



# DCUMunch

*"More than just food."*

## User Manual

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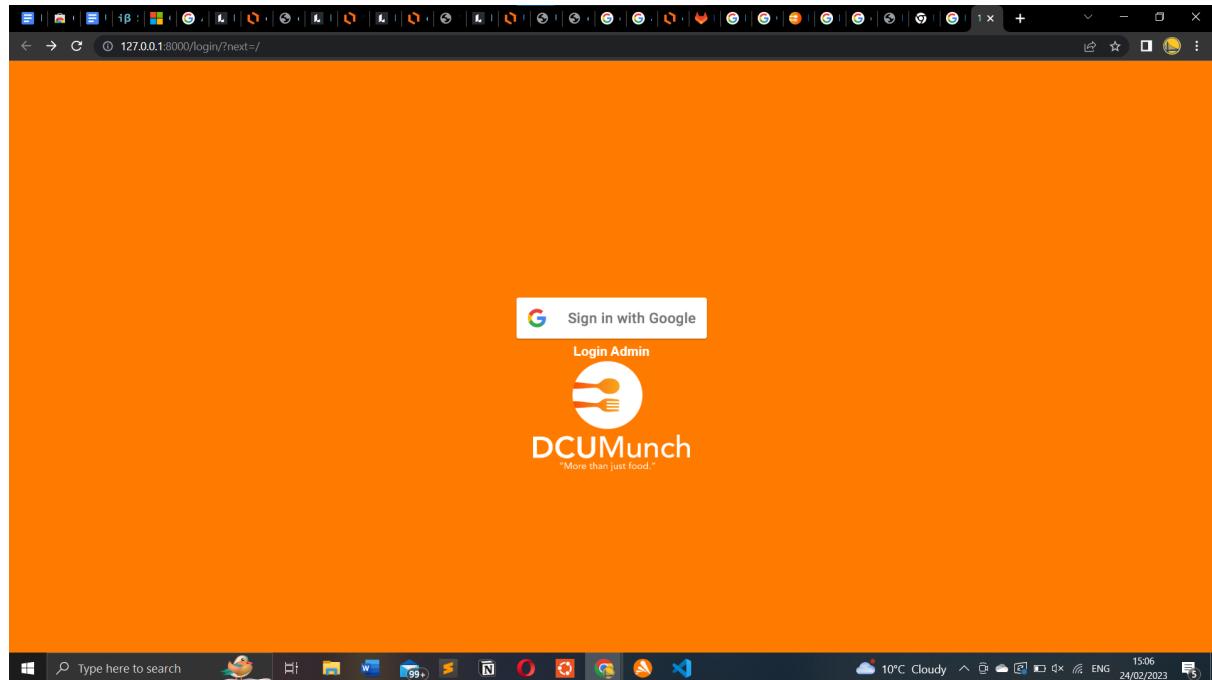
### 1. Preface

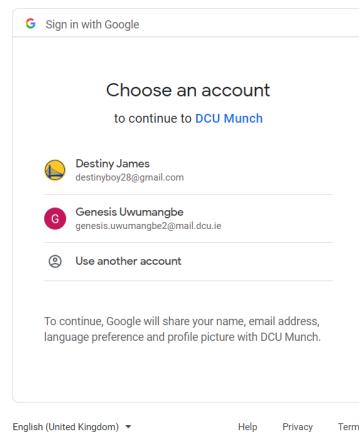
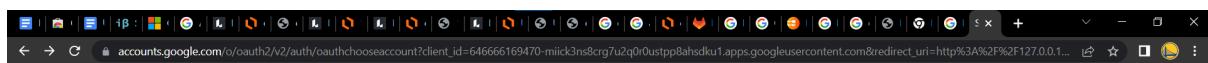
This document is a guide on how to use our DCU Munch app. Instructions are provided for both the users and admins. Instructions on how to set up the environment are in our Technical specifications please look at the installation guide section.

