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Operating Instructions KERN EasyTouch

EasyTouch Classification User manual

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GB



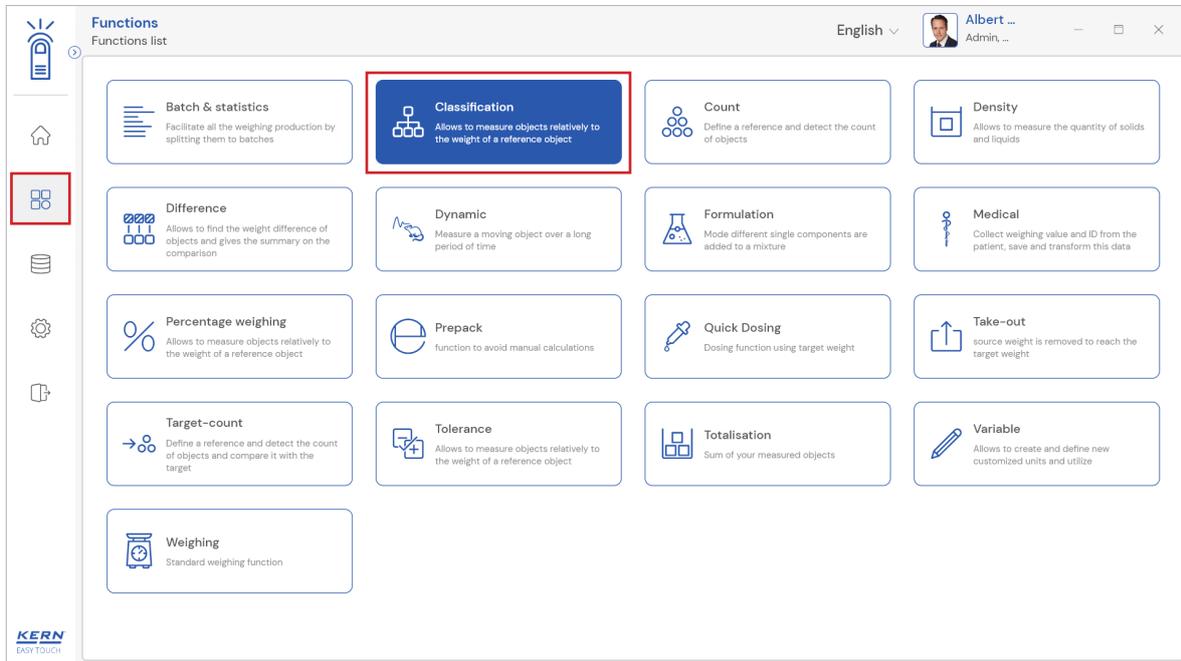
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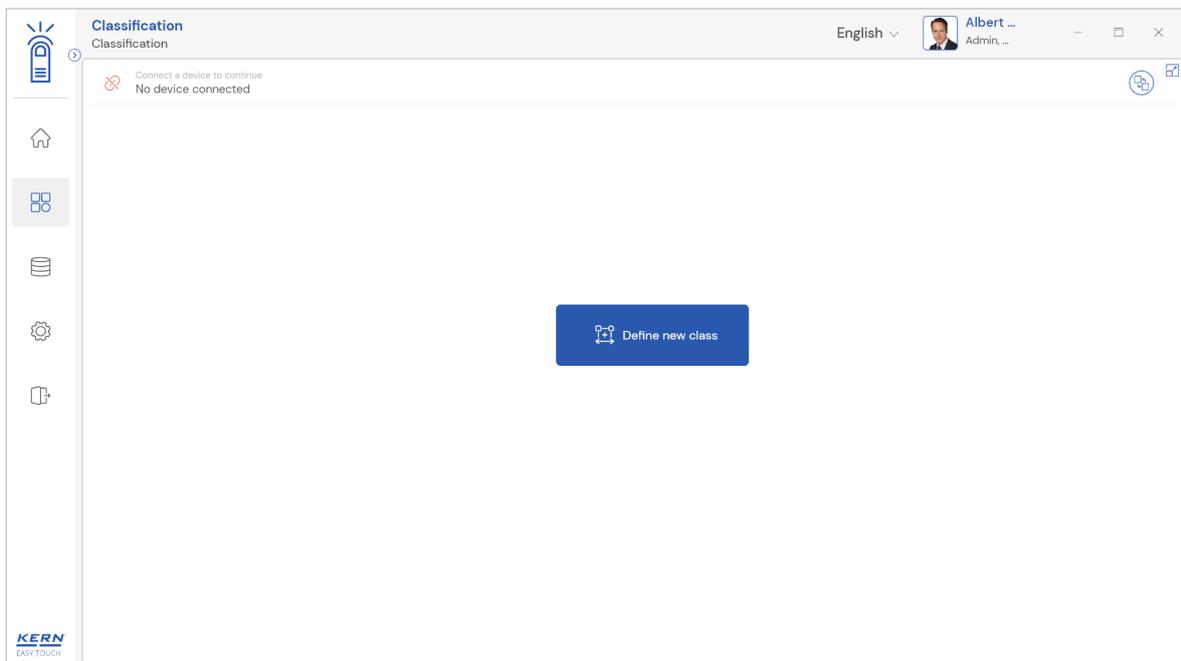
1.0 Introduction to classification

With the classification function, objects can be divided in certain weight categories. These weight categories can be freely determined.

- Click on the function menu from the main menu.
- The function list screen will open. Click on the classify function from the function list.



- The classification screen appears. You can define a new class by clicking the “define new class” field.

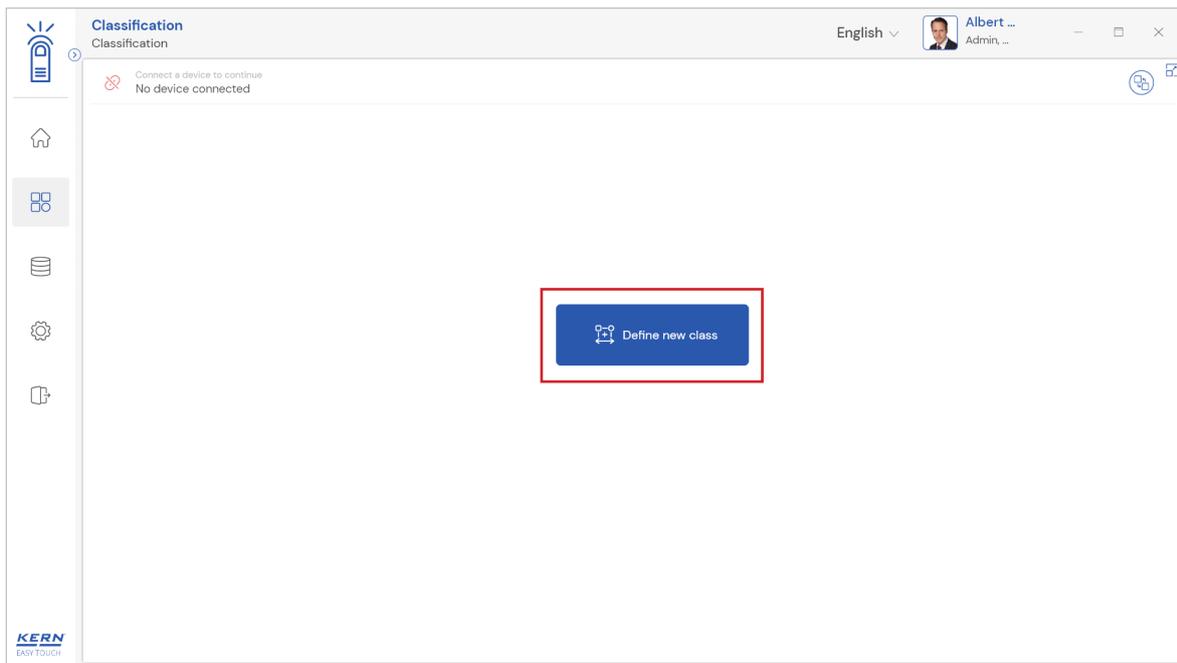


1.1 Define new class

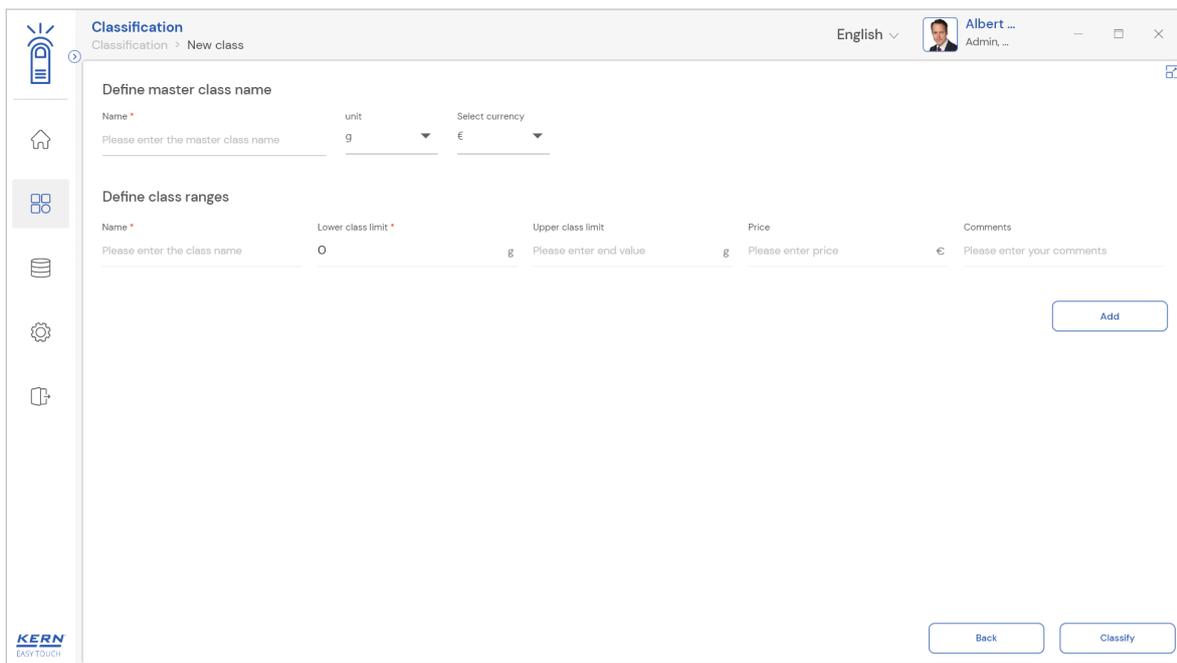
In the case of a new user, no predefined classes will appear; the user has to create their own master class.

- Clicking on the “define new class” which will be highlighted with action color allows the user

to define a new class.



- Upon clicking on the “define new class” prompts you to the screen for entering the data of the new master class, where the user has to fill in the following details.



Master class name: The user can enter a class name to stay unique and search based on the class defined.

Class unit: User can define the unit which will be applied for the subclasses user can choose between either gram or kilogram.

Currency: User can define the currency will be applied for the subclasses.

Classification
Classification > New class

English | Albert ... Admin, ...

Define master class name

Name * Sanitizers | unit g | Select currency €

Define class ranges

Name *	Lower class limit *	Upper class limit	Price	Comments
Sanitizers 1	0	g Please enter end value	g Please enter price	€ Please enter your comments

Buttons: Add, Back, Classify

- After the user defines the name, unit, and currency, the subclass will display the defined properties.
- The name of the subclass is auto populated based on the masterclass name.

Classification
Classification > New class

English | Albert ... Admin, ...

Define master class name

Name * Sanitizers | unit g | Select currency €

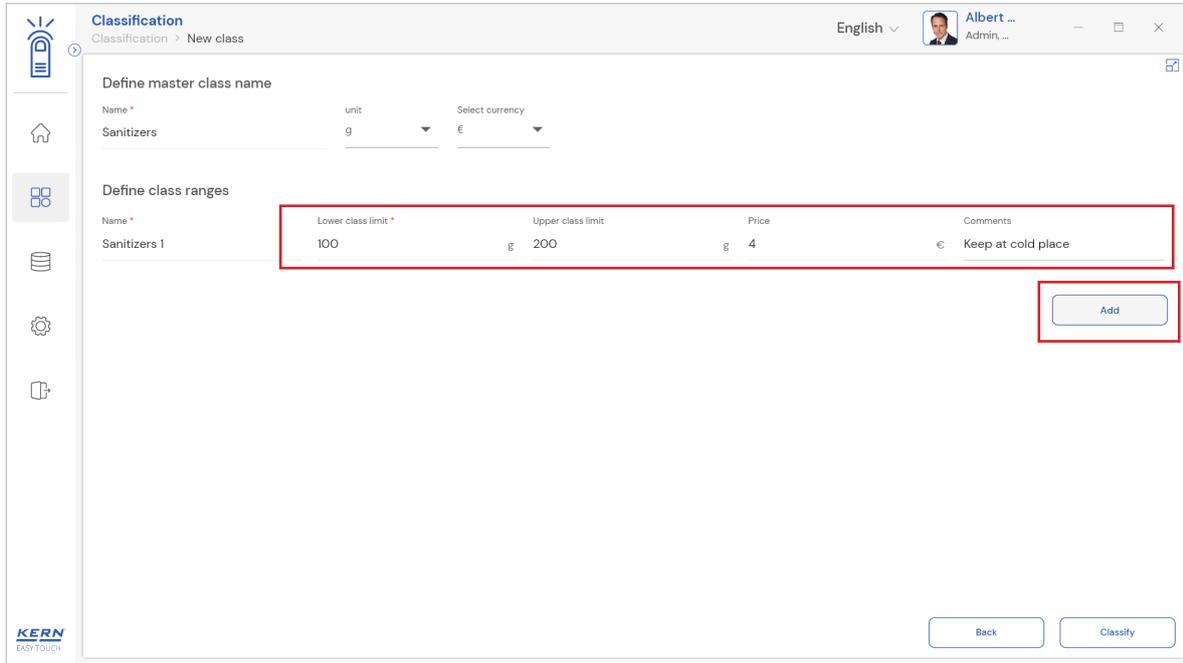
Define class ranges

Name *	Lower class limit *	Upper class limit	Price	Comments
Sanitizers 1	0	g Please enter end value	g Please enter price	€ Please enter your comments

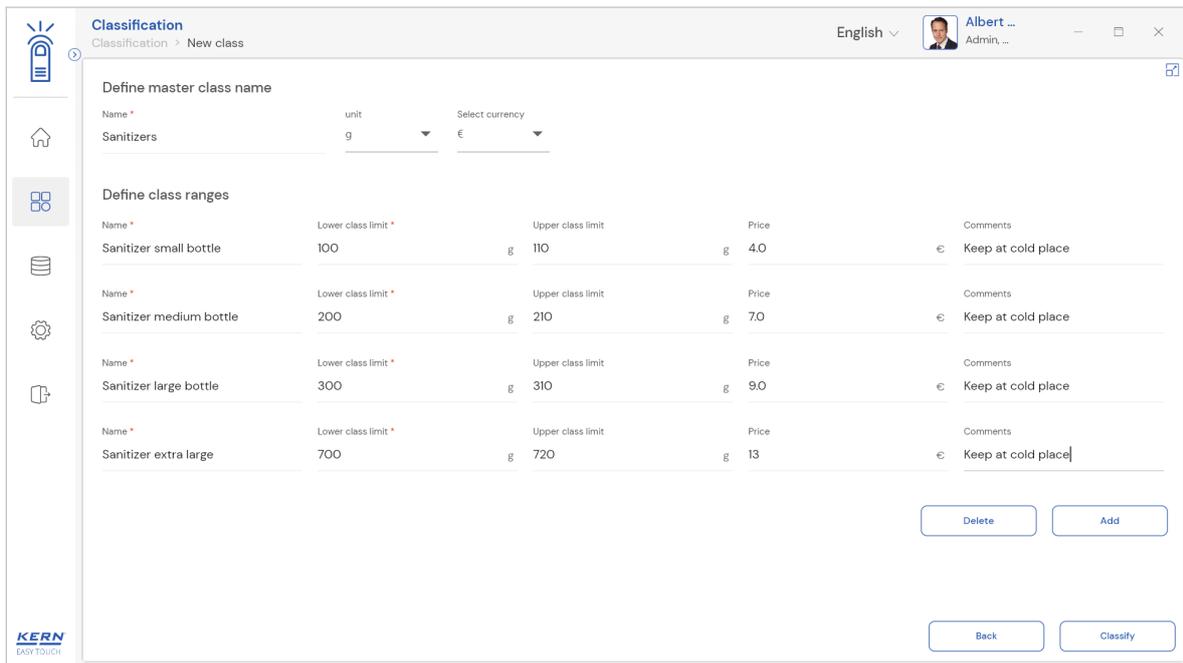
Buttons: Add, Back, Classify

Lower and upper class limits: Now the user can define the lower-class limit and upper class limit and the price to state the objects with price based on the weight.

Comments: User can provide the comment which is a short description briefing the subclass which is created.



- Click the add button once the first subclass has been created.
- Upon clicking on “add button” the input fields for the next sub class will appear. Enter the second weight category on the same manner.
- Repeat the same steps to add the multiple sub classes for the master class



Delete: Upon clicking on the delete button, the created subclass will be deleted.

Classification
Classification > New class

English | Albert ... Admin ...

Define master class name

Name * Sanitizers unit: g Select currency: €

Define class ranges

Name *	Lower class limit *	Unit	Upper class limit	Unit	Price	Unit	Comments
Sanitizer small bottle	100	g	110	g	4.0	€	Keep at cold place
Sanitizer medium bottle	200	g	210	g	7.0	€	Keep at cold place
Sanitizer large bottle	300	g	310	g	9.0	€	Keep at cold place
Sanitizer extra large	700	g	720	g	13.0	€	Keep at cold place

Buttons: Delete (highlighted), Add, Back, Classify

Classification
Classification > New class

English | Albert ... Admin ...

