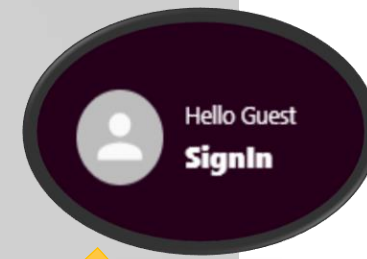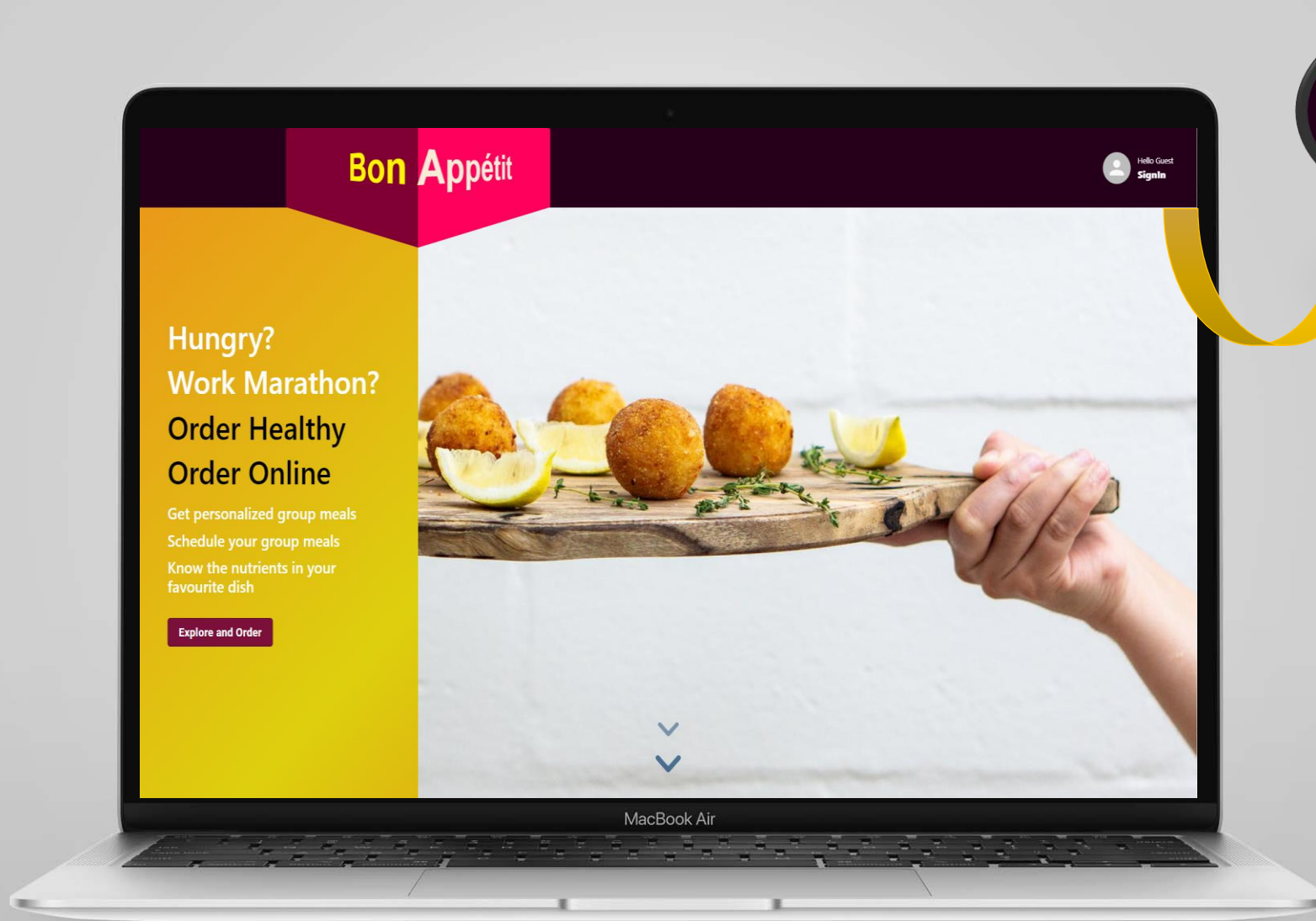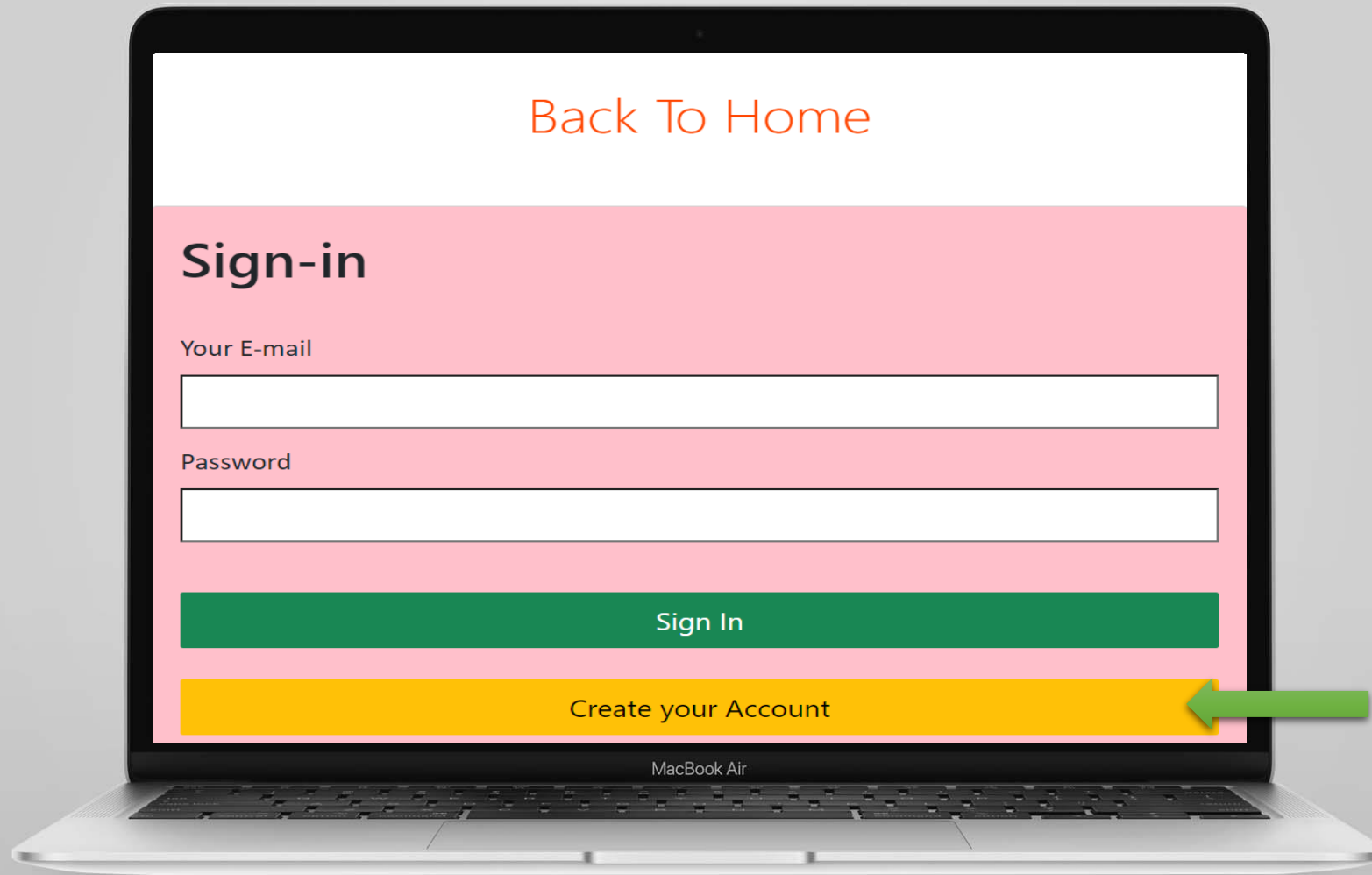# Dobrý deň
We are Team: Dynamic Duo