### 2. User instructions

#### Log in

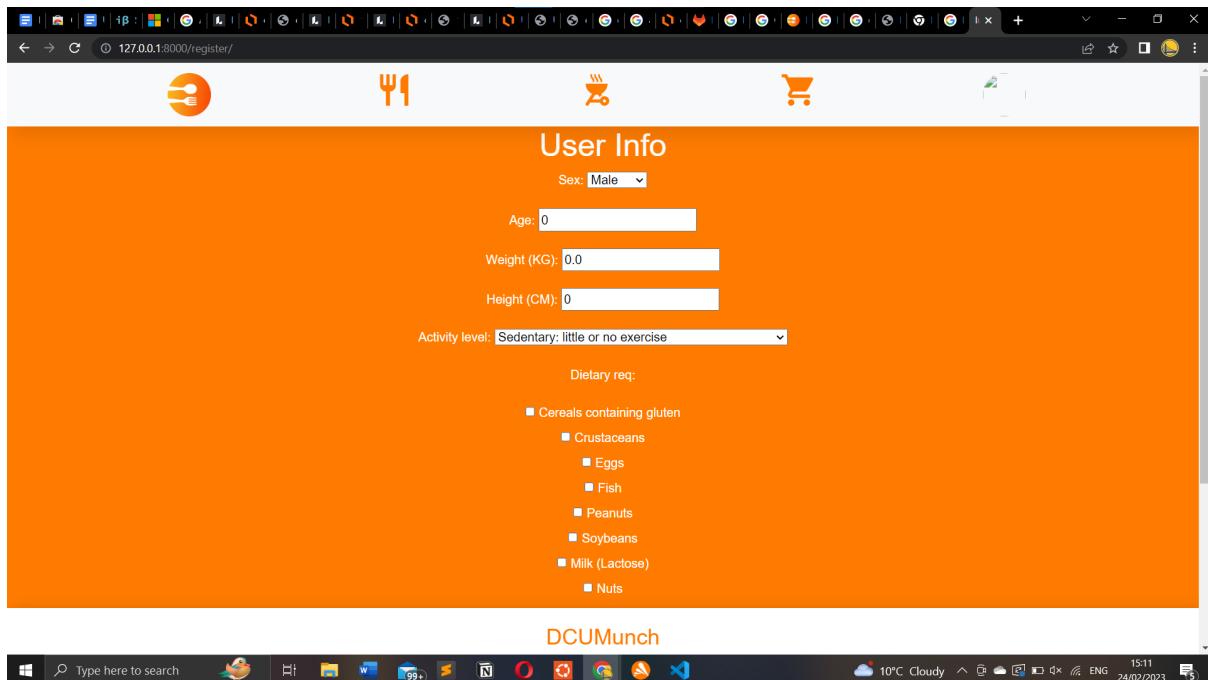
Once you have loaded up our application you are then greeted with a sign-in with a google page click on sign-in and enter your DCU email and password.