Define master class name

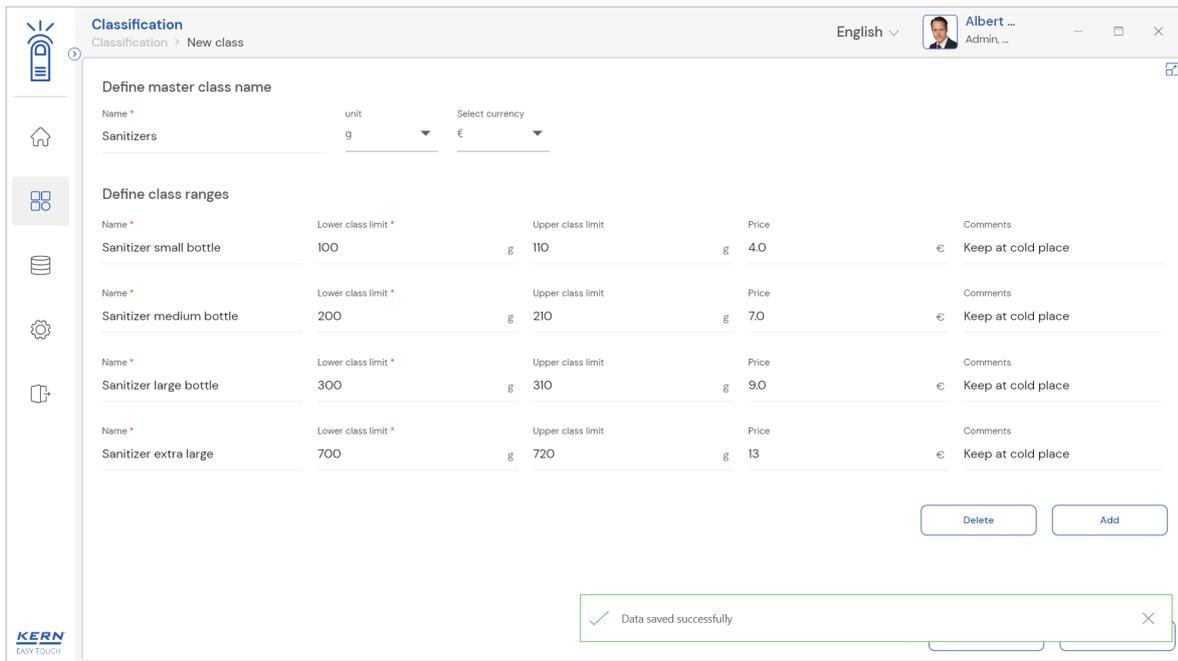
Name * Sanitizers unit: g Select currency: €

Define class ranges

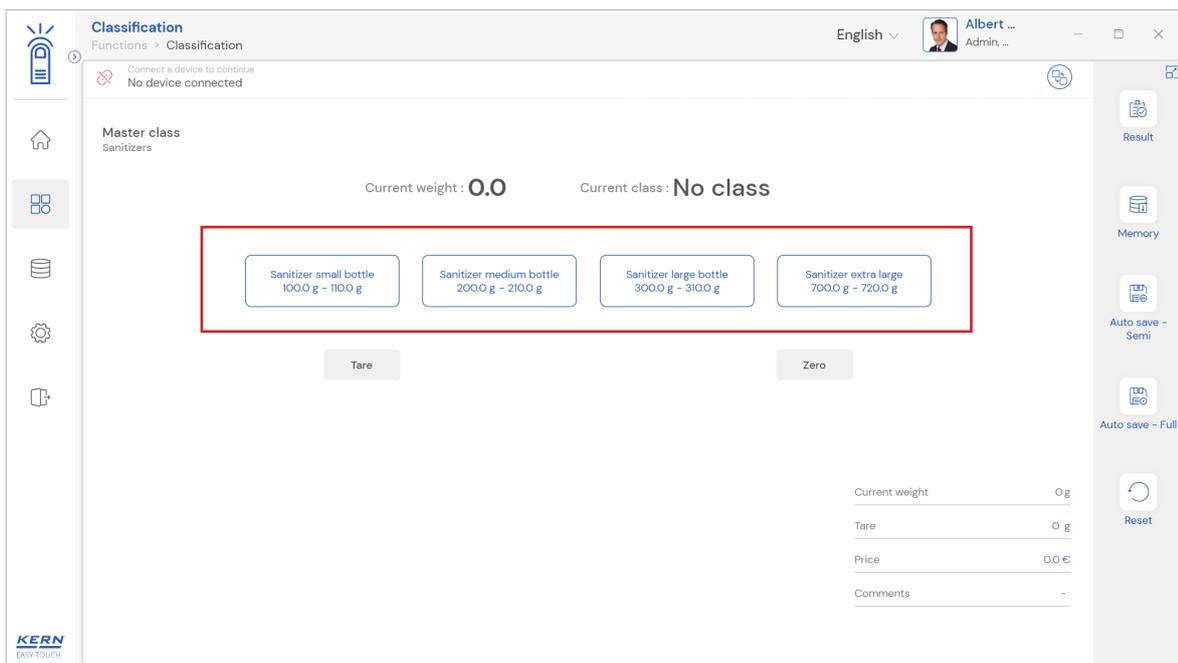
Name *	Lower class limit *	Unit	Upper class limit	Unit	Price	Unit	Comments
Sanitizer small bottle	100	g	110	g	4.0	€	Keep at cold place
Sanitizer medium bottle	200	g	210	g	7.0	€	Keep at cold place
Sanitizer large bottle	300	g	310	g	9.0	€	Keep at cold place

Buttons: Delete, Add, Back, Classify (highlighted)

- When all weight categories of this master category are entered, finish the input with the button “classification”.

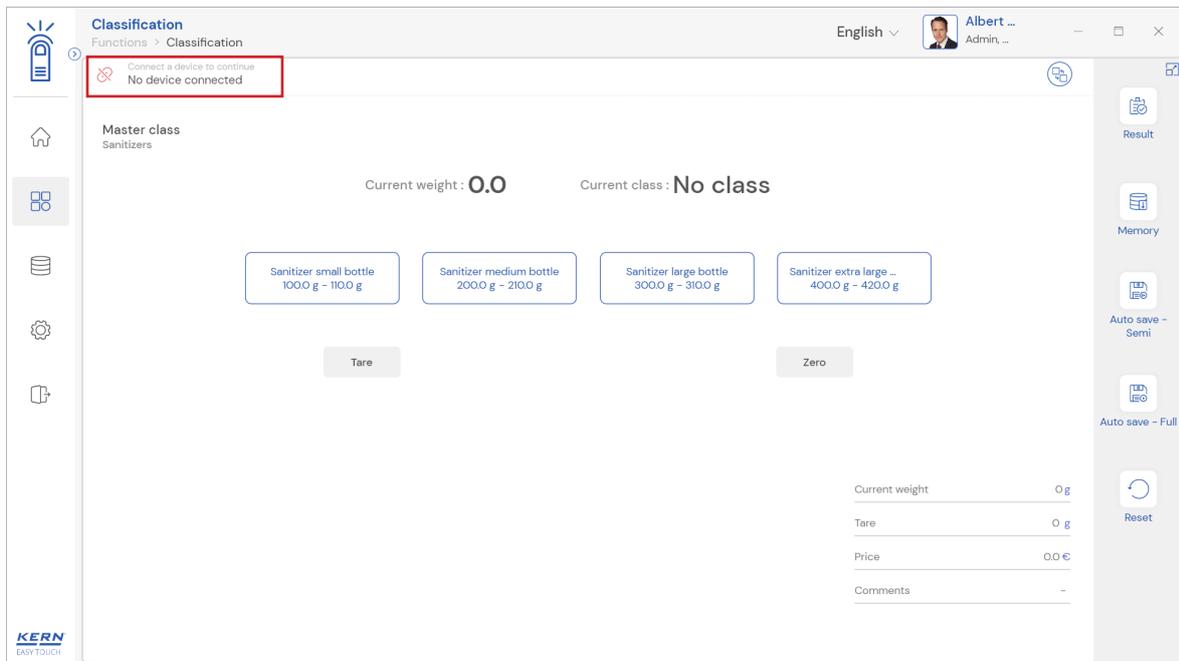


- The entered weight categories are now displayed, and you start the classification for this master category.

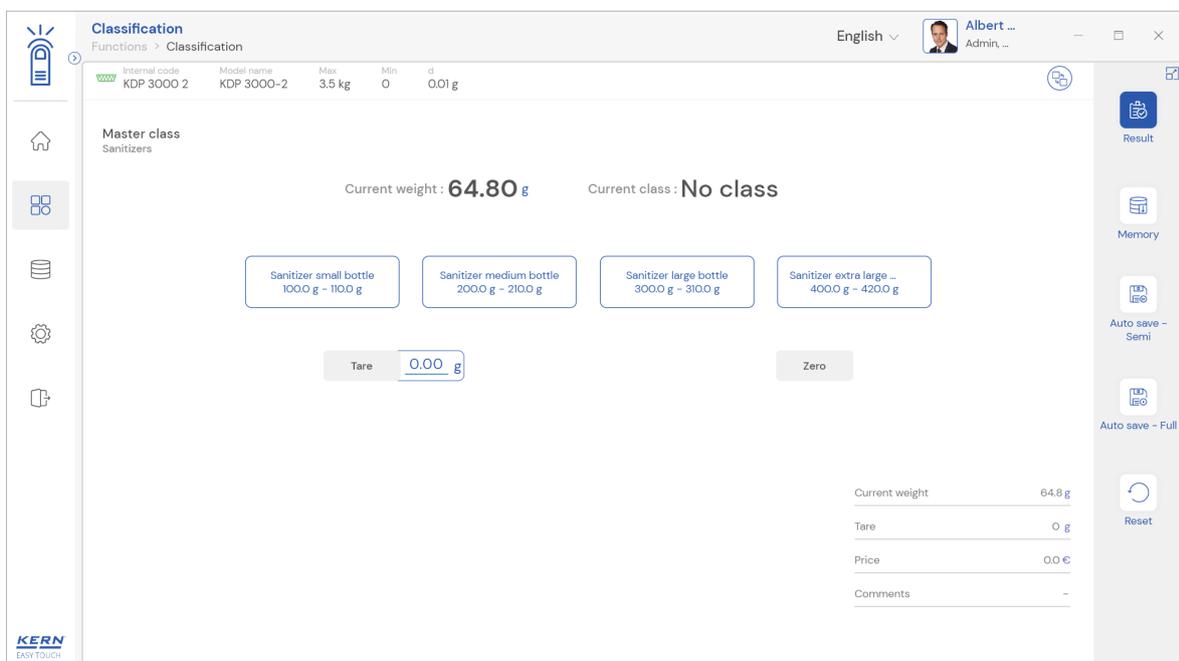


2.0 Device features

The device features can be utilized upon connecting the device with the weighing scale.

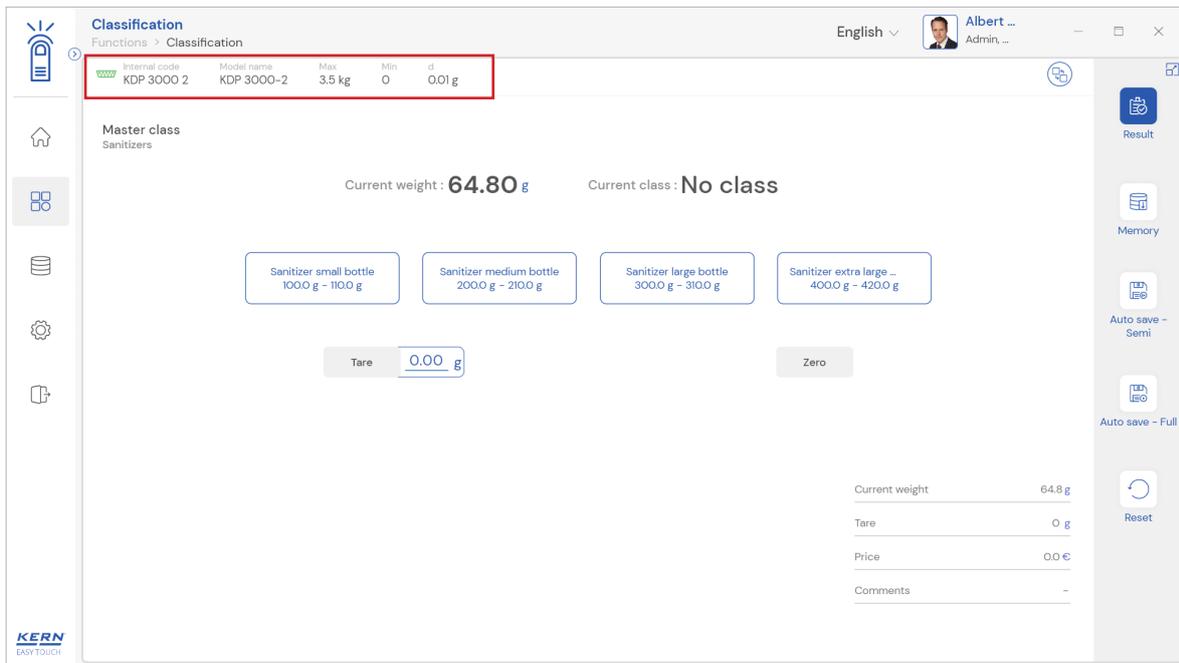


- Indication of “no device being connected” will be displayed.
- The functional features will be displayed in the right-hand side of the screen
- The provision to minimize and maximize were also being given in the upper right corner of the screen to get a full view mode
- Now connect a device to proceed with weighing of an object by clicking on the “connect a device to continue”
- Connect a device which is physically connected to the system and now the weighing mode is activated, and screen looks as per the below.



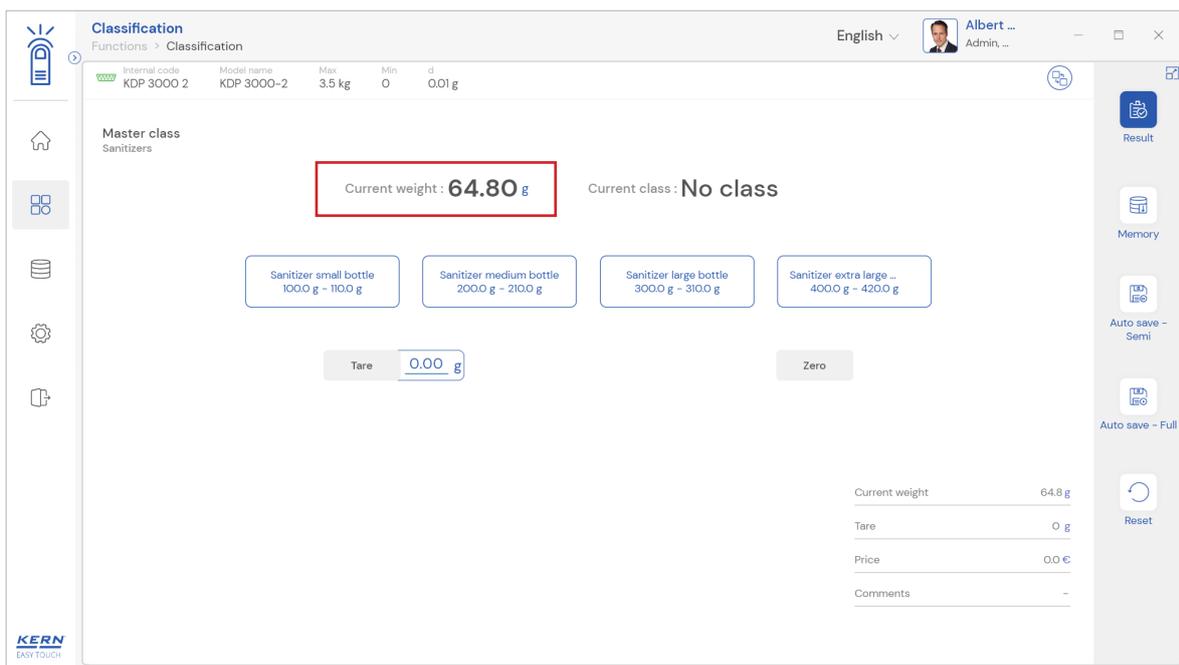
2.1 Device details

The system will display the prominent details of the device as such internal code, model name, min, max, d and e value (in case of verified weighing scale) once the device is connected.



2.2 Net value

The weight on the scale would be displayed with the default unit in gram.



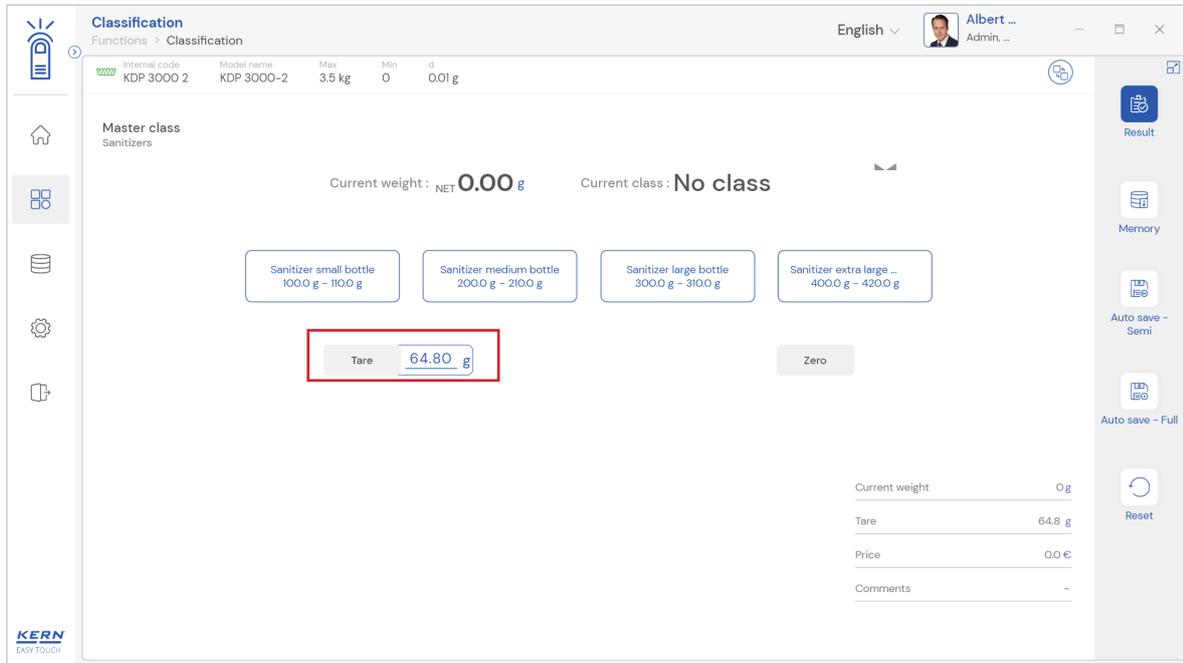
2.3 Tare

User can utilize the tare in two ways

2.3.1 Auto tare

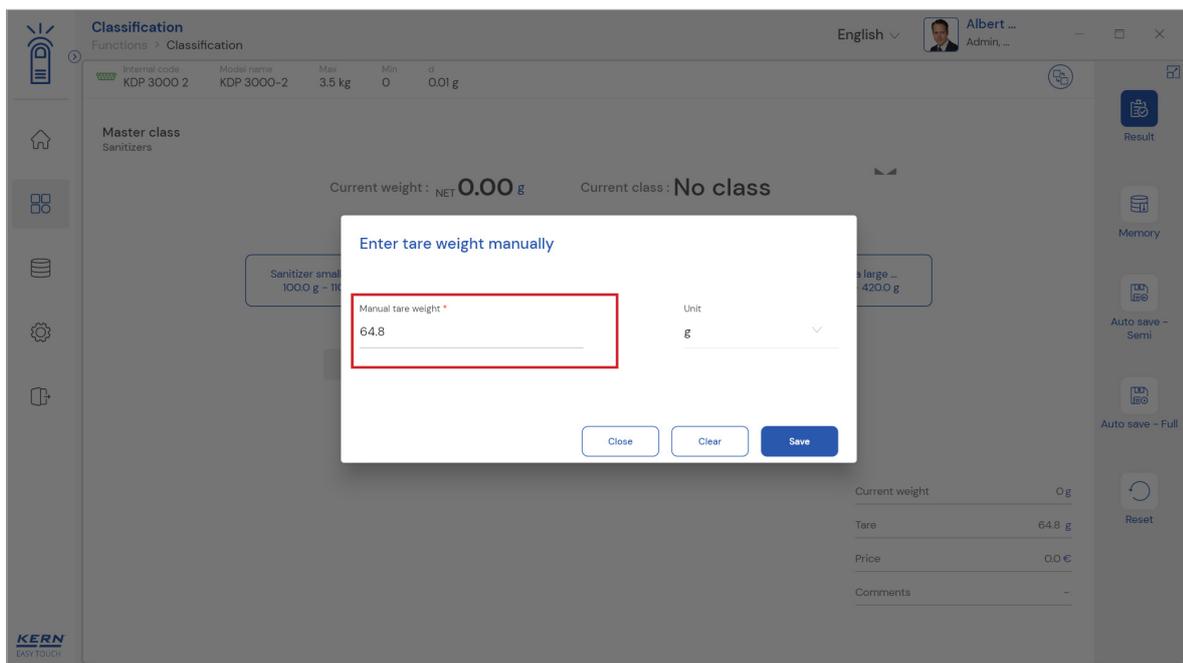
Place weight on the scale and press the tare button. The weight on the scale would be tared.