Members:
Bipul Gautam & Divyansh Tripathi
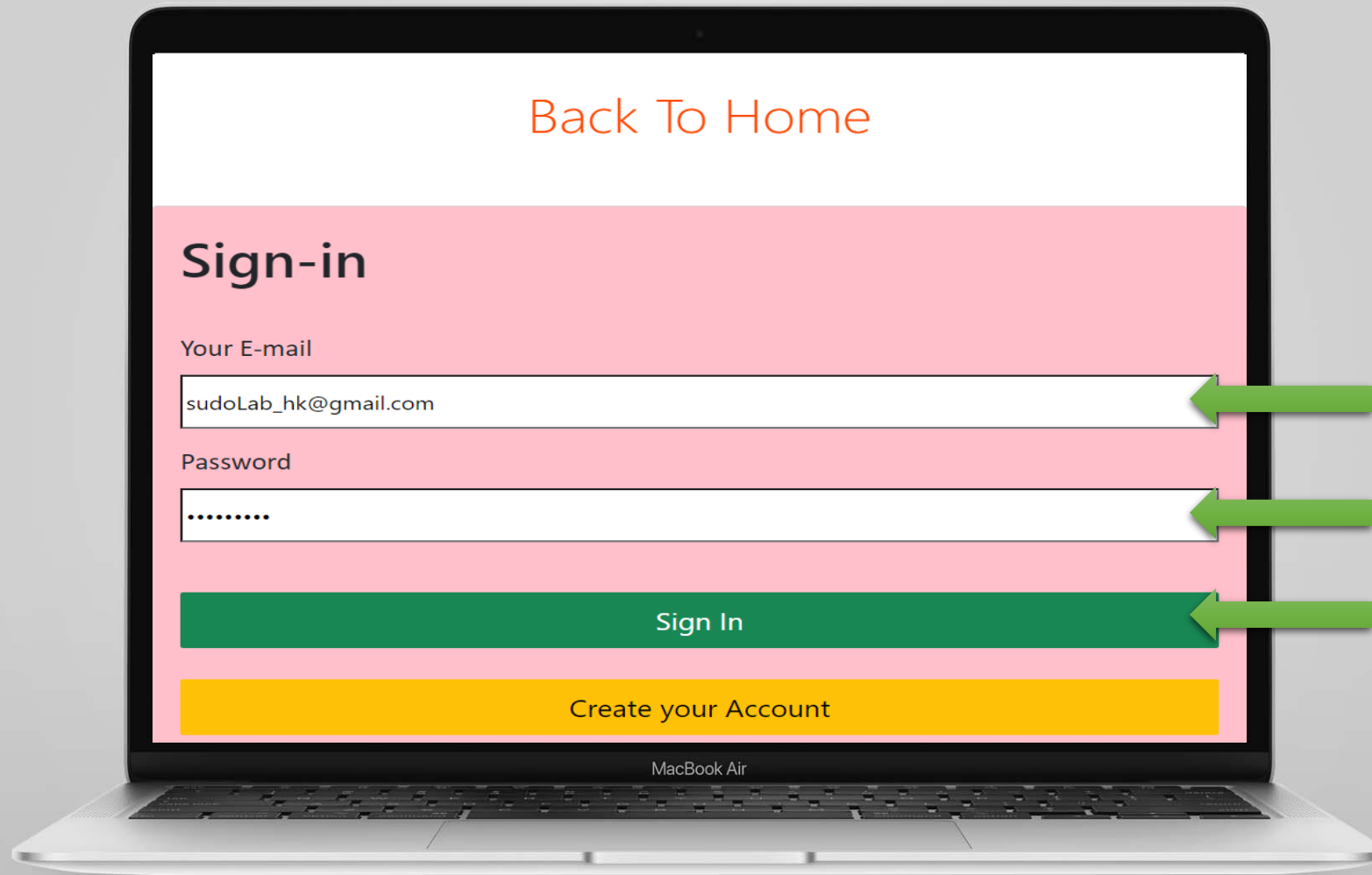

Here we present our Hack

Visit the Website and Sign In