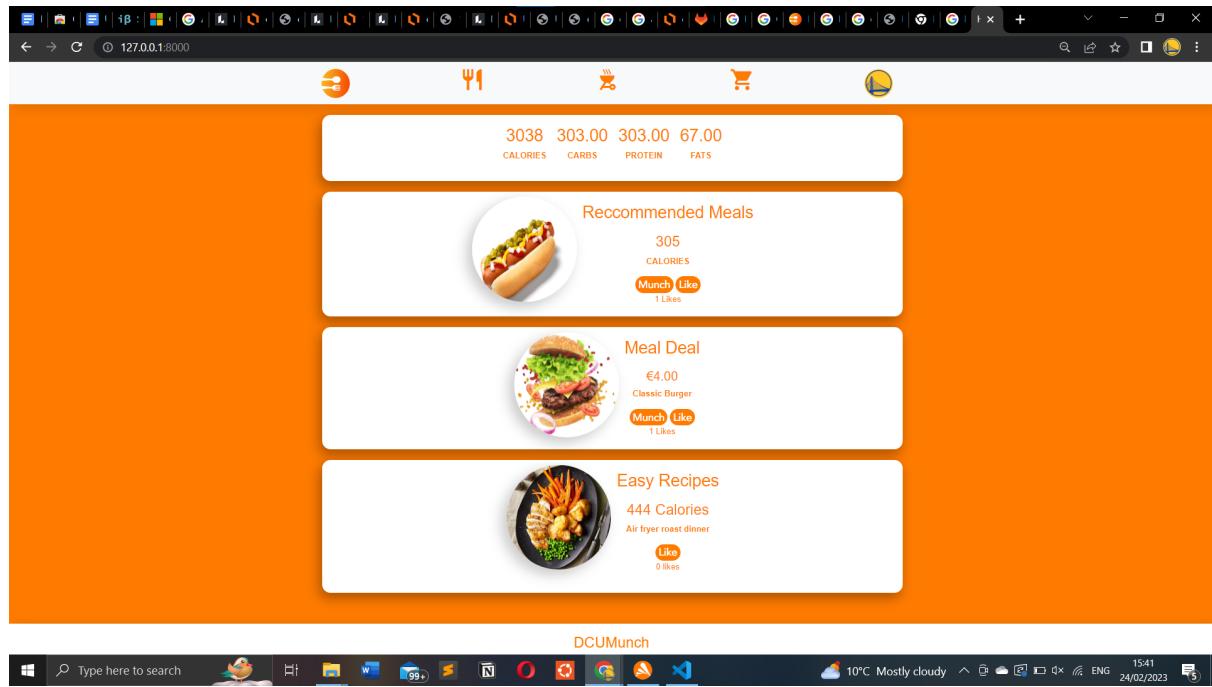
## User Info

Once you are logged in you are greeted with your details page it will ask you to enter your user information e.g sex, age weight etc there is also a section for your activity level please select one it will also ask you to click on the foods you do not want to be added to your meals.

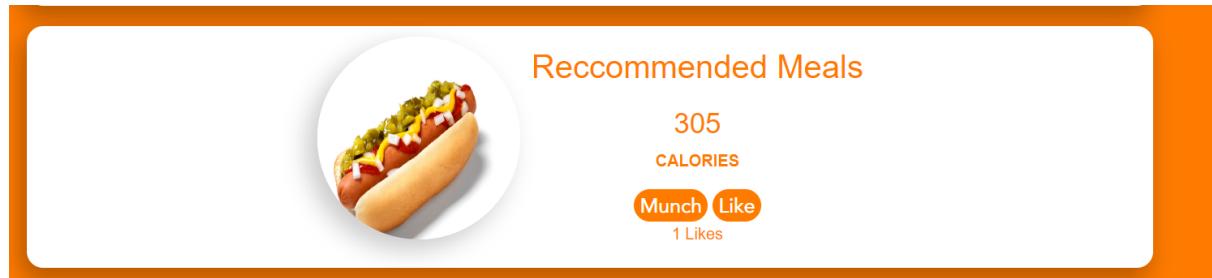


## Home page

Once you have completed the user info you will be greeted with our home page. This page displays the calorie count for the day, protein, carbohydrates and fats.



Your recommended meal will be shown. You will be able to click on the munch button if you have eaten something like this prior to coming to campus. you will also be able to like the meal and the app will recommend similar meals.



**Munch** **UnLike**  
1 Likes

There is a meal deal section if you're looking to save money.



Once you have clicked on a meal item you will be able to buy it.

A screenshot of a meal item page. At the top, there are five icons: a spoon and fork, a knife and fork, a coffee cup, a shopping cart, and a blue circle with a white arrow. Below these icons, the title "Fruit Bowl" is displayed in orange. Underneath the title is a circular image of a fruit bowl containing various fruits like apples, oranges, and grapes. Below the image, there is a nutritional information box. Inside the box, the number "55" is followed by "CALORIES" in orange. To the right of "55", the values "14.30", "0.41", and "0.08" are listed in orange, corresponding to "CARBS", "PROTEIN", and "FATS" respectively. Below the nutritional box are three buttons: "Buy €2.02", "Munch", and "UnLike". Underneath the "UnLike" button, it says "1 likes". At the very bottom of the screenshot, the Windows taskbar is visible, showing various pinned icons and the system tray.

At the bottom of the home page, you can see a recipe section showing easy cheap recipes for you to make. You can like these recipes.



444 41.00 36.00 13.00  
CALORIES CARBS PROTEIN FATS

Cereals containing gluten

Like 0 likes

**Times**  
Prep: 41 Minutes  
Cook: 15 Minutes  
Serve: 2

**Ingredients**  
2-3 medium potatoes, peeled and cut into quarters 3 tbsp vegetable oil or rapeseed oil 1 large or 2 small chicken breasts, skin-on 3 medium carrots, peeled and cut into batons 100g frozen peas gravy, to serve