English



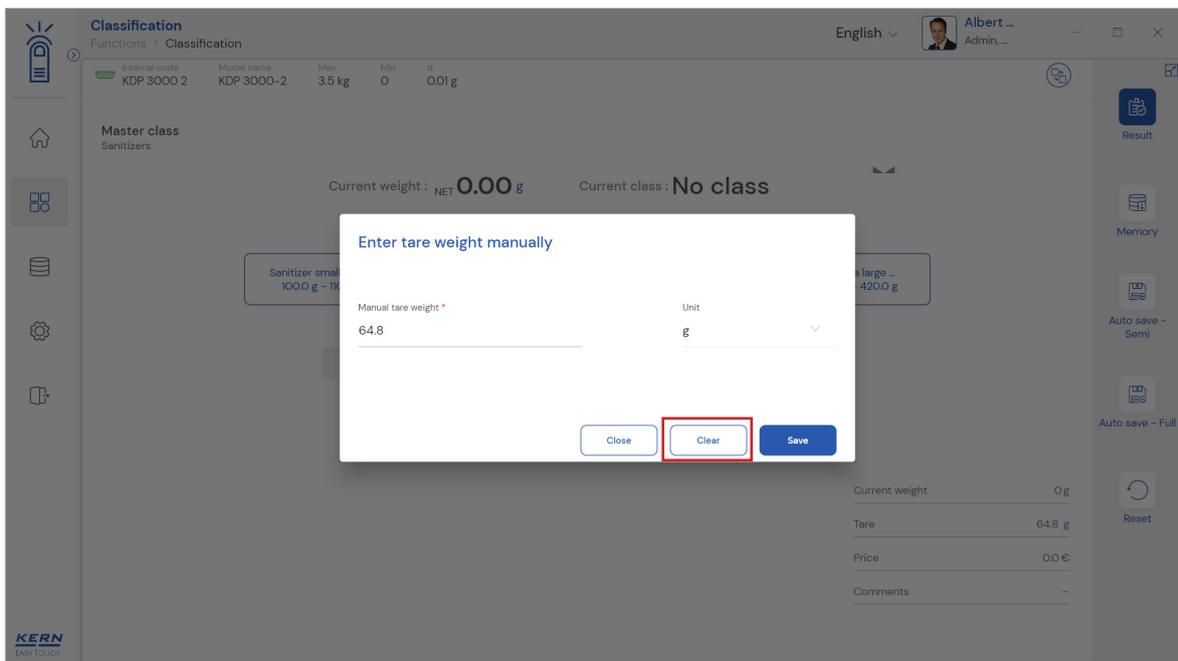
2.3.2 Manual tare

Click on the hyperlink against the tare and enter the manual tare weight, unit can be changed and saved.



2.3.3 Delete tare value

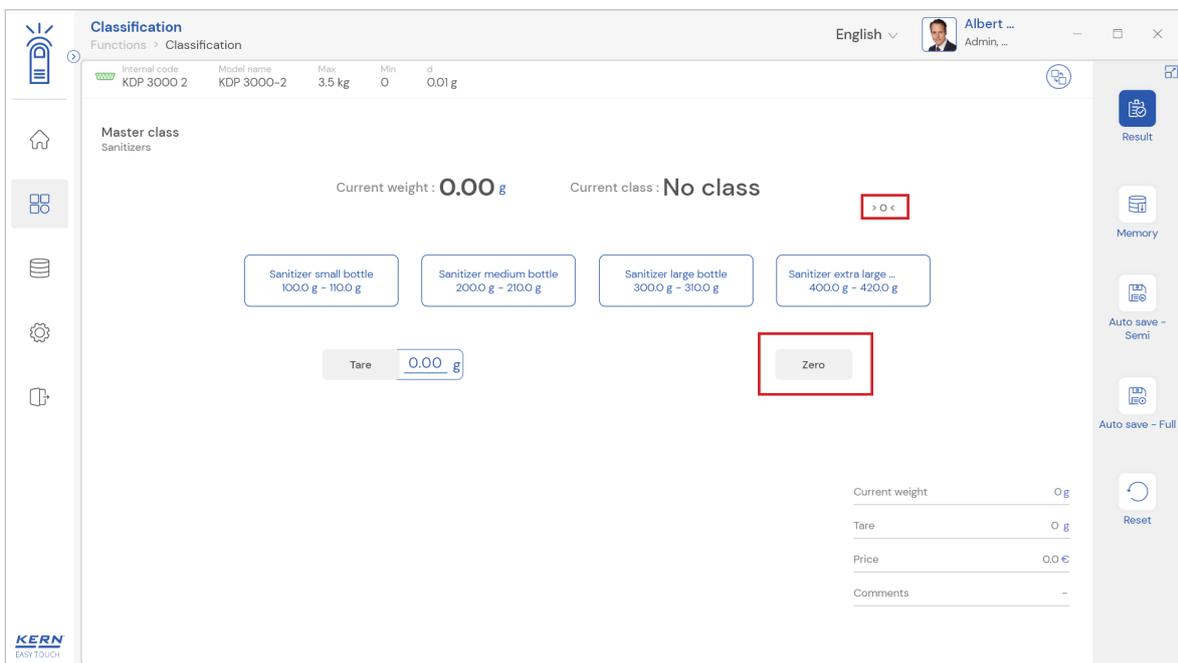
Click on the clear to delete the tare value manually or remove the weight on the scale and click on the zero button.



English

2.4 Zero

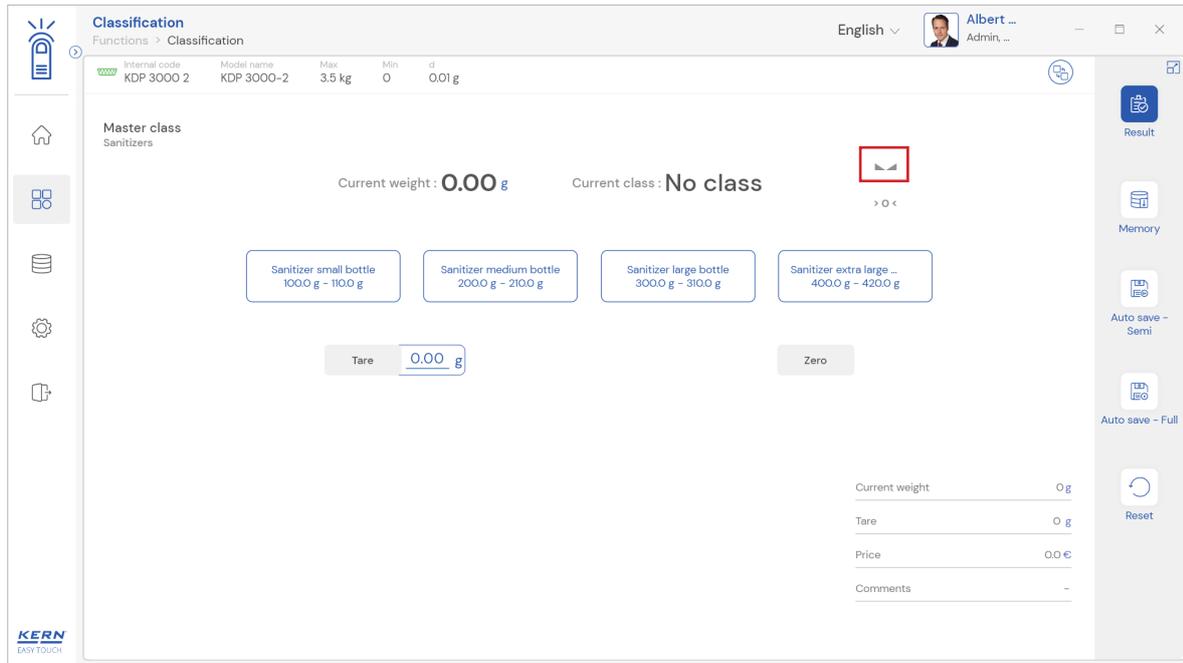
The zero is used to remove the unwanted weight from dust, rust, or other build-ups. This is used when there is nothing on the scale, but the reading doesn't display zero. The expected is to set the weight measurement starting from zero. The zero will be indicated by the zero indicator.



Kindly note, the zero works only when the weight on the scale is less than 2.5 % of the max value of the device.

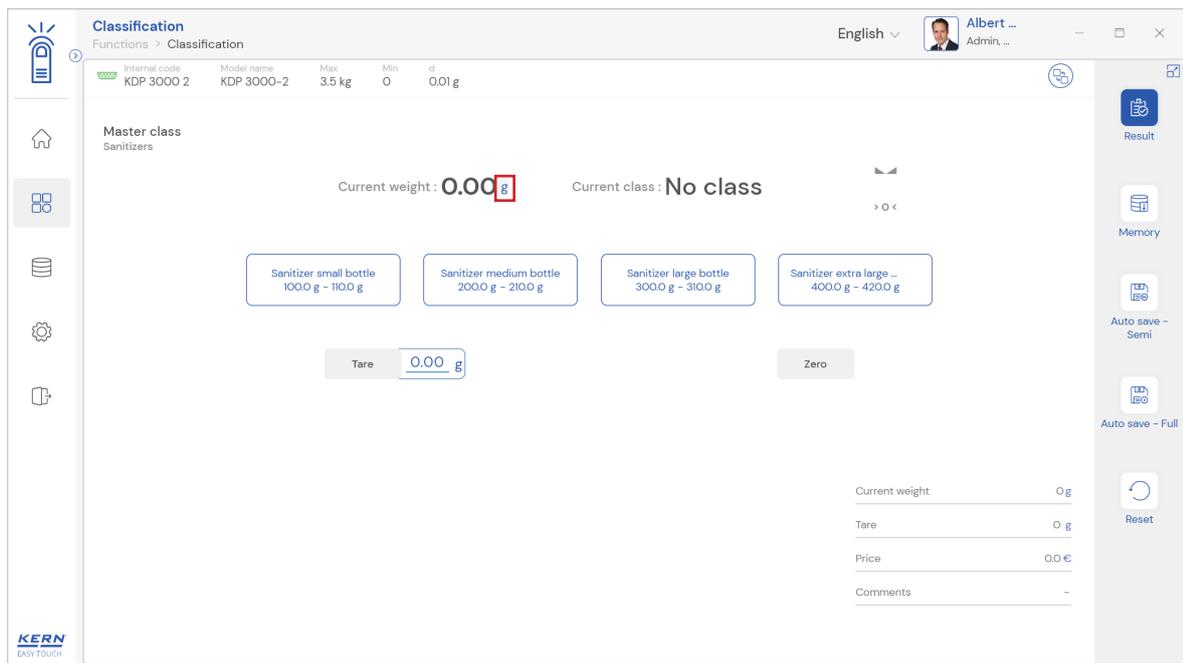
2.5 Stability

The stable indicator will be displayed once the weight on the scale gets stabilized.

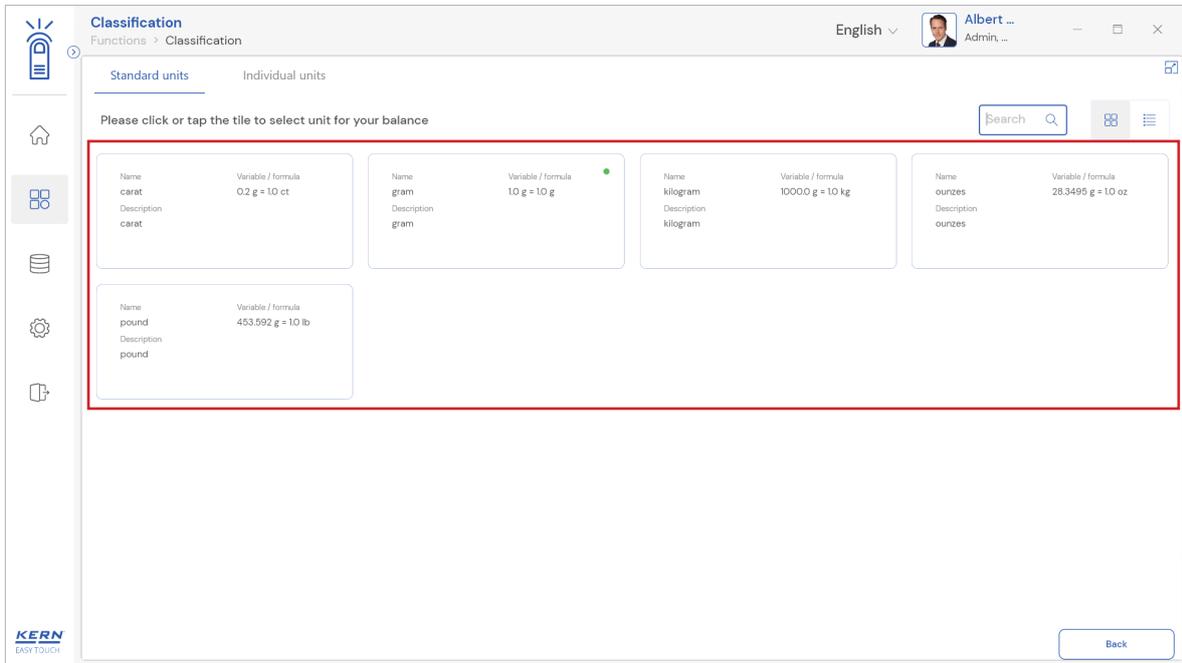


2.6 Unit change

User has been offered with some of the frequently used units by default units. This can be accessed by clicking on the unit on the weighing screen.



By accessing the unit, the user gets this screen to swap the unit in case if required. The respective unit can be accessed by the click.