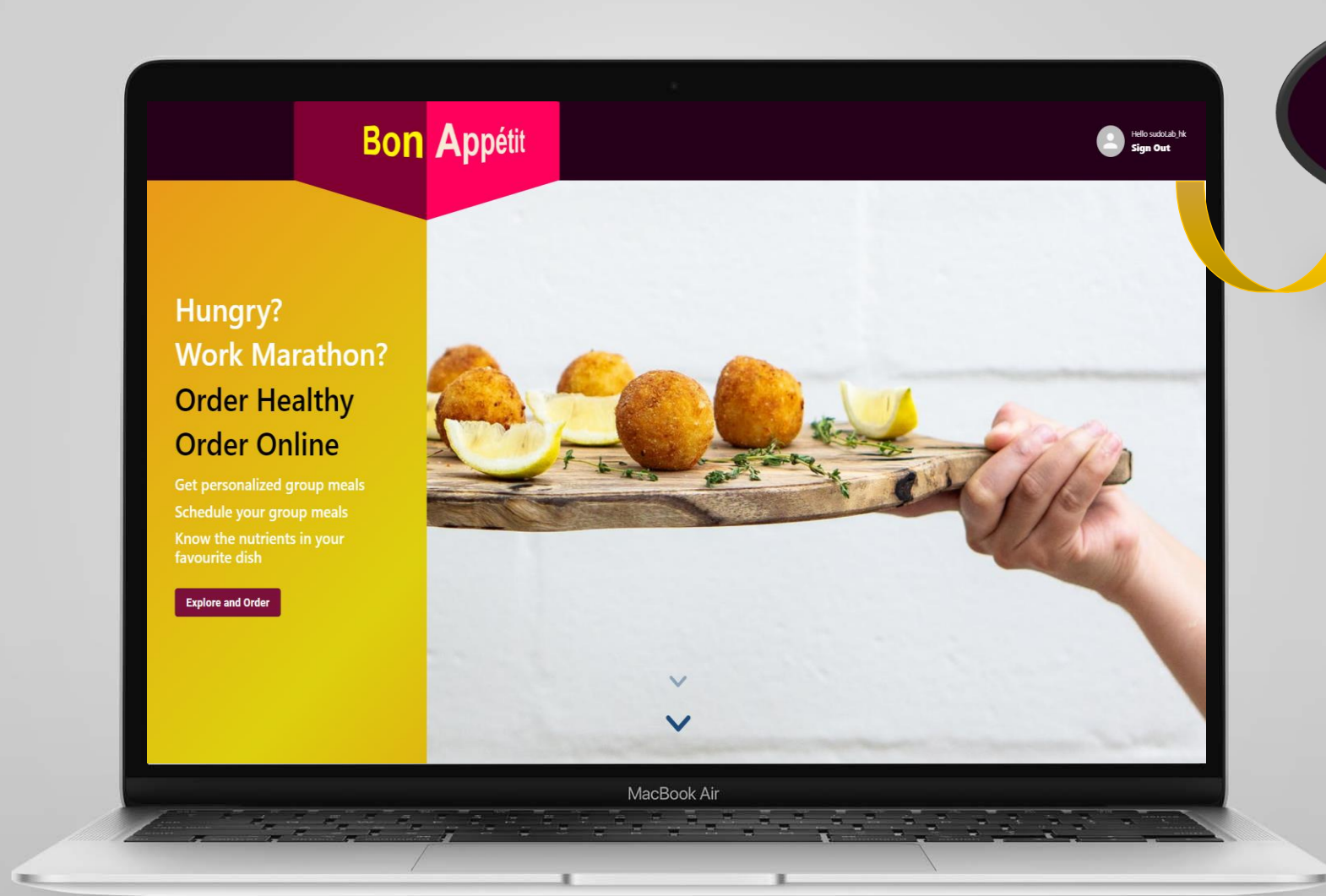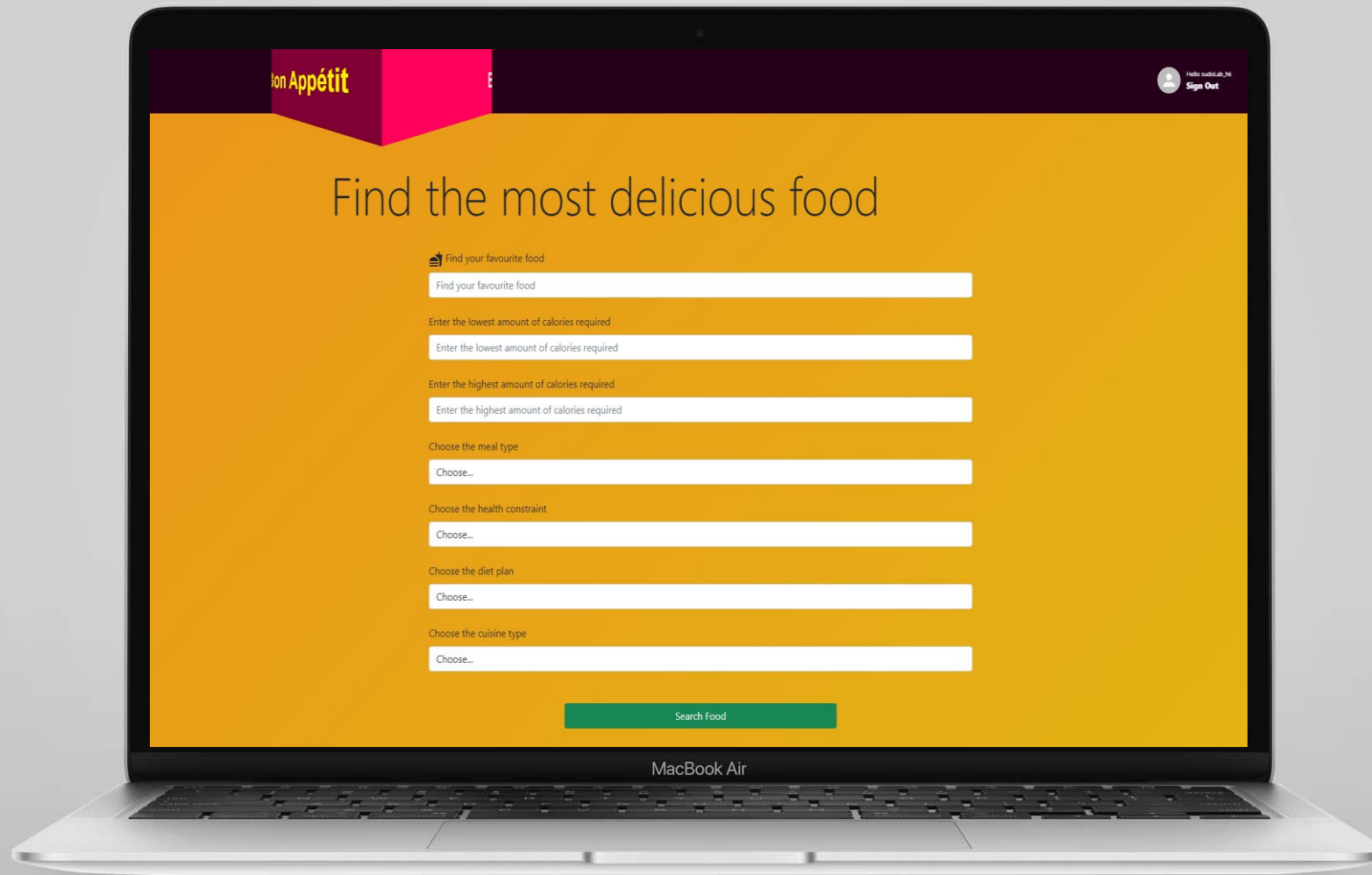
Fill in the details about the food you want to eat
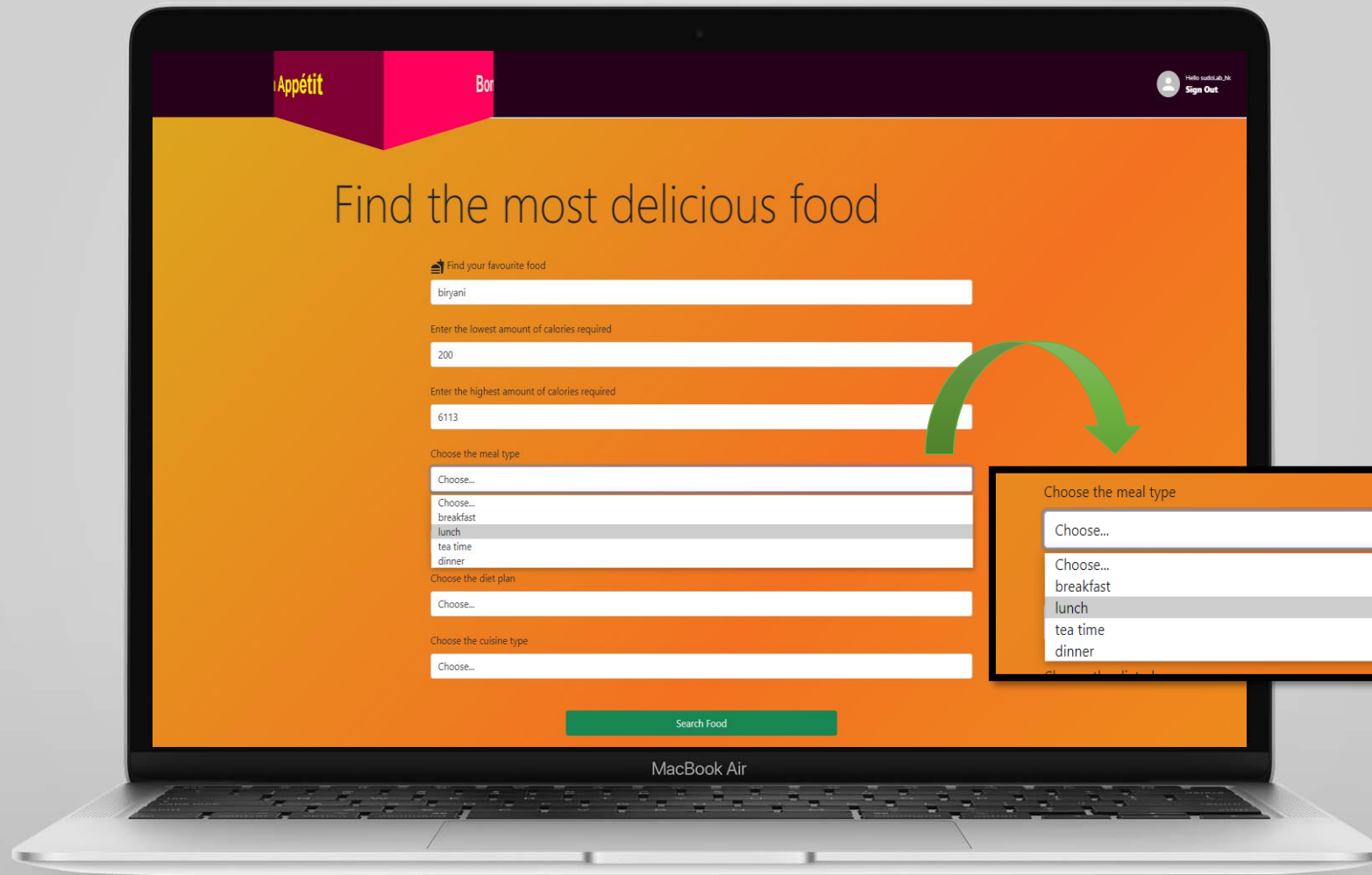