**Method**

1. Soak the potatoes in water for 30 mins, then drain and rinse. Heat the air fryer for 2 mins. Dry the potatoes thoroughly, then put in a bowl, drizzle over 1 tsp of oil and season with salt and pepper. Using your hands or a spoon, coat the potatoes in the oil, then put into the air fryer basket, in one layer if possible. Cook for 10 mins at 190C. 2. While the potatoes are cooking, coat chicken in oil and season with salt and ground black pepper. Once the potatoes have been in for 10 mins, remove them to the side and lay the chicken in the centre of the basket. Cook for 10 mins. 3. Continue cooking in the remaining oil. After the chicken has cooked for 10 mins, remove it from the basket and add the carrots, mixed in with the potatoes, then move both to the sides and put the chicken back into the centre. Cook for 10-15 mins, still at 190C. At this point, the chicken should be cooked – check by inserting a knife into the thickest part and checking the juices run clear. Alternatively, a meat thermometer should read 70C. If it's not quite done, cook for a further 5 mins. Remove the chicken and rest it under a piece of tented foil. 4. Put the peas in a small ovenproof dish or mug with 2 tbsp water and cover with foil to prevent any moisture escaping. Put in the air fryer basket where the chicken was and cook for a final 10 mins at 190C. The potatoes should be golden and crisp, the carrots tender and the peas warmed through. Slice the chicken breast and serve with the vegetables and gravy.

## [View All Meals](#)

To view all the meals served by Nubar, The canteen and the business cafe click on this icon in the navbar. you will be able to click on each meal and view all the macros.

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ALL DCU MEALS !

	Creamy Mushroom Pasta CALORIES 200 Munch Buy €1.00 Like 0 likes
	Pear CALORIES 57 Munch Buy €1.00 Like 0 likes

## Recipes

To view all the recipes please click on this button below on the navbar



All our easy to cook recipes will be listed in this section as shown below.

The screenshot shows a web browser window with the URL `127.0.0.1:8000/all-recipes/`. The page has a light blue header with the DCUMunch logo. Below the header is a navigation bar with icons for a fork and knife, a spoon, a shopping cart, and a profile. The main content area has a light blue background with the heading "QUICK AND EASY RECIPES !". It displays two recipe cards:

- Air fryer roast dinner**  
CALORIES 444  
Munch Like 0 likes
- One-pan spaghetti with nduja, fennel & olives**  
CALORIES 608  
Munch Like 2 likes

The browser's taskbar at the bottom shows various open tabs and system status like weather and date.

## Profile

Once you click on the profile you can view your calories and macros for the day.

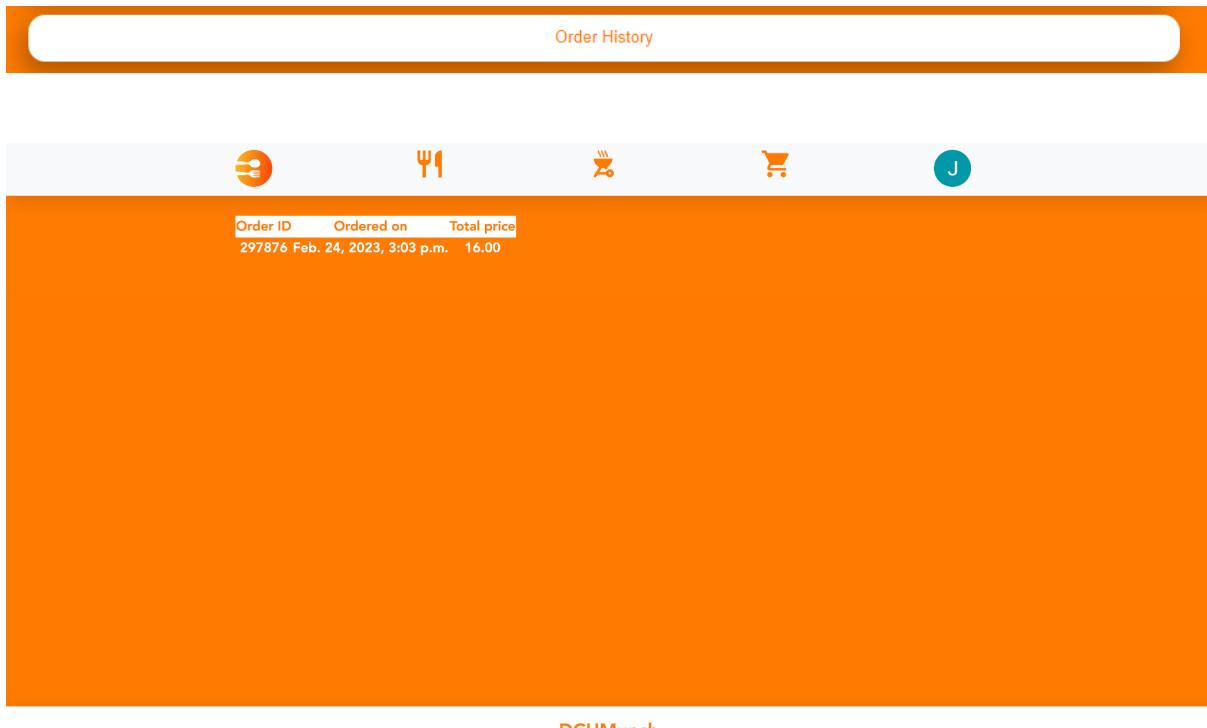
The screenshot shows a web browser window with the URL `127.0.0.1:8000/userprofile/`. The page has a light blue header with the DCUMunch logo. Below the header is a navigation bar with icons for a fork and knife, a spoon, a shopping cart, and a profile. The main content area has a light blue background with the heading "Welcome destiny !". It displays user statistics and navigation links:

- 3043 CALORIES
- 304 CARBS
- 304 PROTEIN
- 67 FATS

Order History  
Munch Diary  
Logout

The browser's taskbar at the bottom shows various open tabs and system status like weather and date.

You can view your **Order History** which showcases all the orders that you have placed.



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### **Munch Diary**

The munch diary is placed under the user profile. Here you can add meals that you have already eaten or paid for without using the app. Once you click much on a meal it will appear here and it'll decrease your calorie count for the day and macros. You can also remove items from your munch diary.



The screenshot shows the DCUMunch mobile application interface. At the top, there is a navigation bar with icons for a fork and knife, a wok, a shopping cart, and a user profile. Below the navigation bar, the title "Munch Diary" is displayed, followed by "Fruit Bowl X1". The main content area features a card for the "Fruit Bowl" meal, which includes a small image of the dish, nutritional information (55 CALORIES, 14.30 CARBS, 0.41 PROTEIN, 0.08 FATS), and a "Remove" button. Below this, another card is shown for "Creamy Mushroom Pasta X1", also featuring a dish image and nutritional information (200 CALORIES, 21.91 CARBS, 6.26 PROTEIN, 7.42 FATS), along with a "Remove" button. At the bottom of the screen, the text "DCUMunch" is visible.

## Shopping basket

Located on the navbar you will see the shopping basket. Here you can see the meals you are about to place an order for. You can also remove items from the shopping basket

The screenshot shows the DCUMunch mobile application interface. At the top, there is a navigation bar with icons for a fork and knife, a wok, a shopping cart, and a user profile. Below the navigation bar, the title "YOUR BASKET" is displayed. The main content area lists three items in the shopping basket: "Chicken Soup" (€ 1.97, X1), "Noodle Box" (€ 5.00, X1), and "Creamy Mushroom Pasta" (€ 5.00, X1). Each item has a "Remove" button below it. At the bottom of the screen, the text "DCUMunch" is visible.

## **Placing an order**

Once you're ready to place an order for your meals. Click on the shopping basket icon and click on order, it'll ask you to enter your details e.g name email and student ID.

Name:  Email:  StudentId:  Order

Please do so and click the order button. You will be provided with a QR code that you will bring to the given food outlet to collect your order.

**Your food will be ready very soon !**

Location: Nubar,Nubar



[Back Home](#)

### 3. Admin instructions

#### Log in

After the application has started. Admins can log in using their given usernames and passwords.