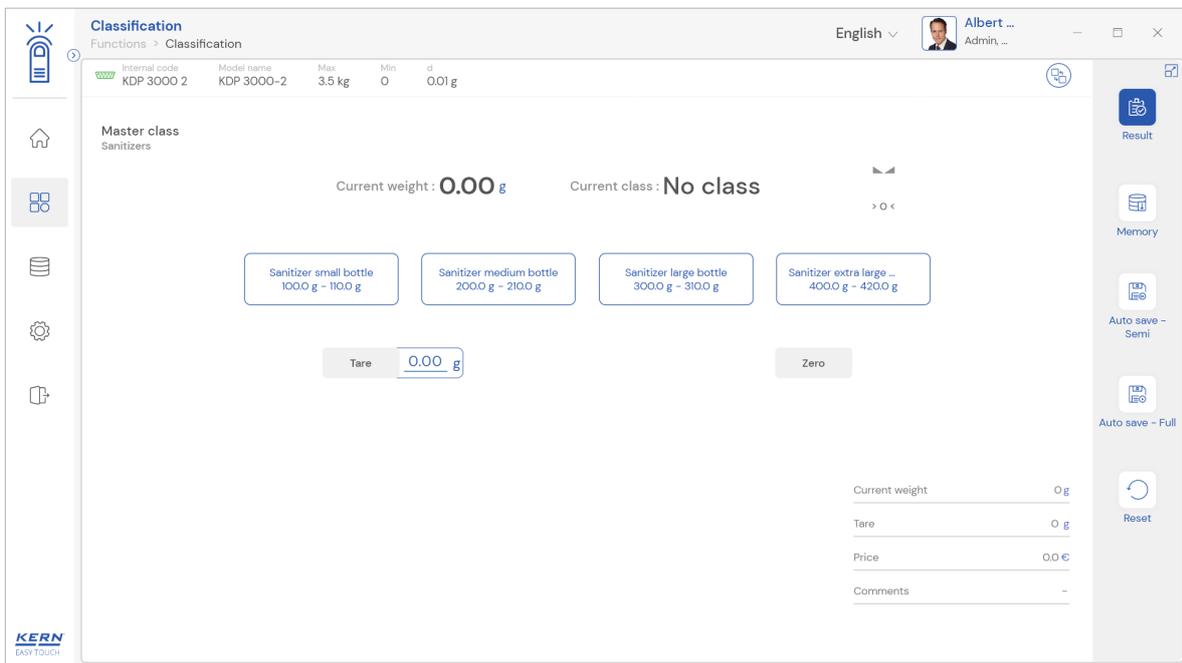


English

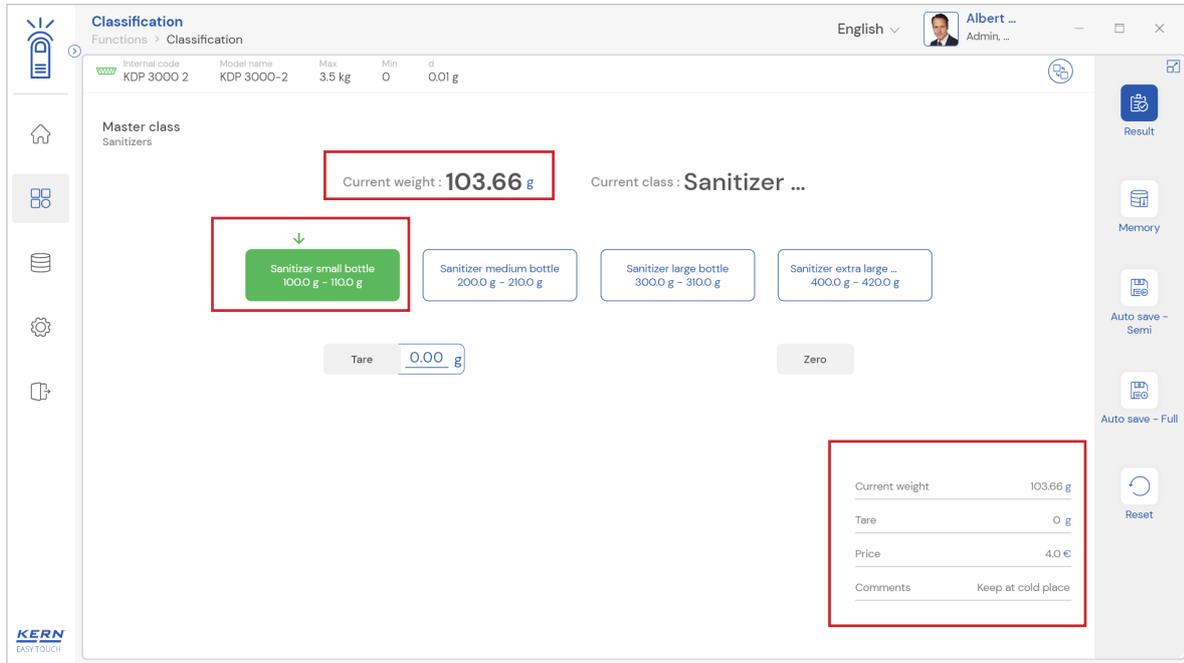
3.0 Functional features

3.1 Classification

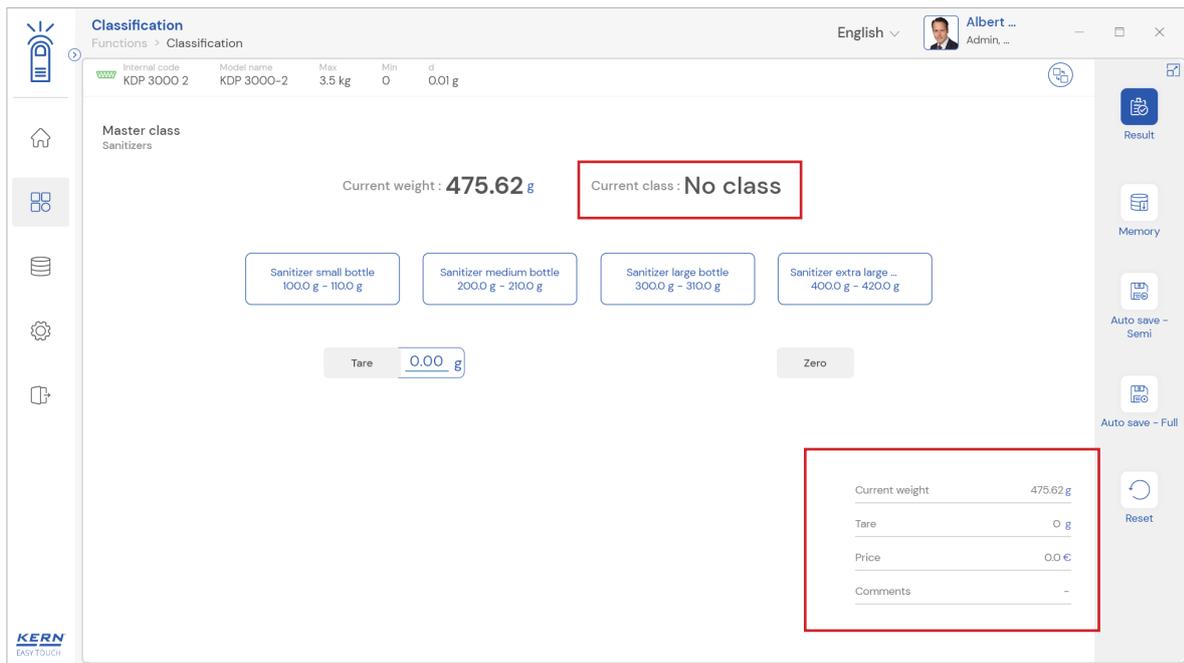
- Choose a class which is created or already existing and click on “classification” to commence the classification.



- Place the weighing goods on the scale, in the display the weight of the goods and the respective weight category of the goods will appear based on the class chosen.
- In response to the weight placed, the current class will be highlighted in green. The price and weight of the current class will be displayed accordingly.



- If the placed weight is not included or in alignment with the class limit defined, then the system automatically displays as “no class” and the user can put it to defective or refill or reduce and classify again.

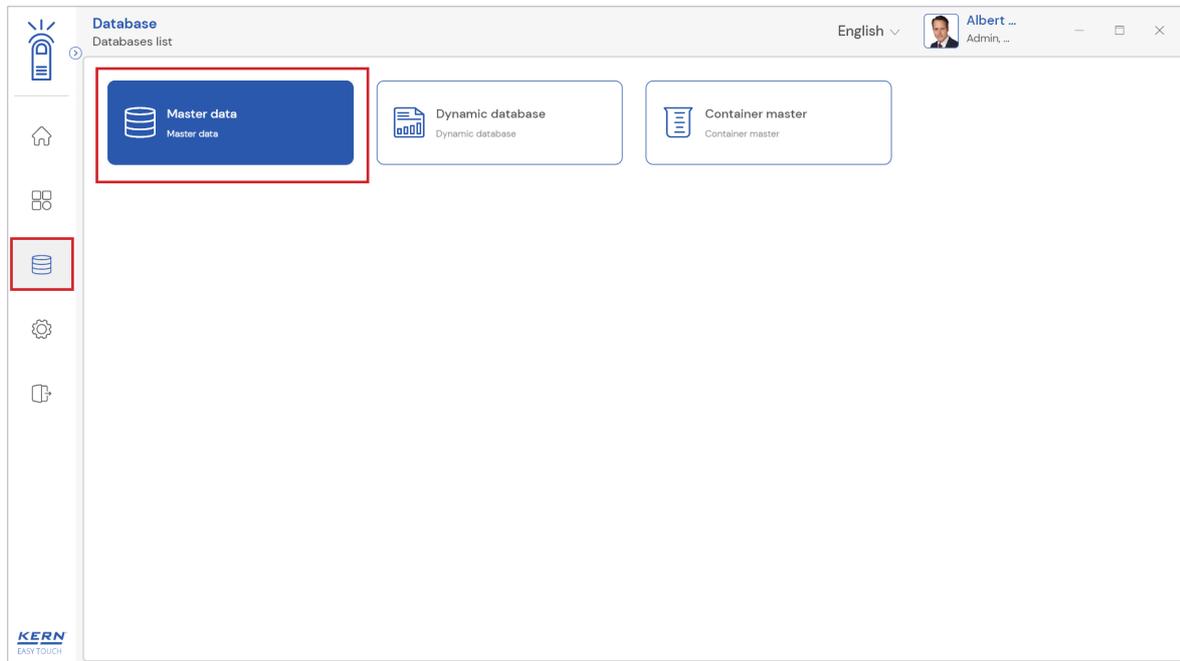


3.2 Memory

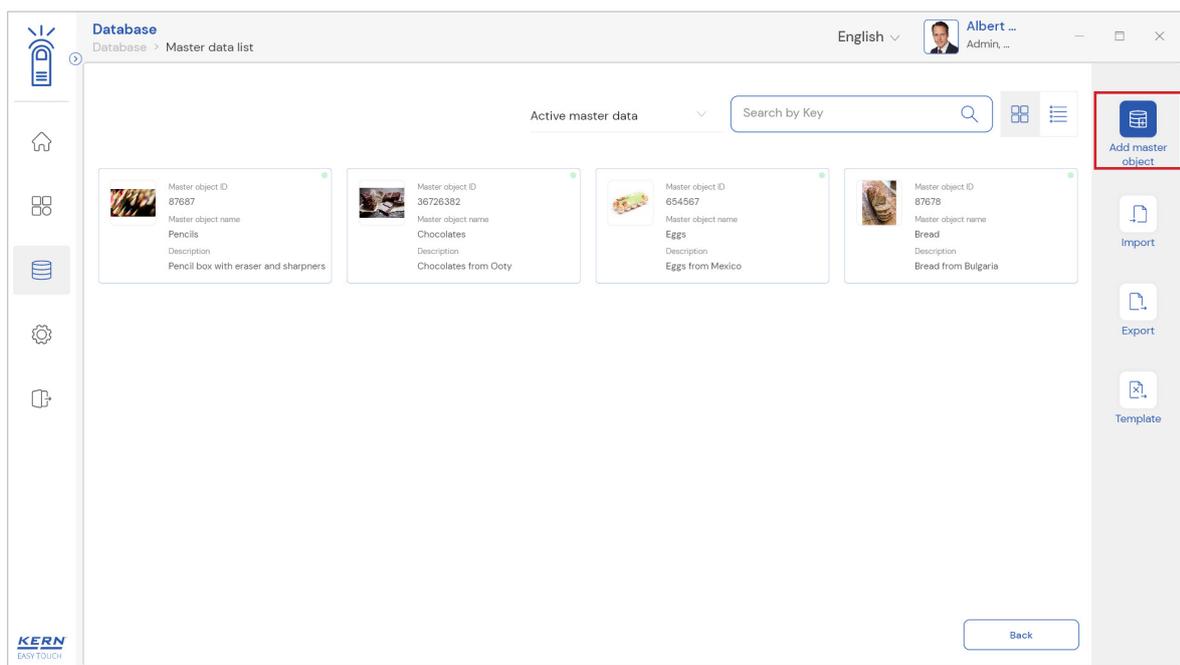
The user might be able to pick an object from the memory where the user can predefine a list of objects that you use frequently. The object in the memory can be reutilized.

Steps to be followed to create a master data with functional properties

- Click on the database icon and redirect to the master data.

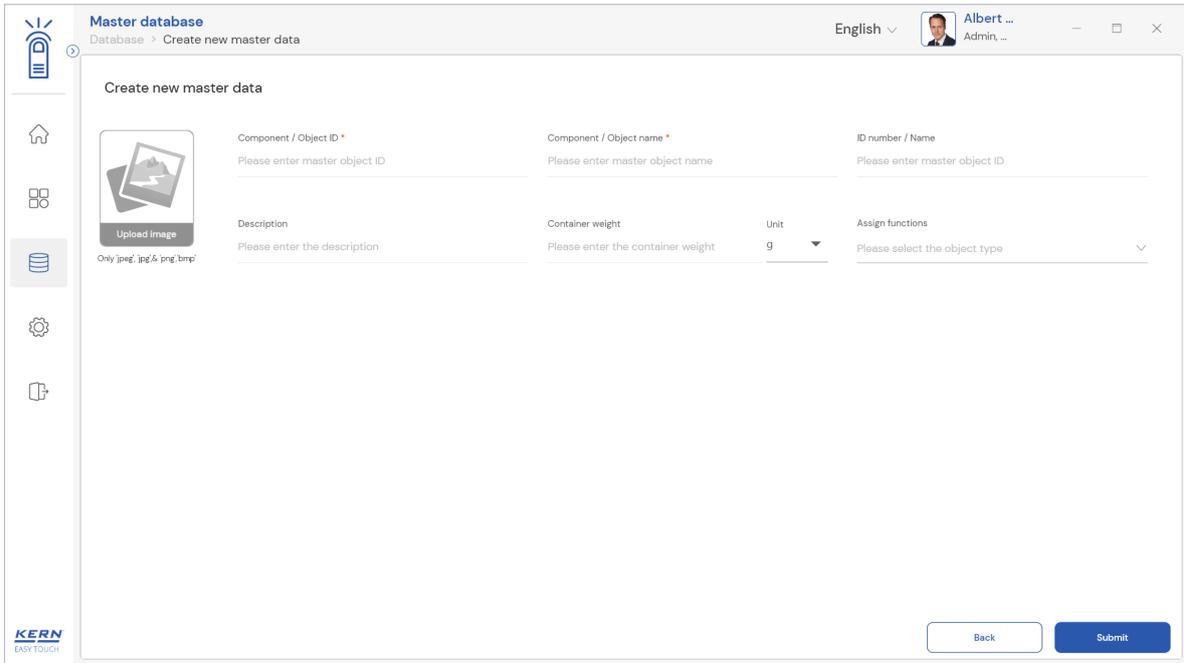


- The below screen would be displayed. The user might be able to see the list of master data objects created here.

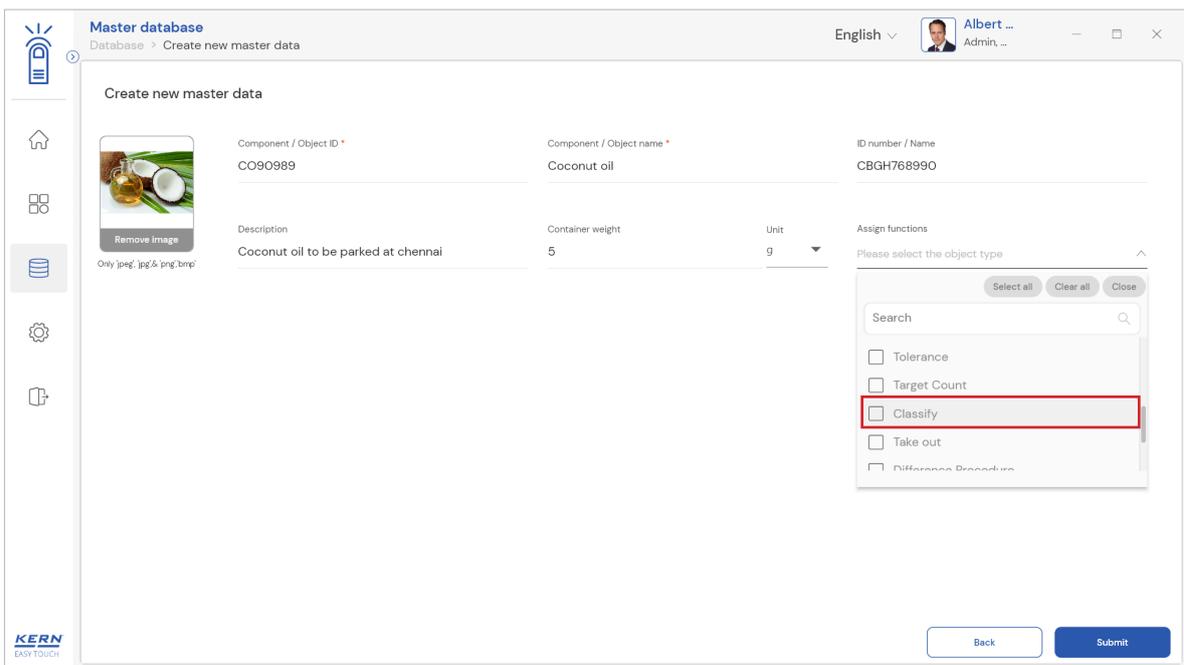


- The user can click on the “add master object” to create a new master object.

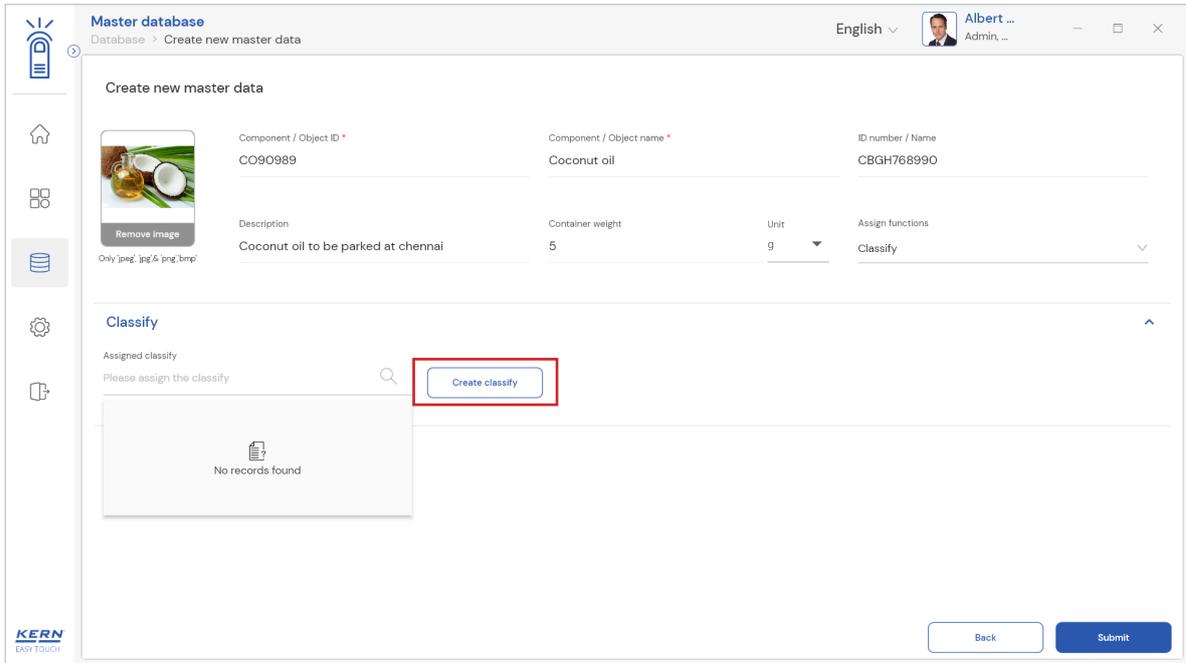
English



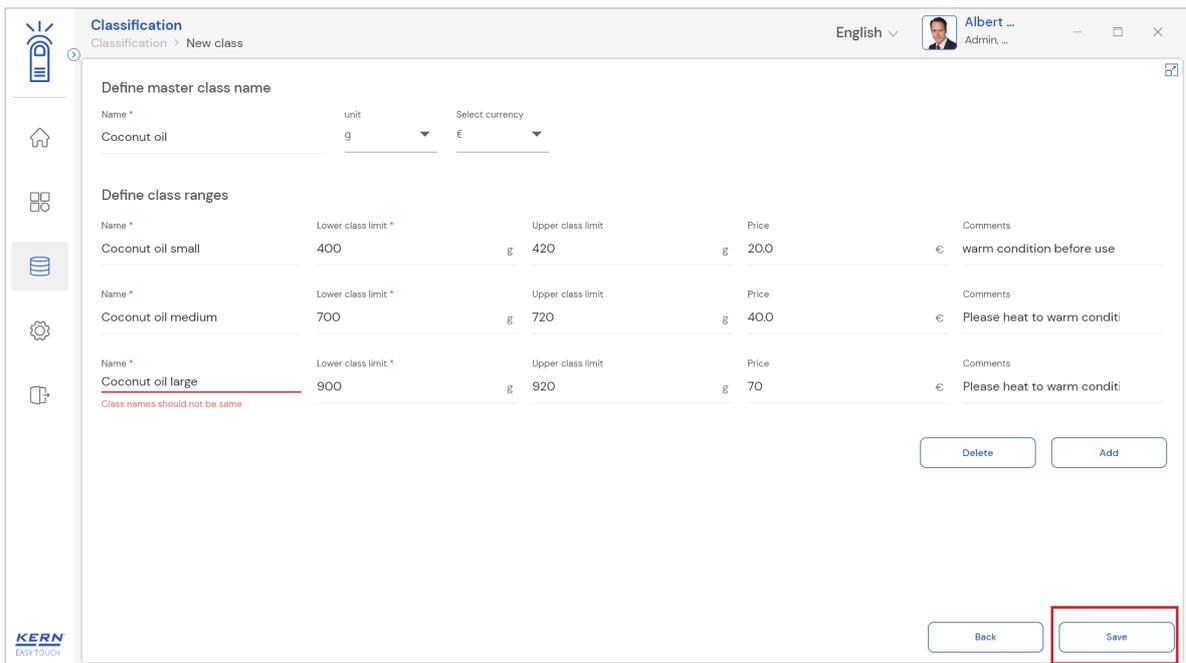
- The user can fill in the information as such component / object Id, component / object name, Id number / name, description, container weight and the image for the reference.



