help click [here](#) to access online help.

## Linux OS

Open a terminal (*Ctrl + Alt + t*) and type:

```
sudo add-apt-repository ppa:webupd8team/java  
sudo apt-get update  
sudo apt-get install oracle-java8-installer  
sudo apt install oracle-java8-set-default
```

Or for Java version 10:

```
sudo apt install oracle-java10-installer  
sudo apt install oracle-java10-set-default
```

Now, please try to run optiflow again.

If you need any further help click [here](#) to access online help.

## Part 3. Main Use