You can choose what kind of meal you want

Chose the health constraints to order healthy food

Chose the diet plan acc. to Need
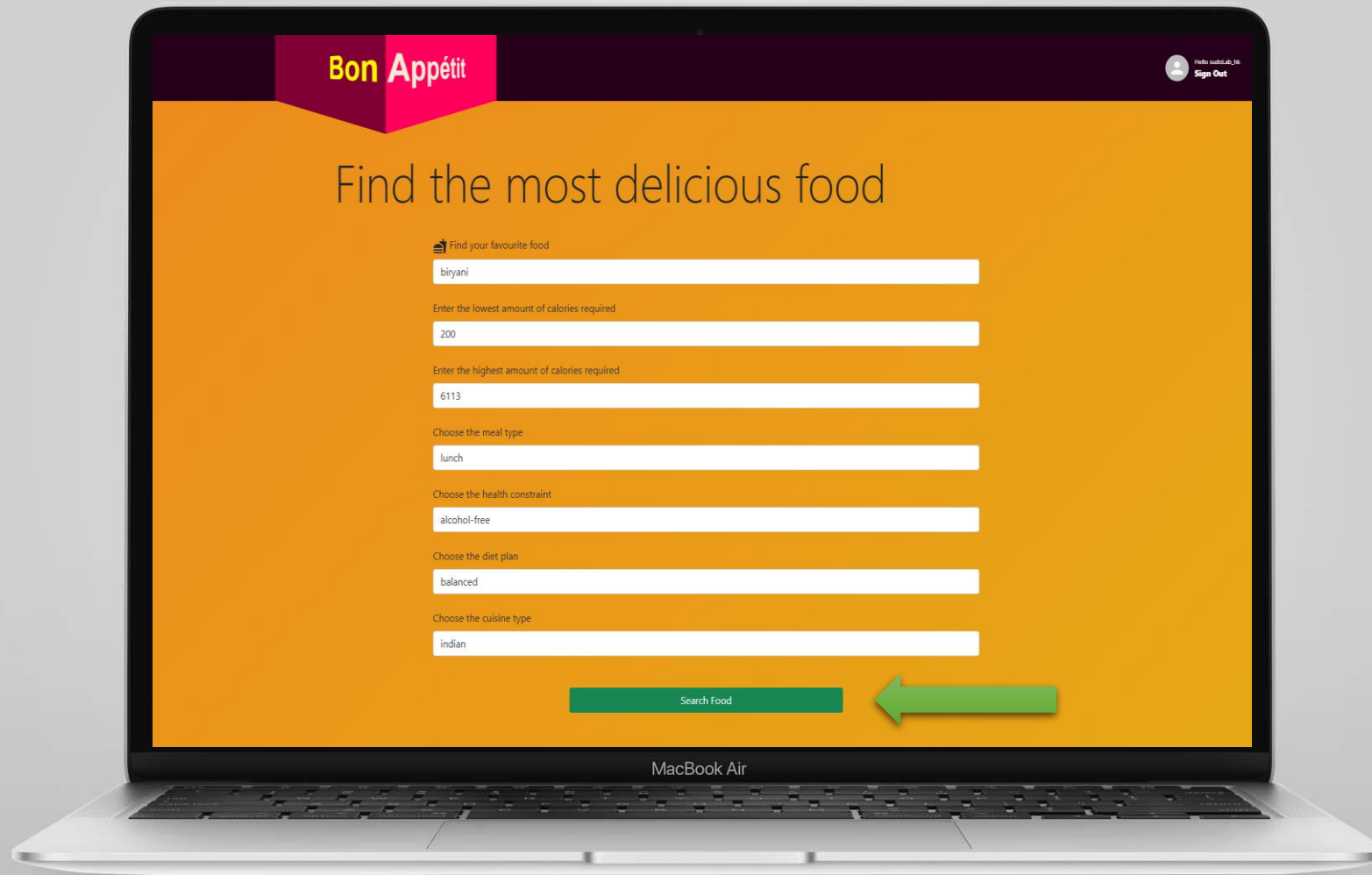