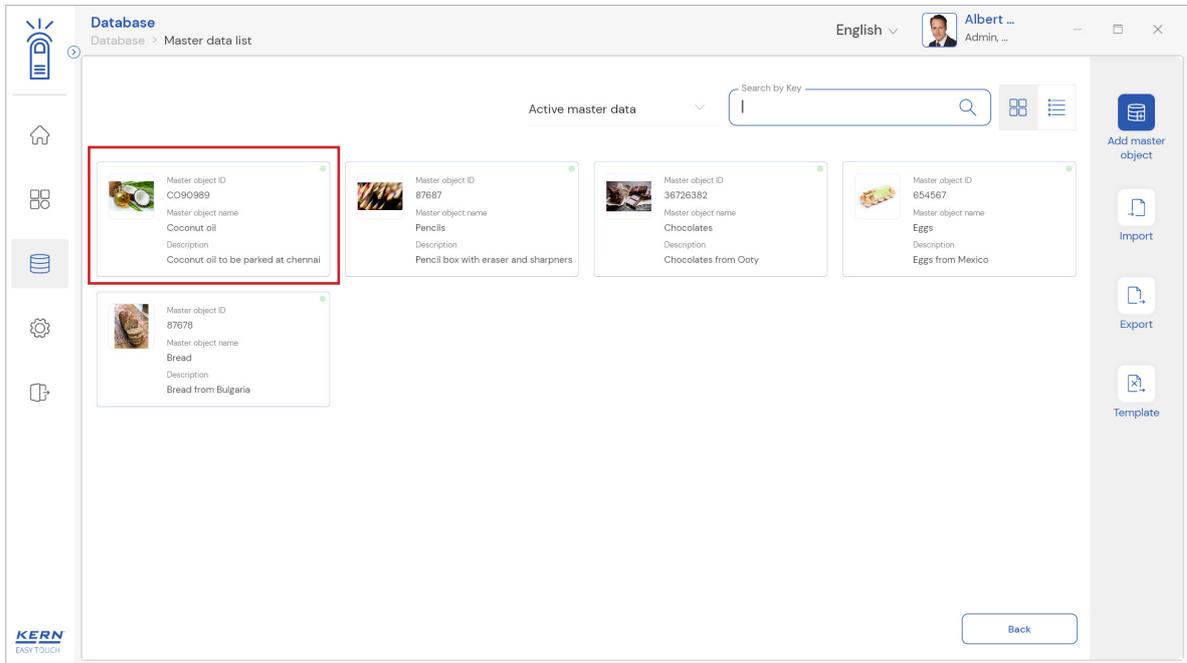
- Now user can select the required function “classification” to utilize the properties.



- Upon clicking the function, the functional properties to create a new class (in case if no class is been created) or to assign the existing classes will be displayed.
- Clicking on “create class” to create a new class.
- User can create the respective class and click on save to assign the class to the master object.

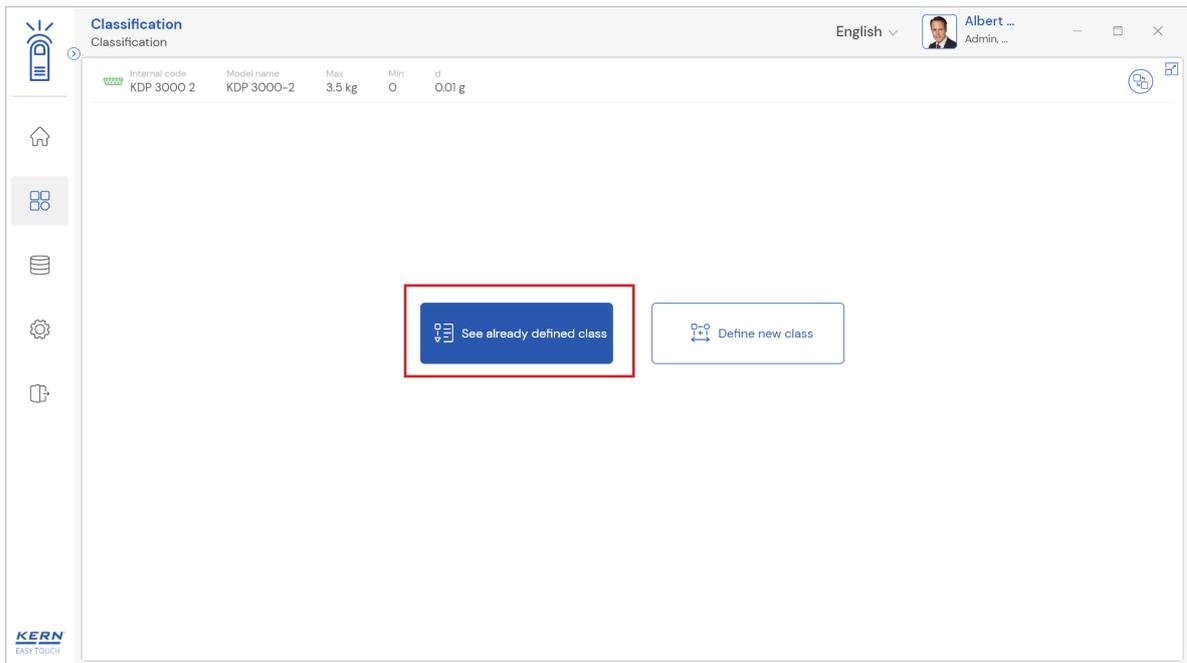


- The master object data is being saved and user could be able to view the created master object in the master list.



Applying the master object

- Redirect to the function “classification” to utilize the master data
- Choose the “already defined class” and pick the respective class defined.



- Now click on “classify” to commence the classification.

Classification
Classification > Already defined

English | Albert ... Admin, ...

Master class
Coconut oil

Class ranges

Class applied	Lower class limit	Upper class limit	Price	Comments
Coconut oil small	400.0 g	420.0 g	20.0 €	Please heat to warm condition ...
Coconut oil medium	700.0 g	720.0 g	40.0 €	Please heat to warm condition ...
Coconut oil large	900.0 g	920.0 g	70.0 €	Please heat to warm condition ...

Back Edit Delete **Classify**

Classification
Functions > Classification

English | Albert ... Admin, ...

Internal code: KDP 3000 2 | Model name: KDP 3000-2 | Max: 3.5 kg | Min: 0 | d: 0.01 g

Master class
Coconut oil

Current weight: **416.88 g** | Current class: **Coconut o...**

Coconut oil small (400.0 g - 420.0 g) | Coconut oil medium (700.0 g - 720.0 g) | Coconut oil large (900.0 g - 920.0 g)

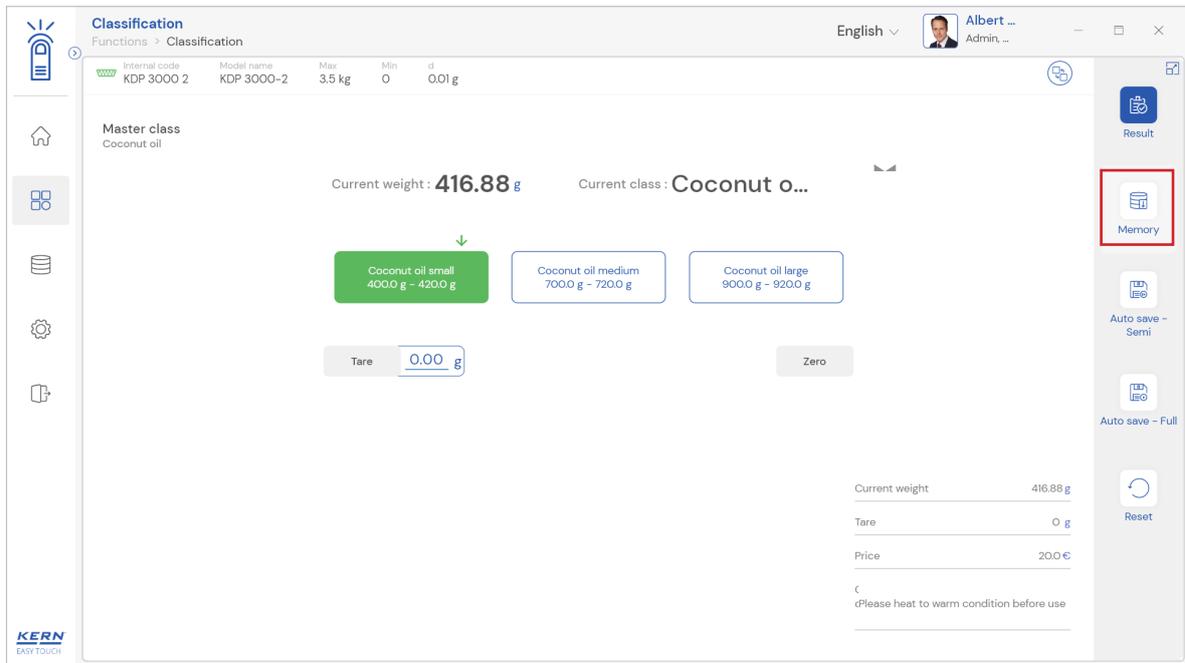
Tare: 0.00 g | Zero

Current weight: 416.88 g
Tare: 0 g
Price: 20.0 €

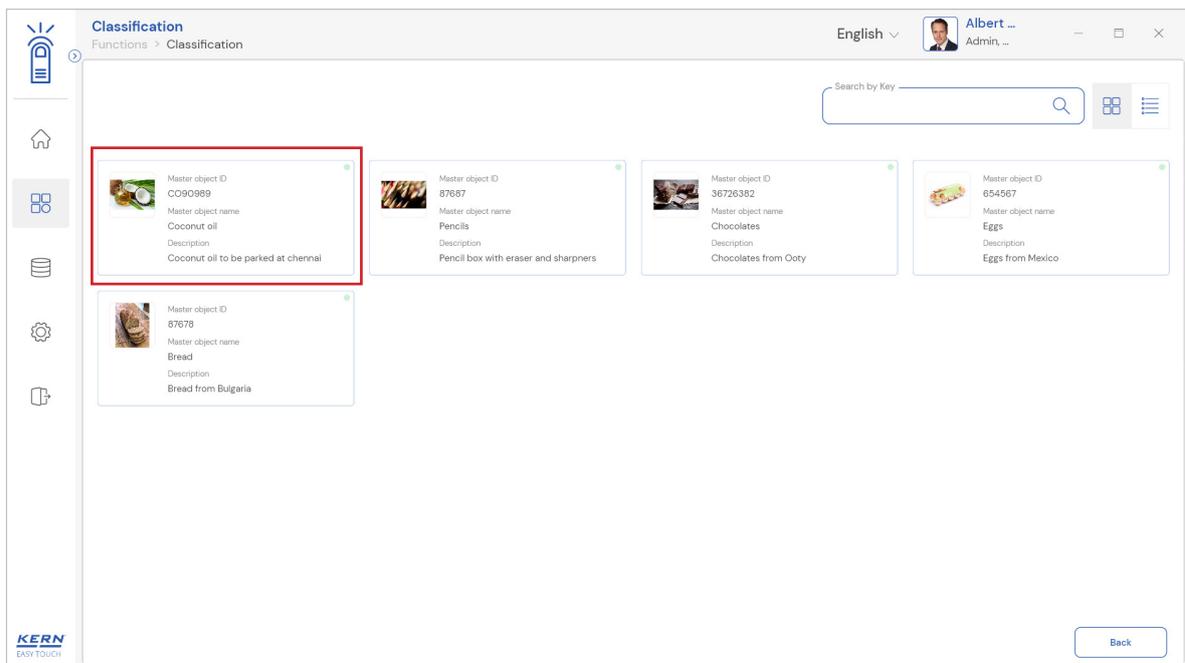
Please heat to warm condition before use

Result | Memory | Auto save - Semi | Auto save - Full | Reset

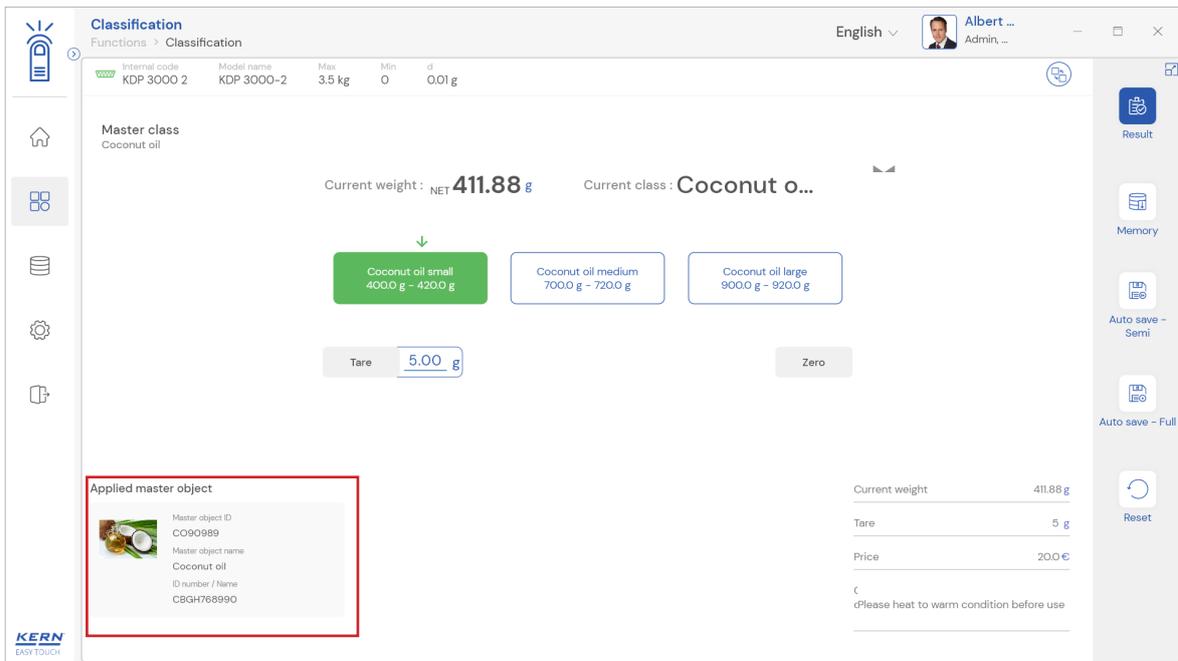
- Click on the memory and the user will be taken to the master memory to pick from the list of objects predefined. User can click on the required object to be weighed.



- User will be provided with the search option to search the required weighing object.



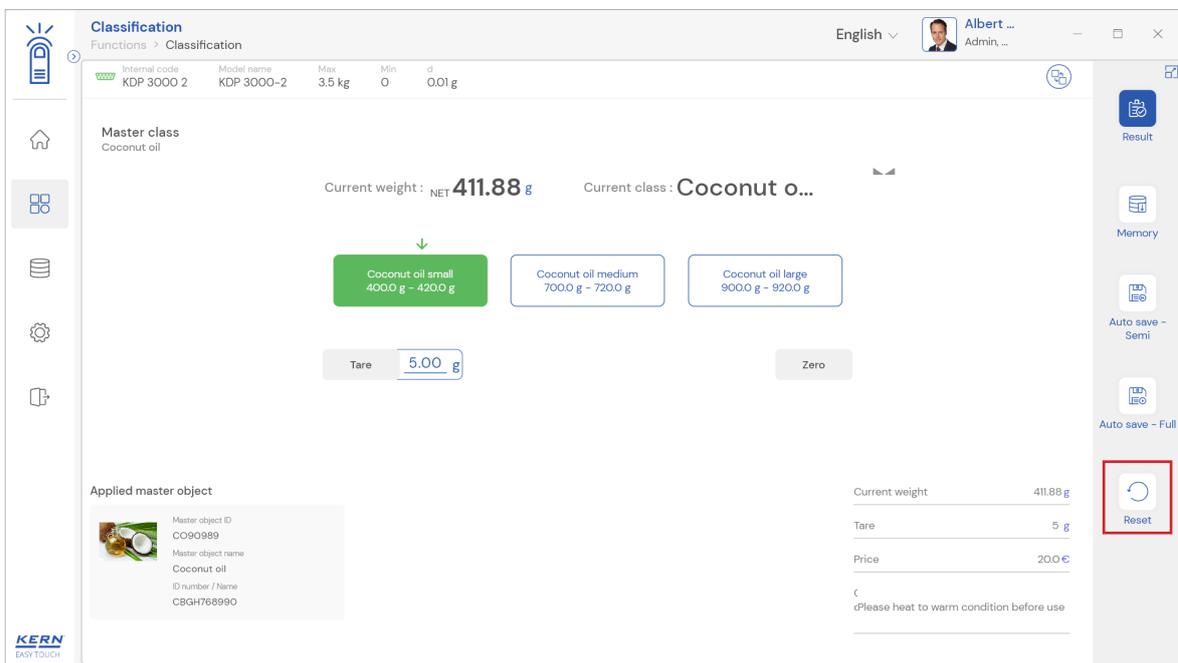
- User will be redirected to the weighing screen upon clicking the required object.
- The class assigned for the master data would be displayed in case if it has been given in the master database.



3.3 Reset

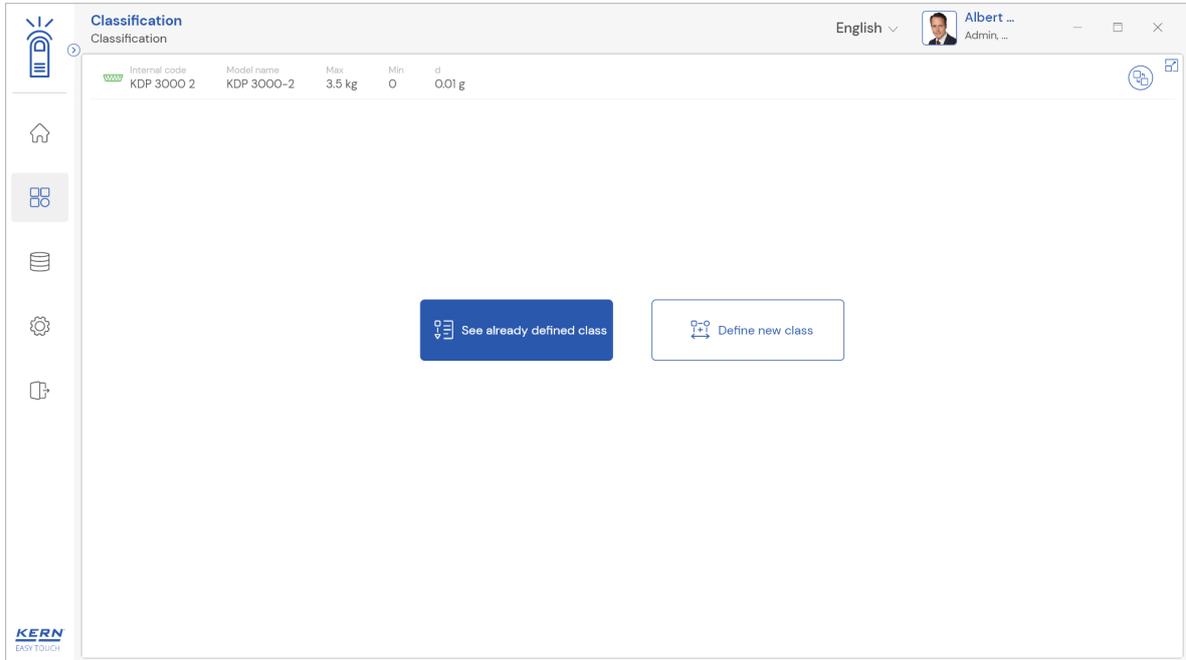
The purpose of reset is to clear the stored readings.