Username: Nubarstaff

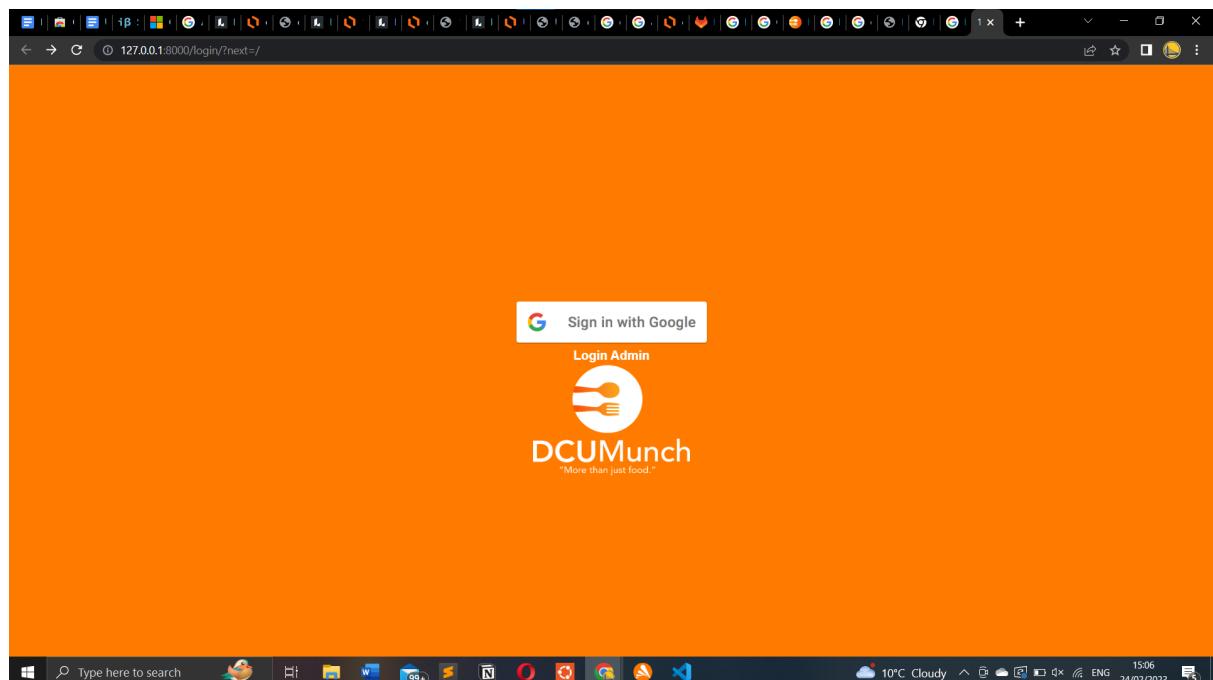
Password: dcustaff1

Username: Canteenstaff

Password: dcustaff2

Username: Cafestaff

Password: dcustaff3



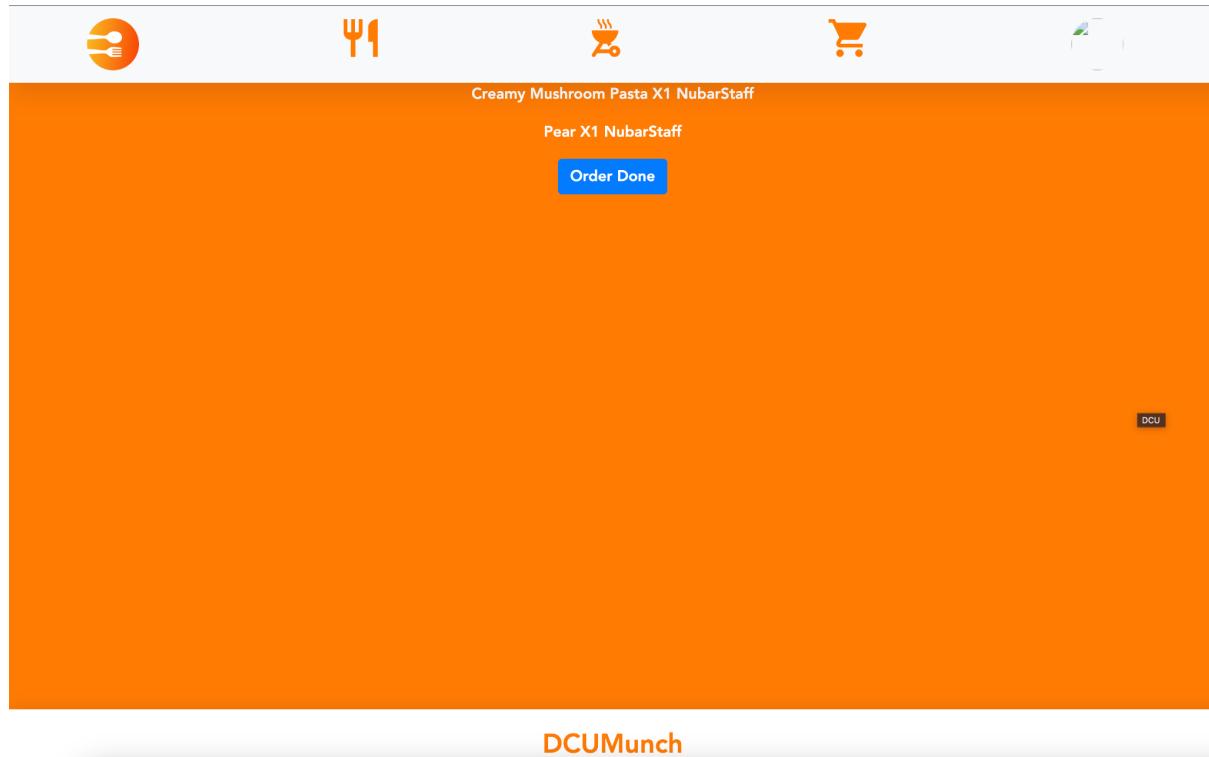
## Home Page

This is the admin home page where each admin user can add, change menus and recipes and view orders. The admin user also has quick actions to view current orders, add meals using our search function, see the user insights and create a normal custom meal from scratch.

The screenshot shows the DCU Munch admin interface. At the top, there's a teal header bar with the text "DCU Munch" on the left and "WELCOME, NUBARSTAFF. VIEW SITE / CHANGE PASSWORD / LOG OUT" on the right. Below the header is a dark blue sidebar on the left containing the text "Site administration". Under "Site administration", there's a section titled "Quick Actions" with links to "Current Orders", "Quick Add Meal", "User