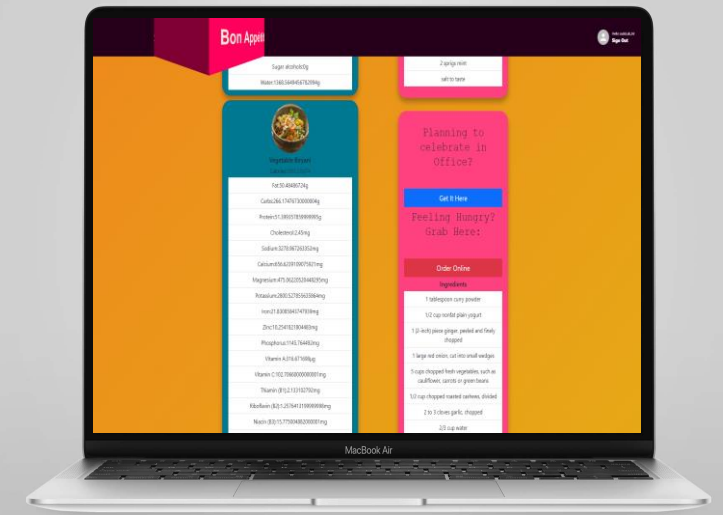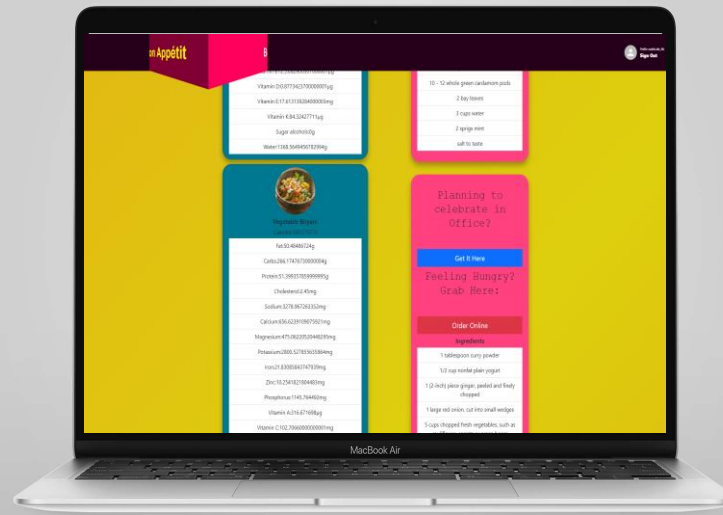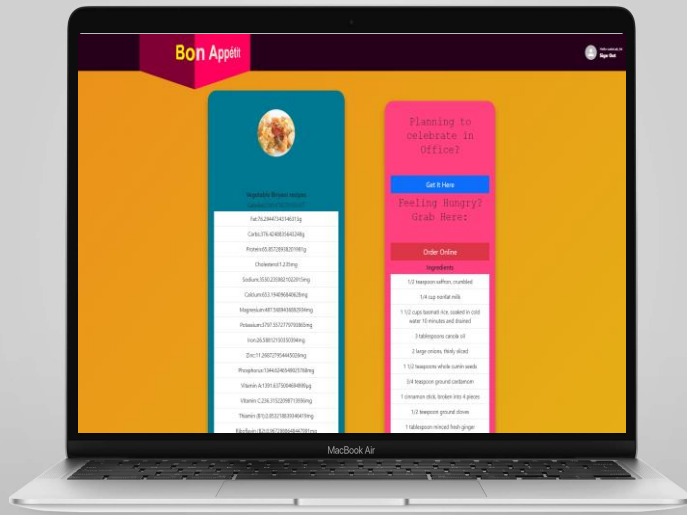
Get variety of results from Nearby Restaurants