- Upon clicking the reset, system will reset all the weighed data and the master data applied and will be ready to perform the new operation



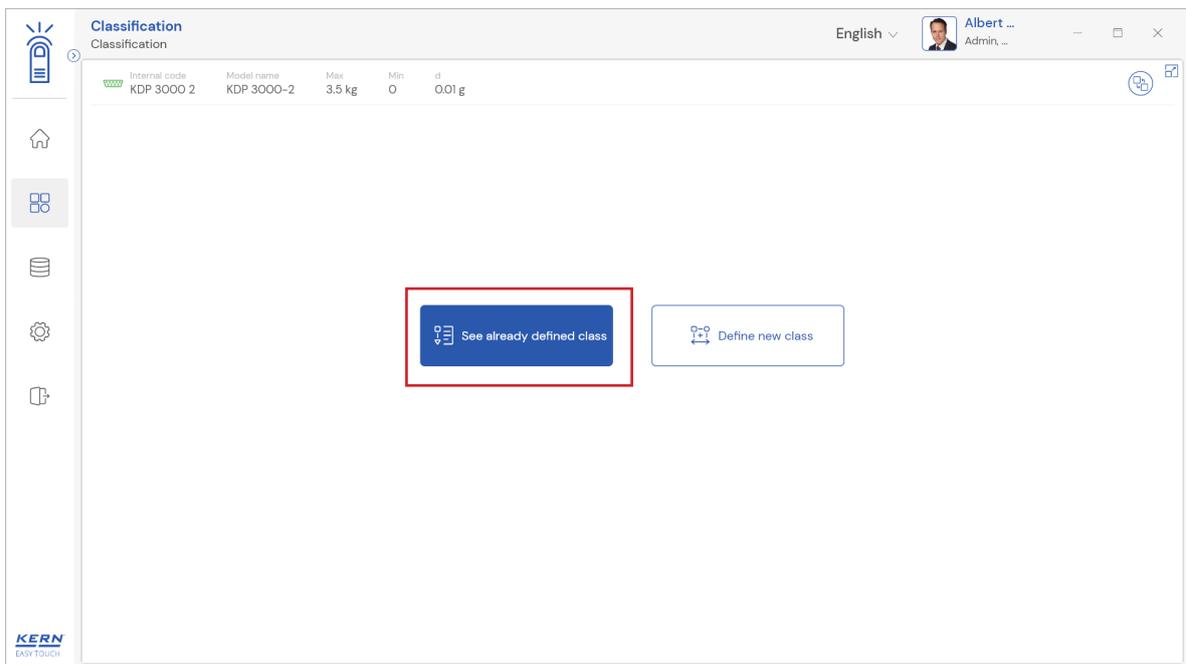
- Clicking on reset will come back to this screen

English

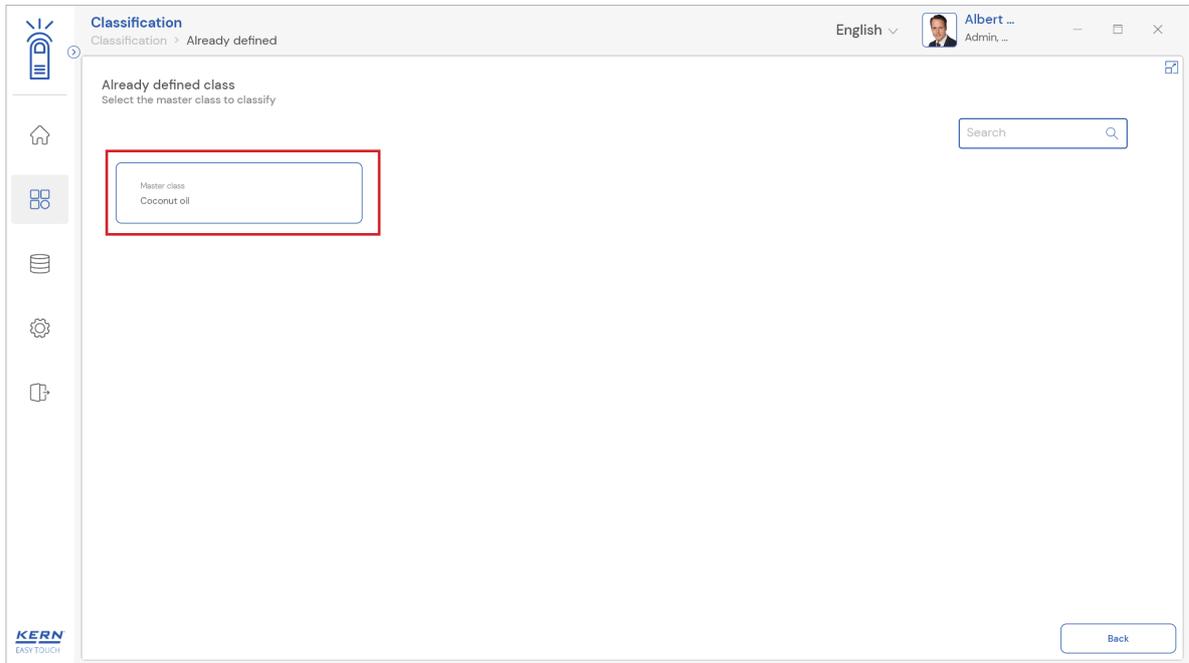


3.4 See already defined class

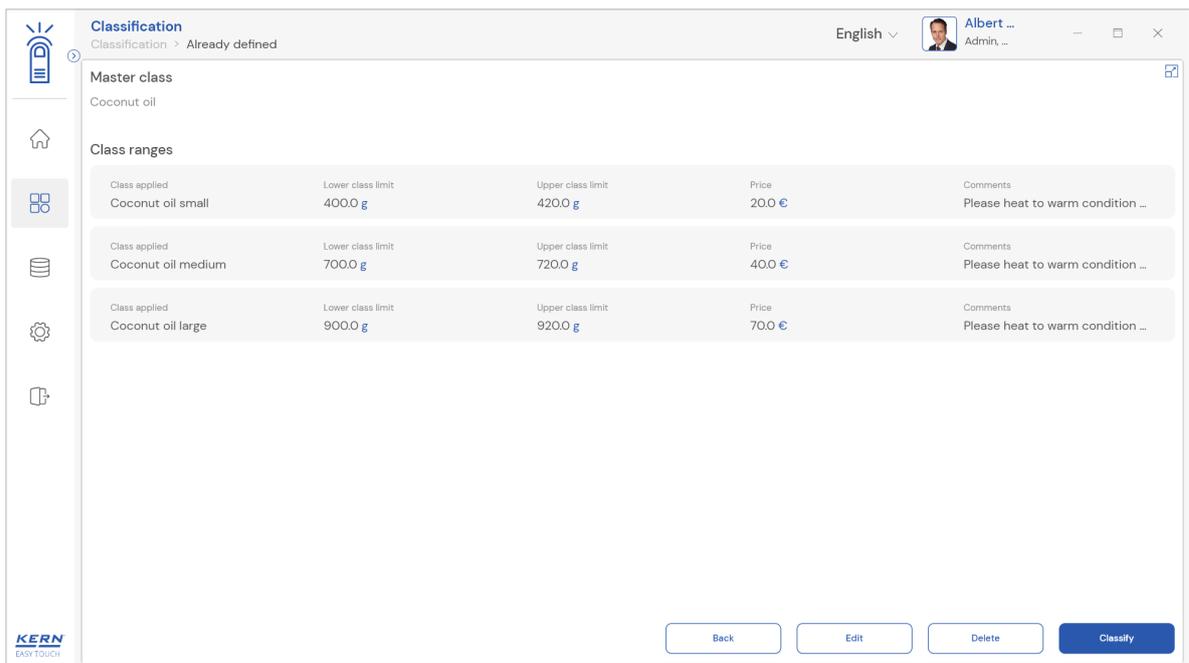
- A list of all the master classes which have been already created can be accessed so that the user can select the desired class and begin dosing.
- Click on “see already defined class” to access the required class.



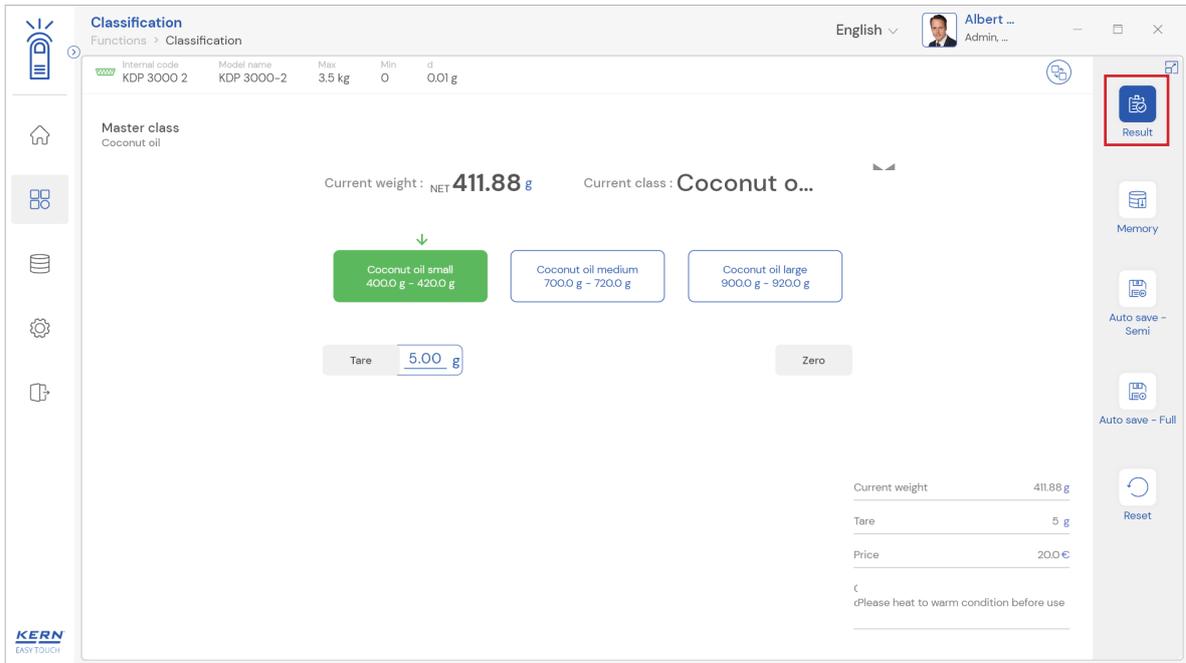
- A list of all the master classes which is already been created will be listed. Here click on the desired class



- Upon clicking on the desired class the detailed view of the master class will be displayed, here the user will be having the following option.

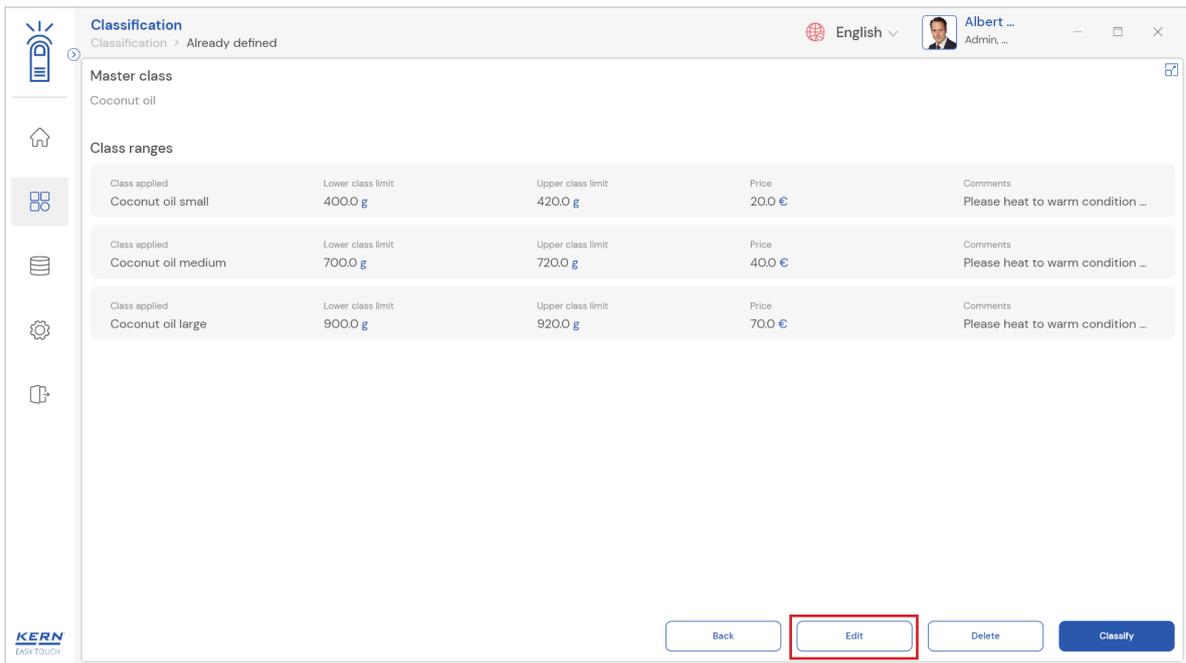


English

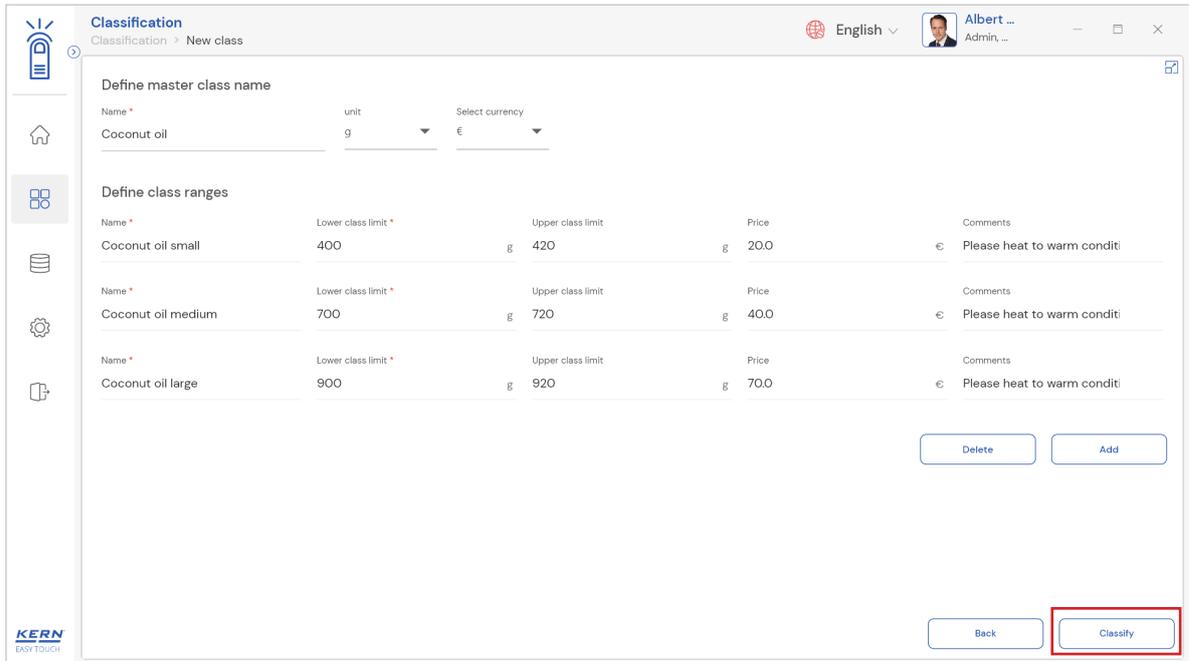


The user can start the classification process and proceed in saving the data. The same procedure can be carried out for many number of objects.

Edit: When you click on edit, you will be able to update the values of existing master class.

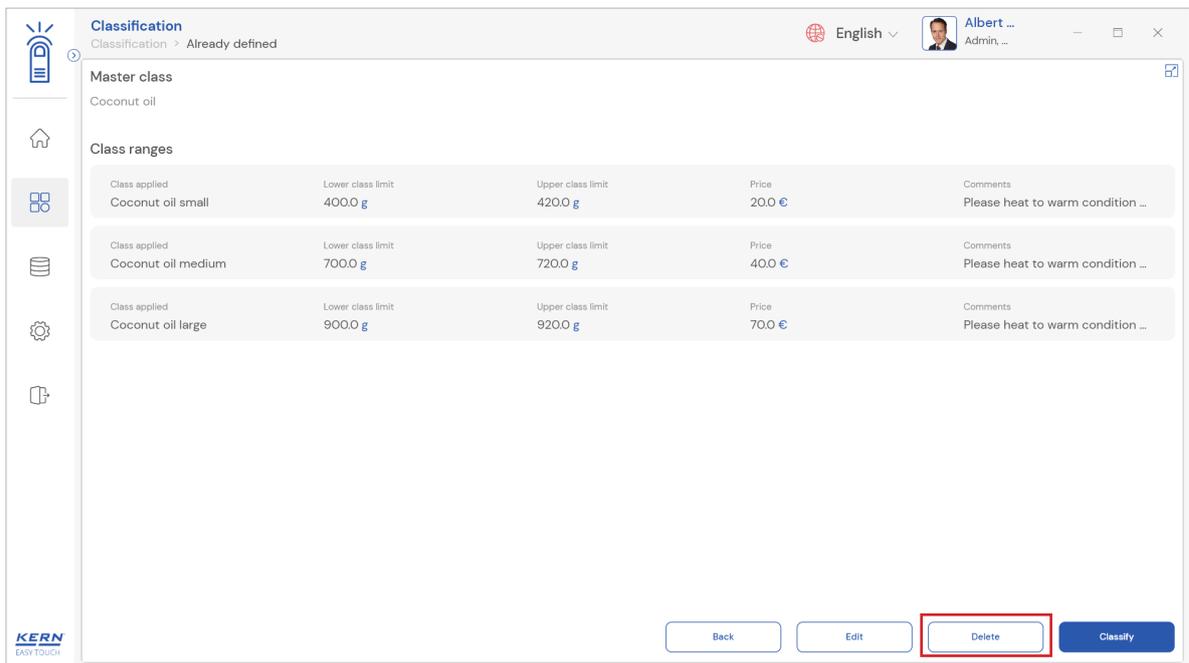


- Upon clicking on edit you will be taken to the screen where you will have the provision to update the properties of existing master class.