Statistics", and "Custom Meal". Below this is a table with three rows: "Meals" (with "+ Add" and "Change" buttons), "Orders" (with "View" button), and "Recipes" (with "+ Add" and "Change" buttons). To the right of the sidebar is a white main content area. In the top right corner of this area, there's a dark grey box containing "Recent actions" (empty), "My actions" (empty), and a message "None available".

## **Current Orders**

Here the admin can see what orders are coming up and from what user. To see what meals they have to make. Staff can also scan the Qr code given by users. This Qr code will give a text string containing the username, basket id and student number. The admin user can then press order done to confirm the order was completed and paid for.



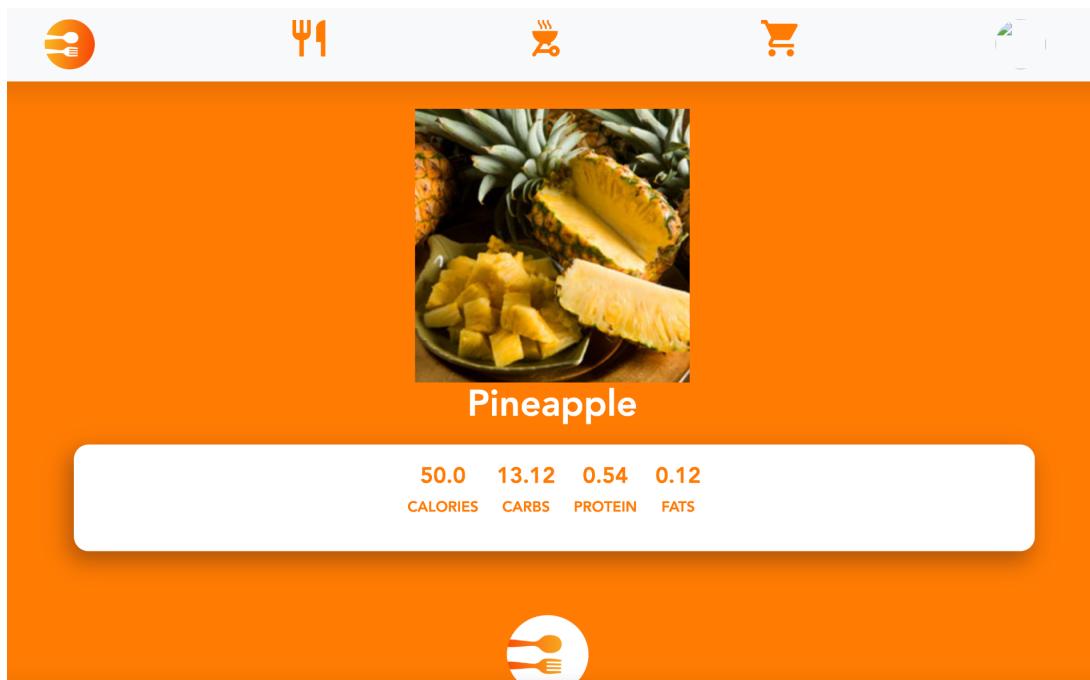
### Quick Add Meal

Here admin users can use the search function to easily add in meals if there is a new meal in the menu.