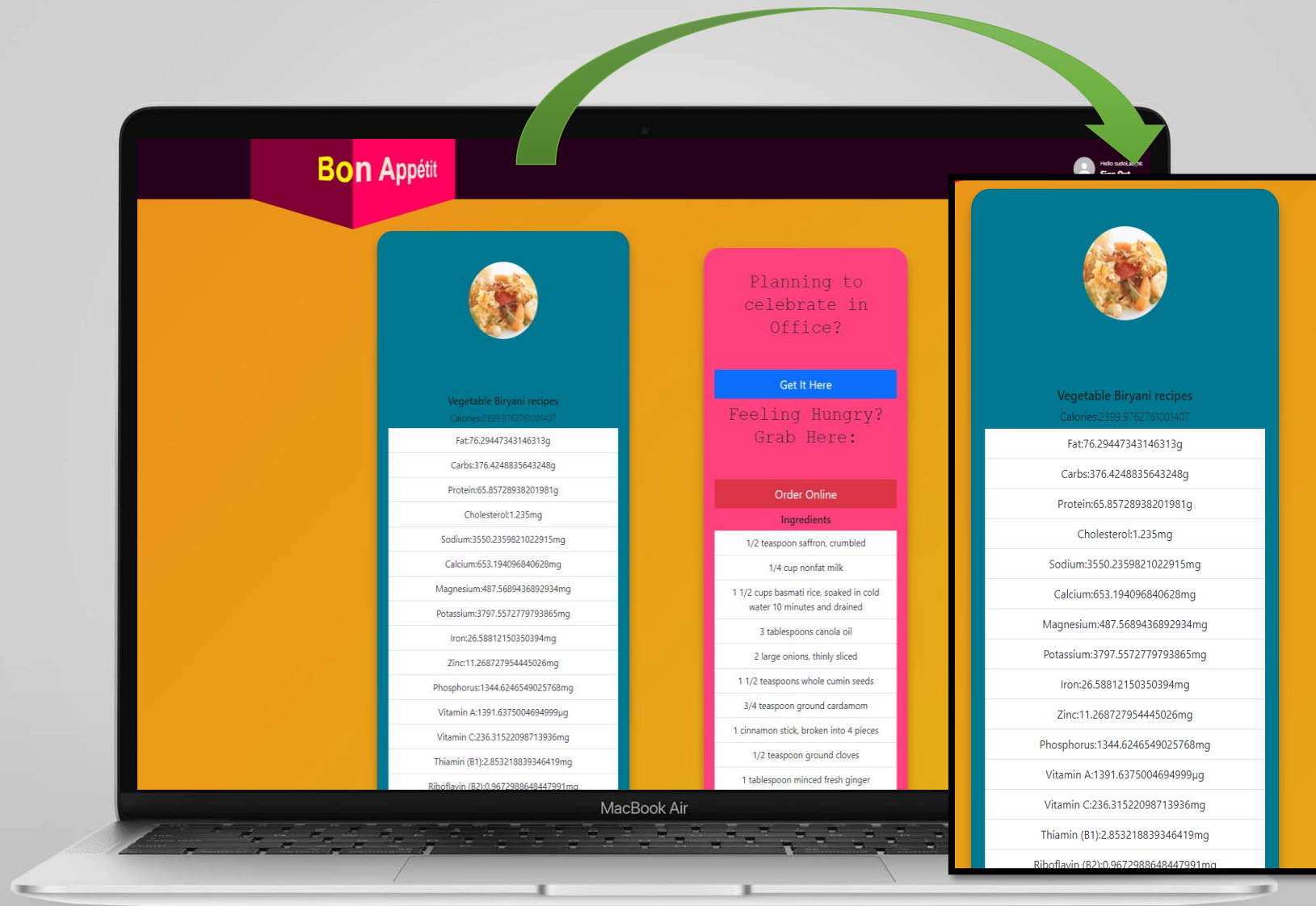
Get the nutrients and ingredients details to choose which one suits your health and taste best.