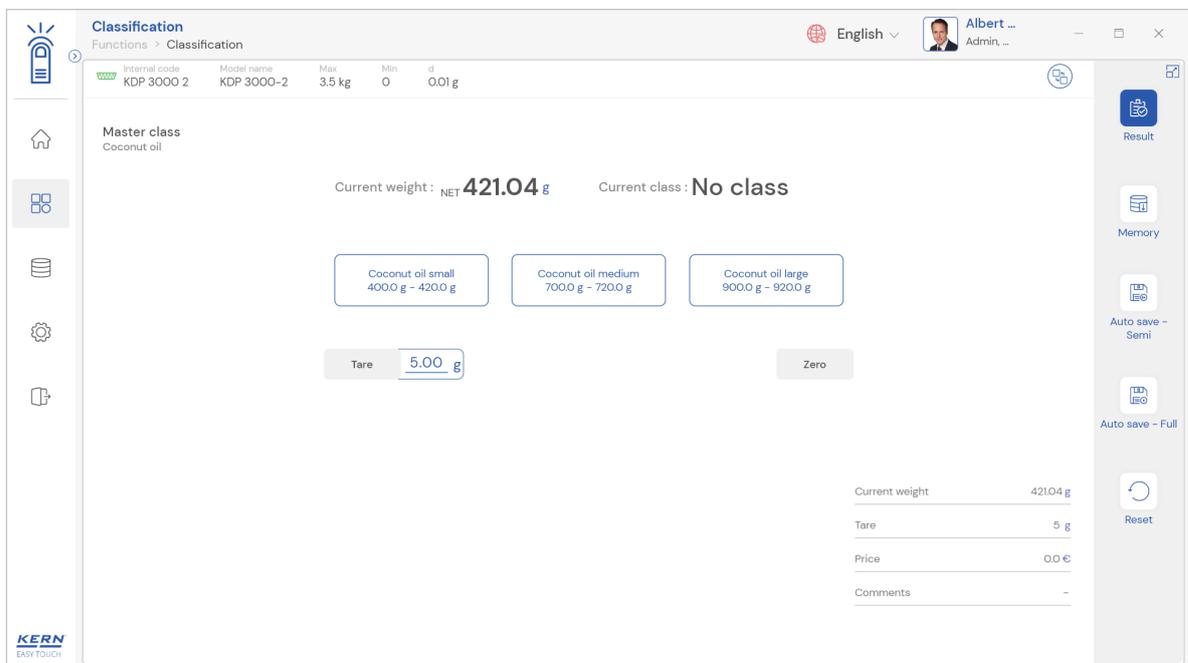
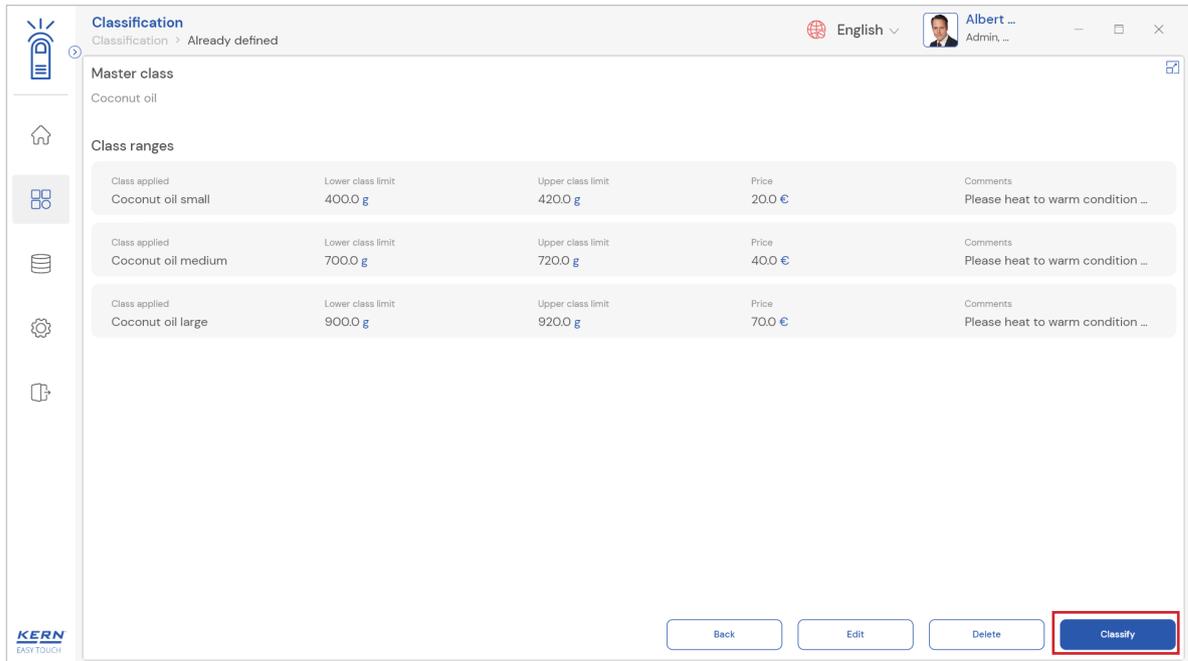


Delete: Clicking delete will deactivate the available unit and store it in the deactivated list of individual units.

- Upon clicking on delete user will be prompted to the modal screen asking the confirmation whether to delete the class or not
- If the user clicks on “Yes” the master class will be de-activated and upon clicking on “No” the master class remains in active state



Classify: Clicking on classify will take you to the dosing screen where transaction can be made with the selected master class.



4.0 Auto save

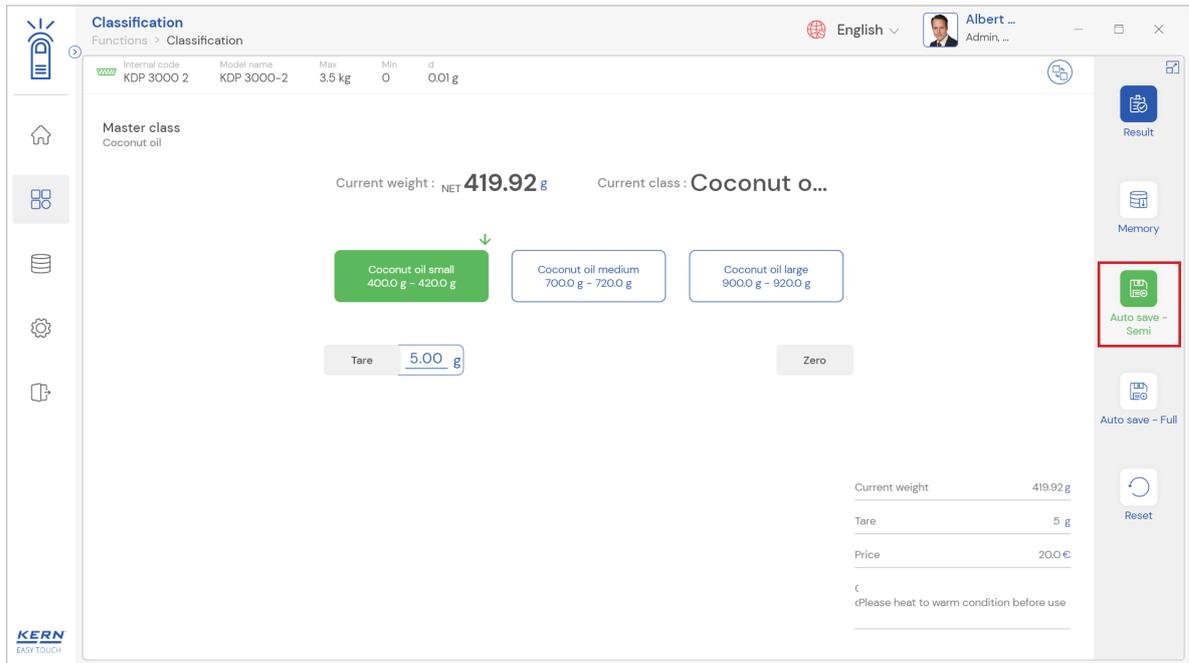
4.1 Auto save semi

- The purpose of auto save semi is to avoid pressing the result button once the measurement is done.
- The user will be automatically redirected to the result screen upon loading and unloading of the weight (until reaching zero) and stabilization of the object placed on the weighing scale
- This might be useful in reducing the work of operators as they might not need to press the

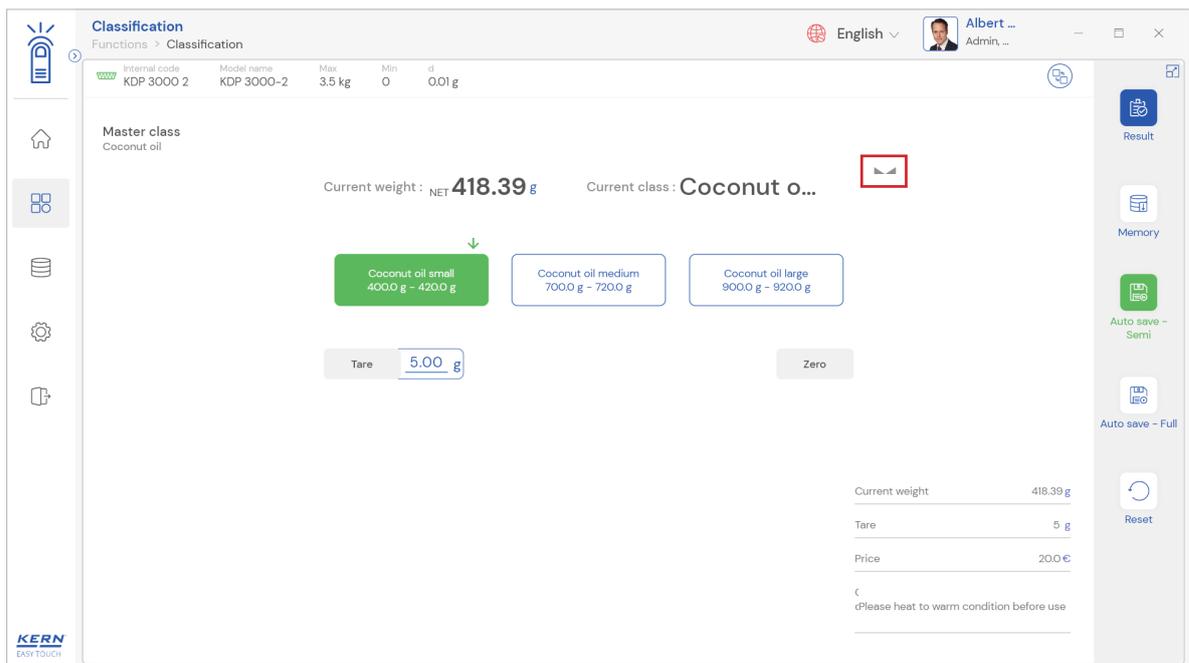
Steps to be followed:

Step 1: Enable auto save semi after defining the class

Step 2: Place the objects that are required to be classified.

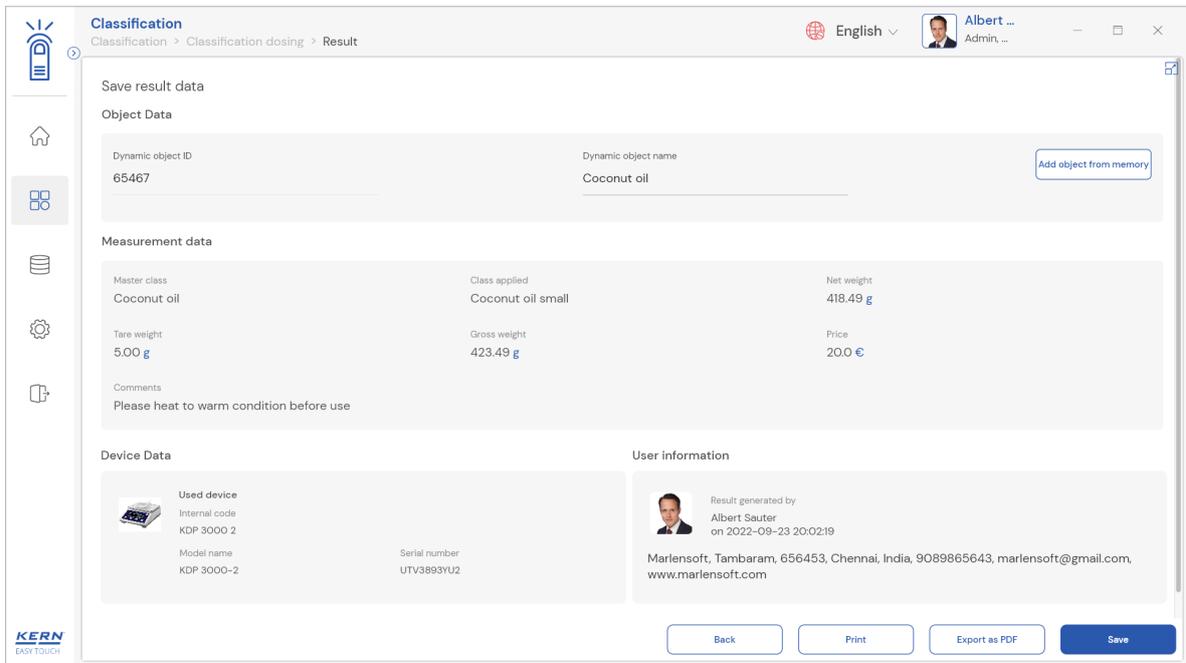


Step 3: Wait until the weight on the scale is stabilized



Step 4: The user will be automatically taken to the result screen

English

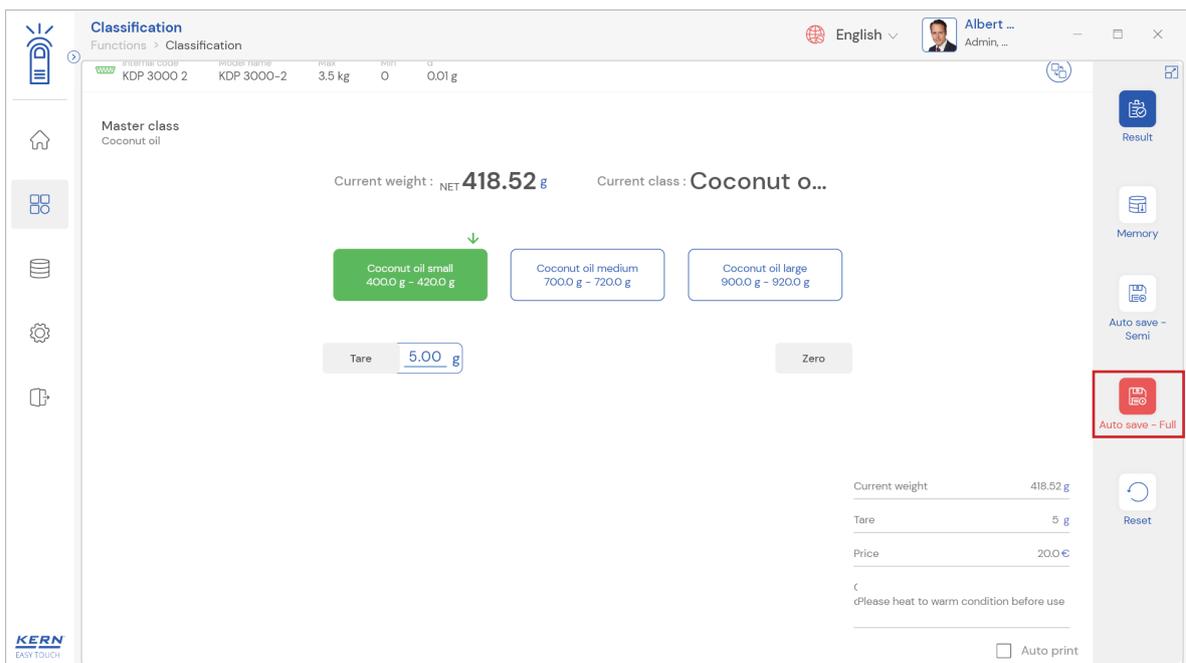


4.2 Auto save full

- The purpose of auto save full is to save the result automatically without moving to the result screen every time once the measurement is done.
- The system will be automatically saving the result data in the dynamic database upon loading and unloading of the weight (until reaching zero) and stabilization of the object placed on the weighing scale.
- This might be useful in case if the operators in the industries are handling chemicals and might not be able to touch the application screen due to grease or other conditions.

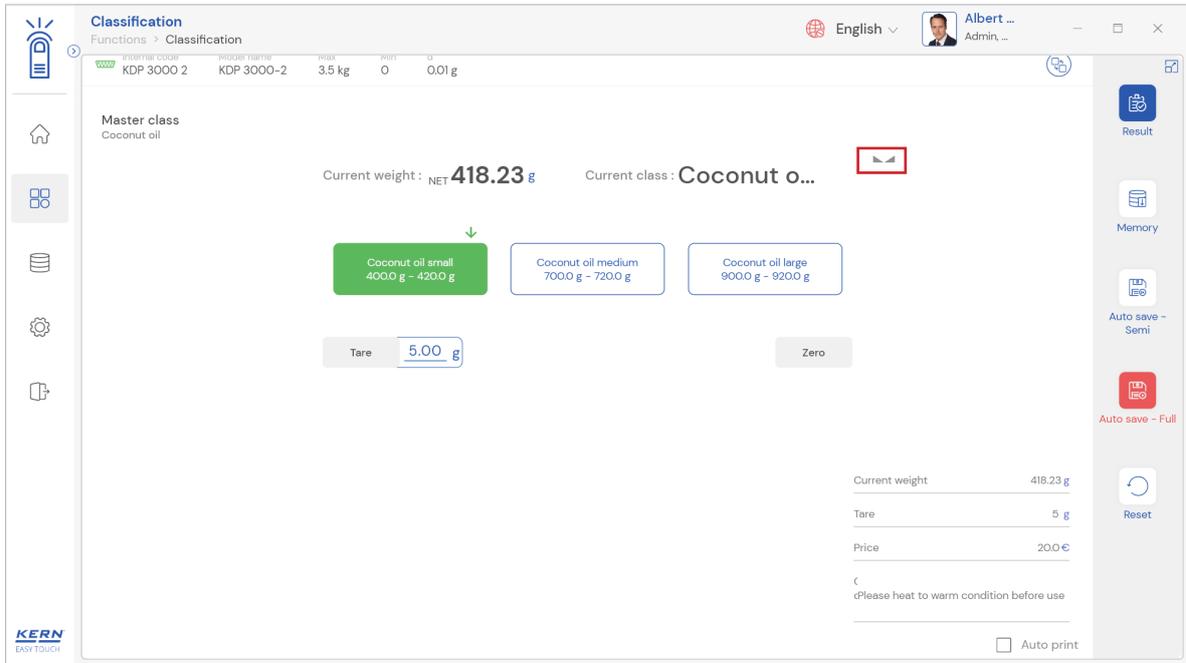
Steps to be followed:

Step 1: Enable auto save full after defining the class

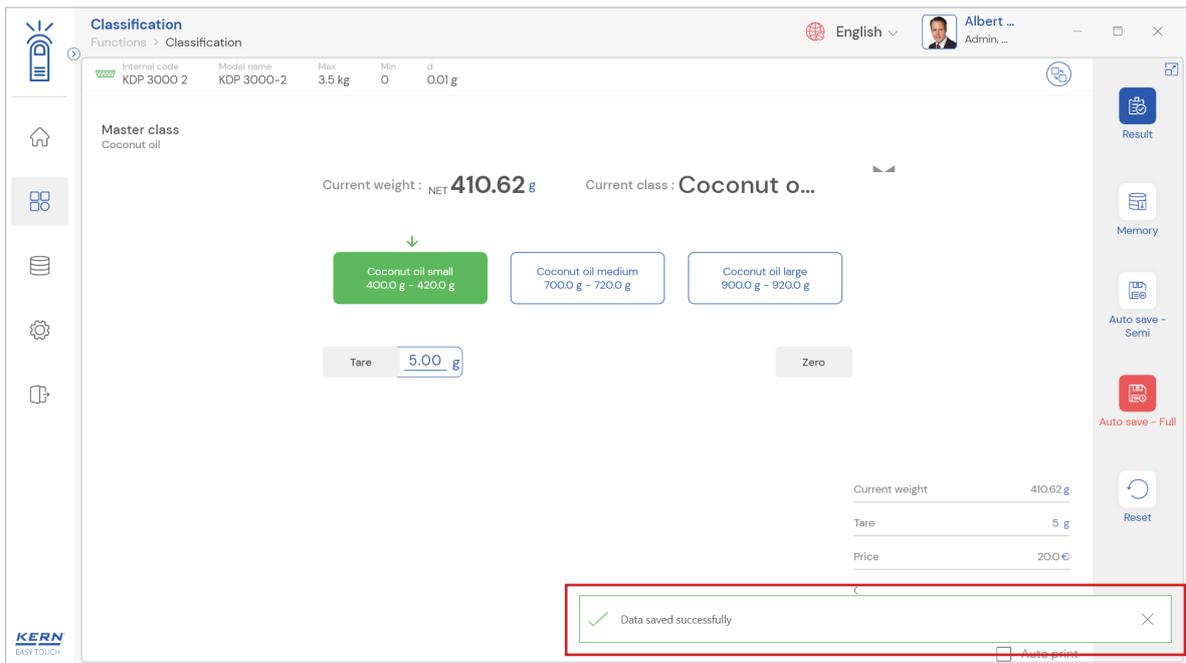


Step 2: Place the objects that are required to be classified

Step 3: Wait until the weight on the scale is stabilized



Step 4: The system will automatically save the result in dynamic database.