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Admins can then see the product image and all the macronutrients for that product and scroll to see different alternatives.



Admins can then choose which meal outlet they would like to add it to. Nubar, Cafeteria or Cafe.

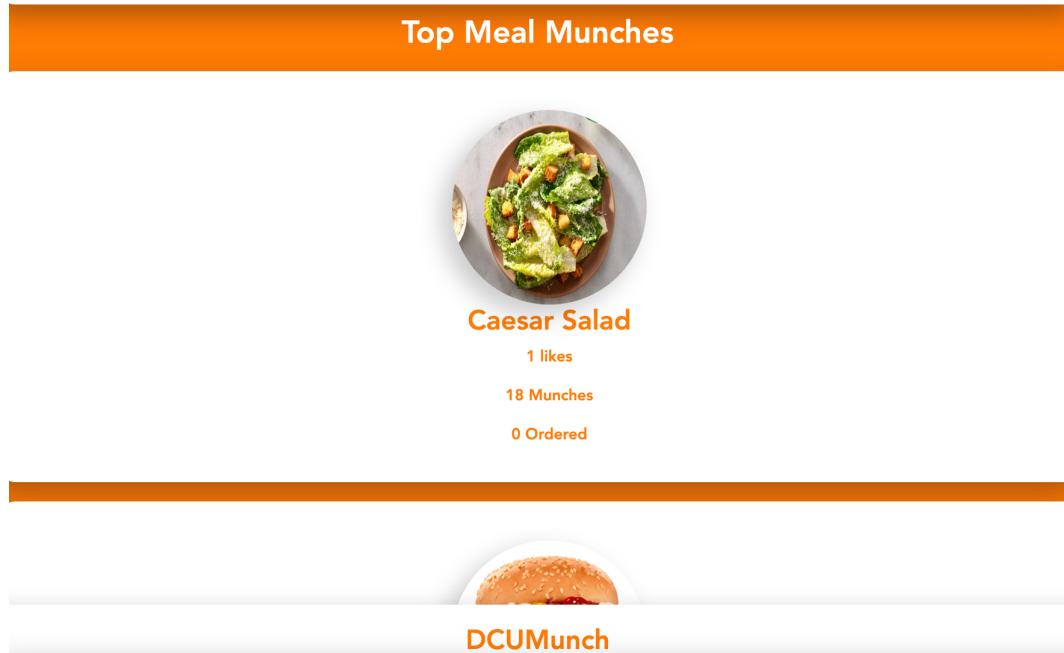


Admins will then be taken to the edit meal page to add customisation of information like the allergens etc.

Change meal	
<b>Pineapple</b>	<small>HISTORY</small>
<b>Id:</b>	749662
<b>Image:</b>	Currently: meals/image_WTAXijq.jpg Change: <input type="button" value="Choose file"/> No file chosen
<b>Manu id:</b>	Nubar
<b>Name:</b>	Pineapple
<b>Desc:</b>	(Empty text area)
<b>Price:</b>	0.00

## User Statistics

Admins can then see their most liked, bought and munched meal or recipe through the user statistics.



## Custom Meal

Admins can click on the link to add their own meals without using the search function. Admin users must put in a random id, image and various fields to create the meal.

A screenshot of the Django administration interface. The top navigation bar shows "Django administration" and the user "WELCOME, ADEDAYJ2. VIEW SITE / CHANGE PASSWORD / LOG OUT". The left sidebar has a "DCUMUNCH" section selected, which includes links for "Basket items", "Baskets", "Like meals", "Like recipes", "Meals", "Menus", "Munch basket items", "Munch baskets", "Orders", and "Recipes". The main content area is titled "Add meal". It contains several form fields: "Id" (with a dropdown menu), "Image" (with a "Choose file" button and "No file chosen" message), "Manu id" (with a dropdown menu and a plus sign icon), "Name" (with a large text input field), "Desc:" (with a large text input field), "Price" (with a "0.0" value), and "Calories" (with a "0" value). The entire interface has a dark theme.