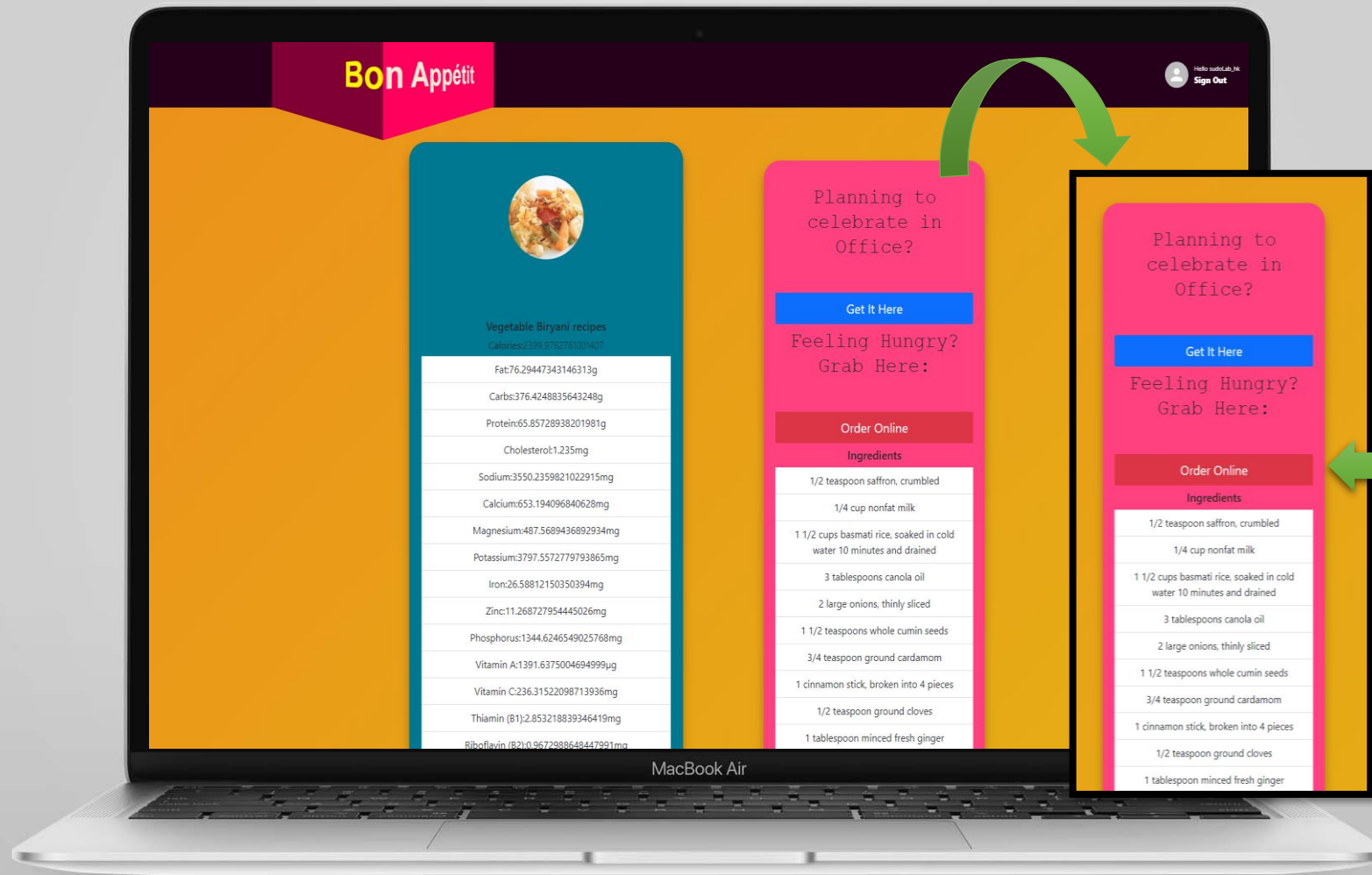
You can get the recipe if you want to create on your own.
Or
Order Online
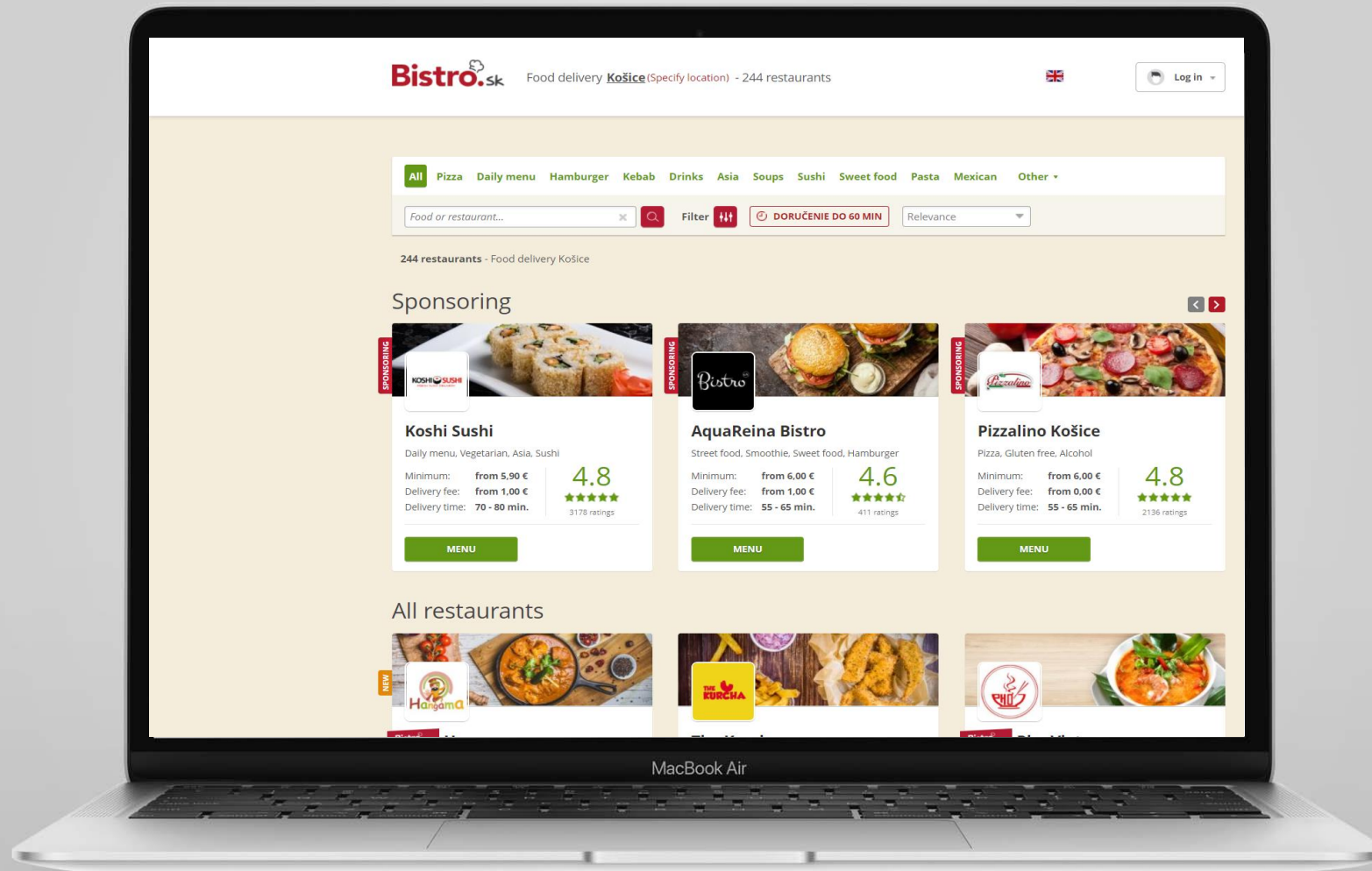
Get the food