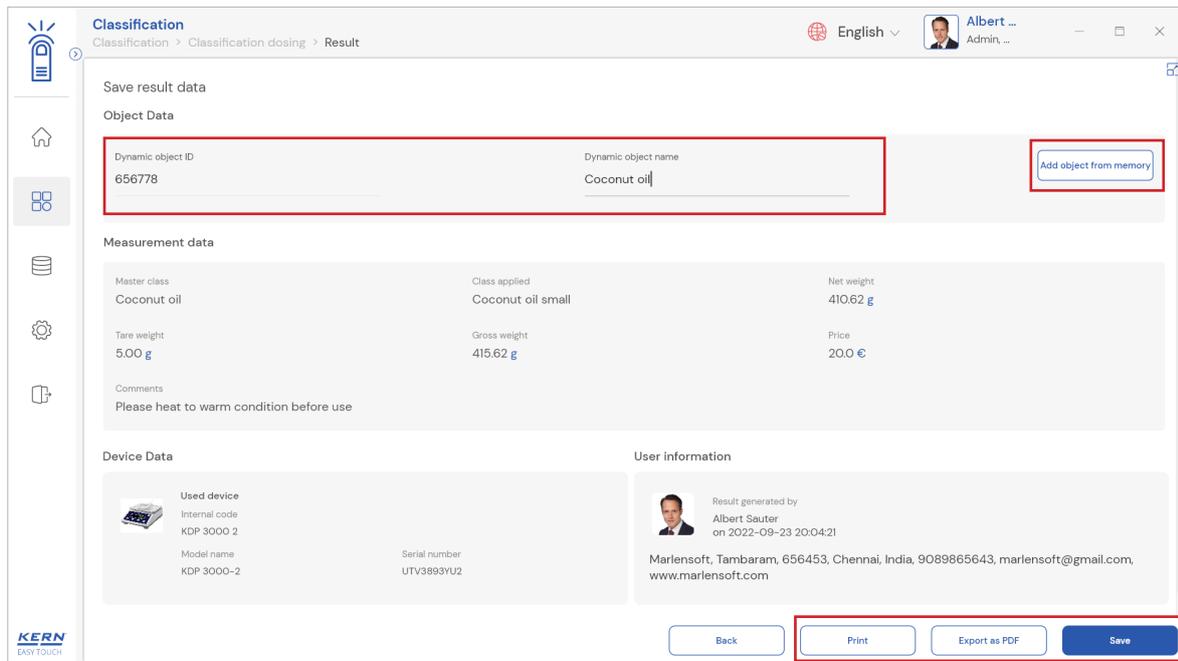
The user can enable the auto print in case wanted to print the data automatically upon saving the data in dynamic database

5.0 Result data

5.1 Measurement data

An overview of the determined data appears upon clicking on the button “end”. The below screen appears upon clicking the end button. The user might be able to view the complete result data.

Here, the user might be able to



5.1.1 Add object from memory

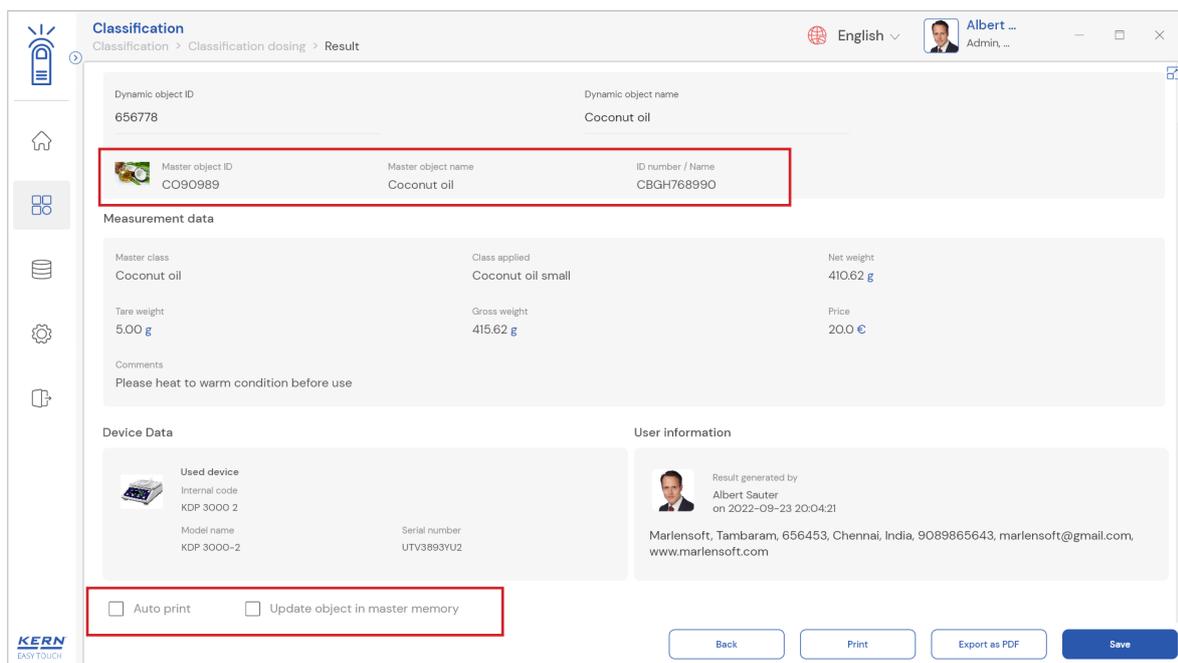
The user might be able to pick an object from the memory where you can predefine list of objects what you use frequently. The object in the memory can be reutilized.

5.1.2 PDF, print and save

The user can save the data, generate the result data as an PDF or excel or print the results. All the saved results would be found in the dynamic database.

5.1.3 Dynamic object ID and name

The user can enter a reference id and name to the weighing objects to stay unique and search based on the dynamic id and name in the dynamic database (after the result data is being saved) regarding the weighing results of an object.



5.1.4 Update object in master memory

The user can be able to save the functional properties of the object in the master memory to reuse the data by clicking on the “Update object in master memory”.

For example, the container weight will be updated in the master memory and can be utilized for future purposes.

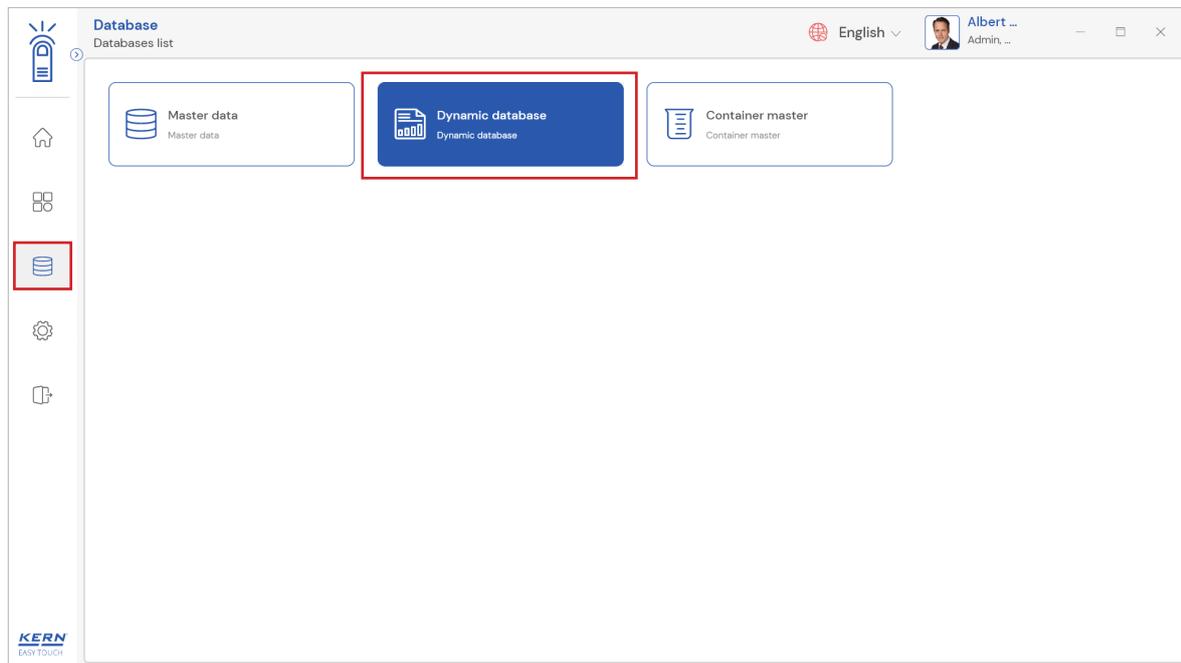
5.1.5 Auto print

The user will have an option to save and print on a single click. This allows the user to print the data with the measurement ID.

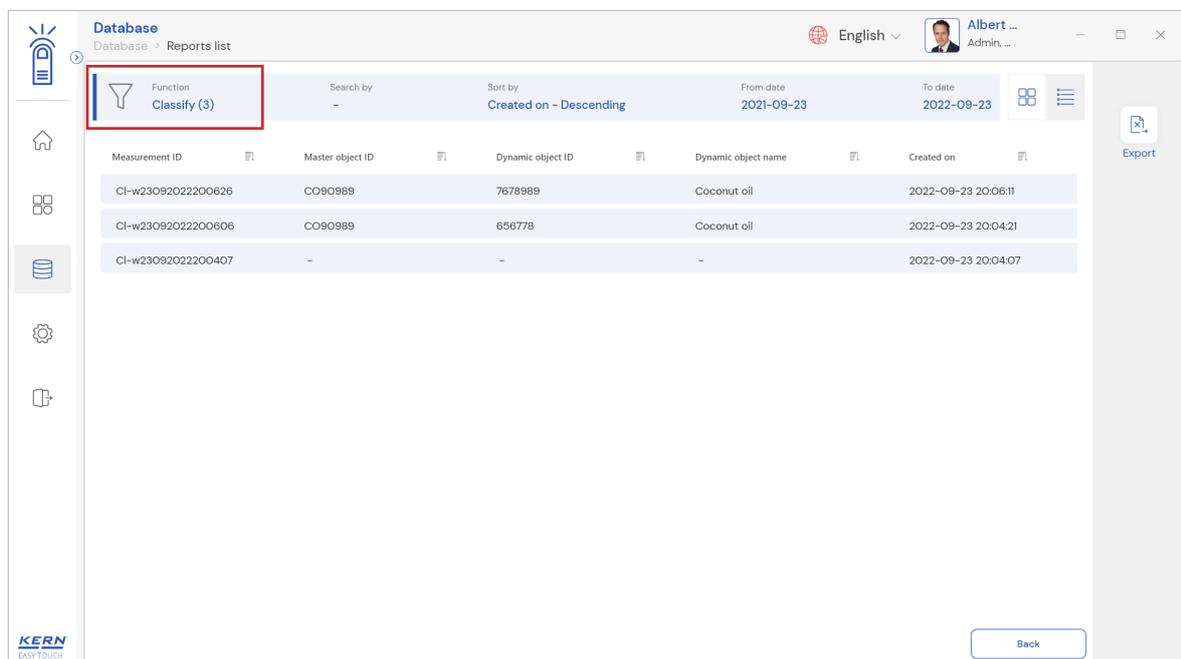
Once the save button is clicked, the balance is again on weighing mode.

6.0 Dynamic data

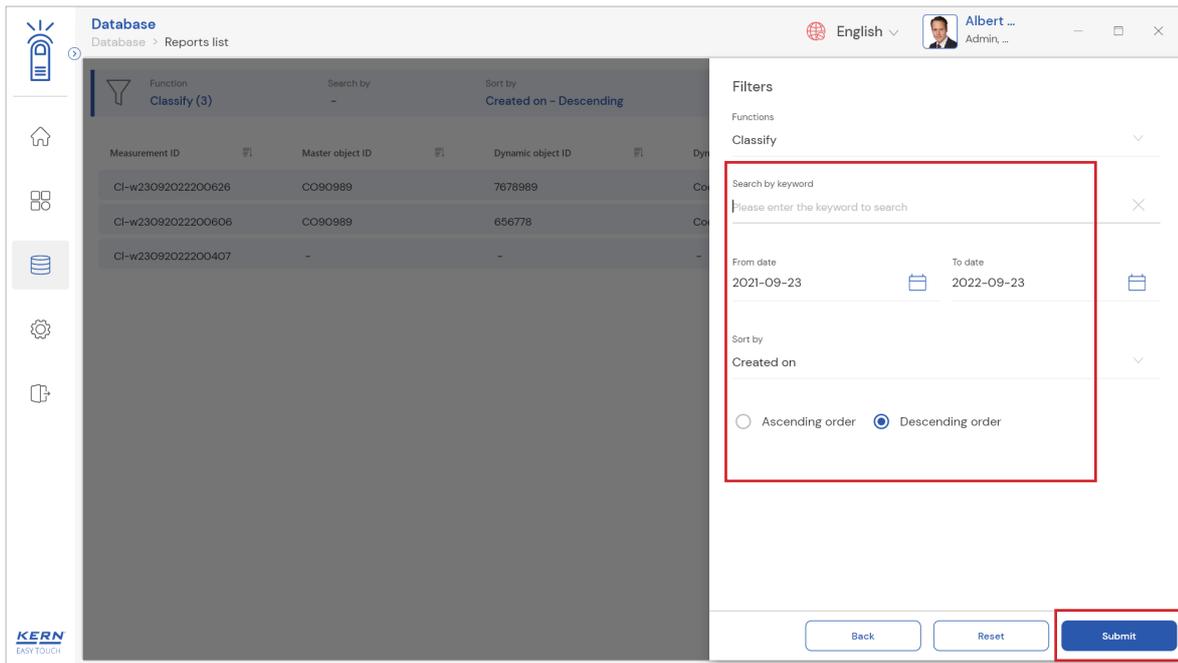
- All the saved data would be found in the dynamic database. Click on the database icon and navigate to the dynamic database



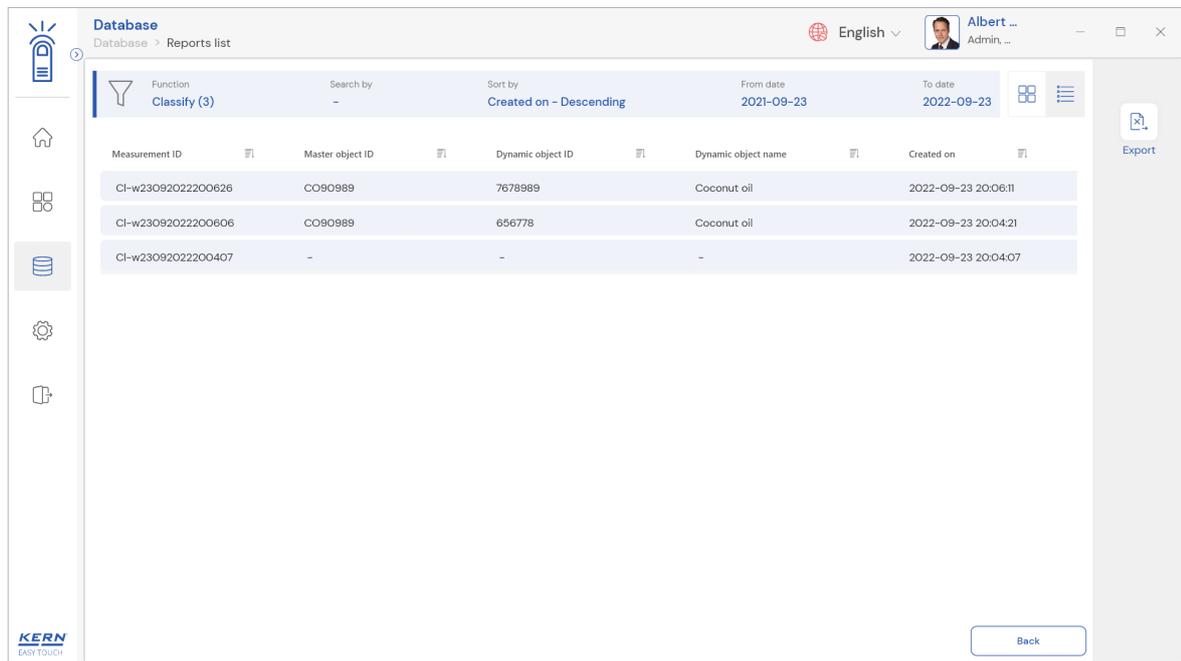
- Kindly note, the last function which is been used would be displayed by default.



- Click on the filter and the below screen would be displayed. Choose the respective filters for quick search of data



- The list of dynamic data saved against the set filter would be found here
- Click on the required transactional data to see the complete set of details



The screenshot displays the 'Database' application interface. On the left, a sidebar contains navigation icons. The main area is titled 'Database > Reports list' and shows a table with columns 'Measurement ID' and 'Master object ID'. The selected entry is 'CI-w23092022200626' with 'CO90989' as the master object ID. The right-hand side of the interface is dedicated to the 'Measurement data' for this entry, which is 'Coconut oil'. This data is organized into several sections: 'Measurement data' (Master object ID: CO90989, Dynamic object ID: 7678989, Class applied: Coconut oil small, Gross weight: 415.62 g, Net weight: 410.62 g, Price: 20.0 €), 'Device Data' (Used device: KDP 3000 2, Model name: KDP 3000-2, Serial number: UTV3893YU2), and 'User information' (Result generated by: Deepika Bala on 2022-09-23 20:06:11, Marlensoft, Tambaram, 656453, Chennai, India, 9089865643, marlensoft@gmail.com, www.marlensoft.com). At the bottom right, there are three buttons: 'Close', 'Export as PDF', and 'Print'. The 'Export as PDF' and 'Print' buttons are highlighted with a red rectangular box.

- The saved data can be printed or can be exported as PDF.

The end

English