From any
Pre existing
Online food
Delivery
Service. Like
Bistro, Zomato.
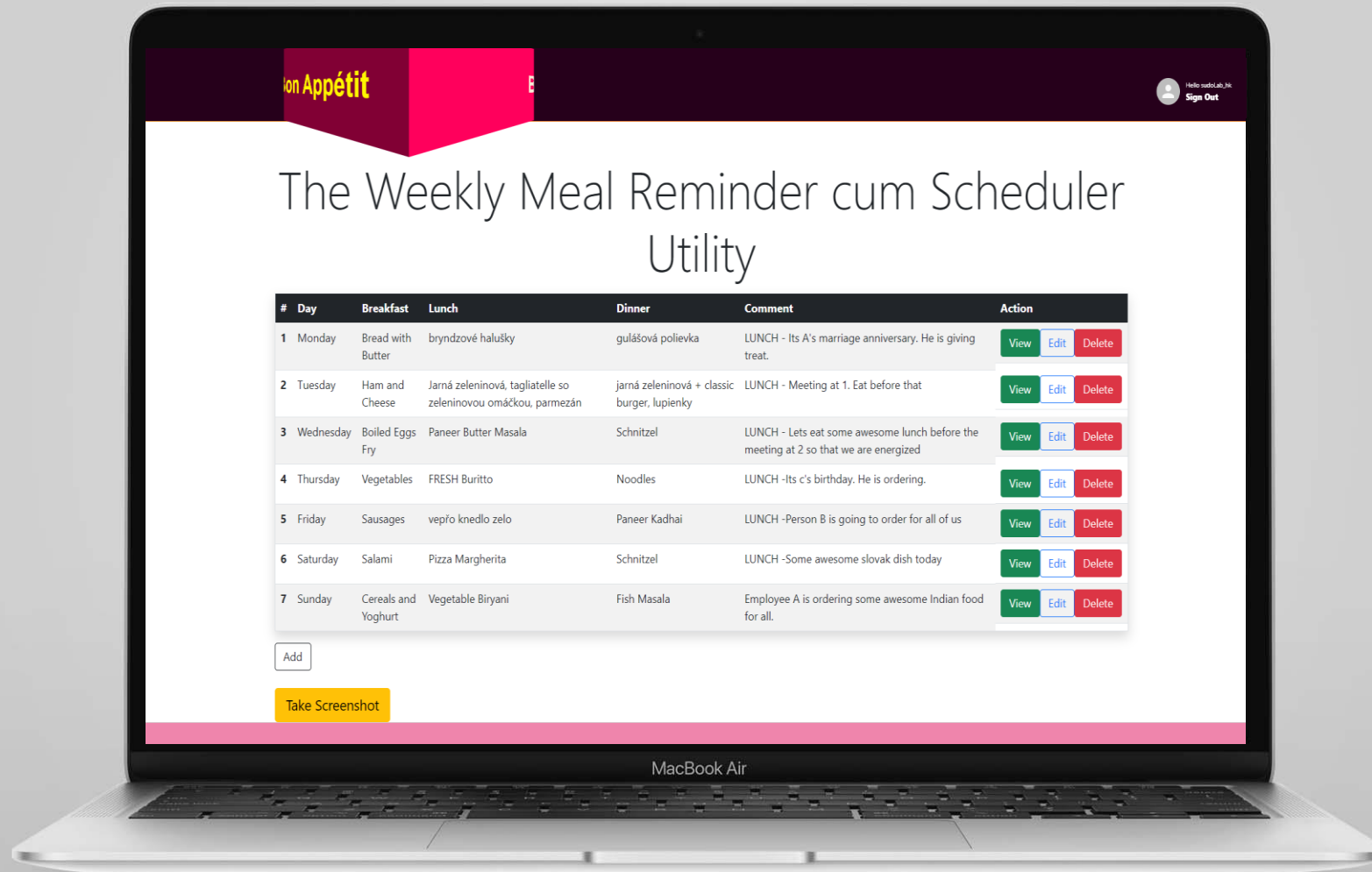
Using scheduler you can decide Who will order What and When
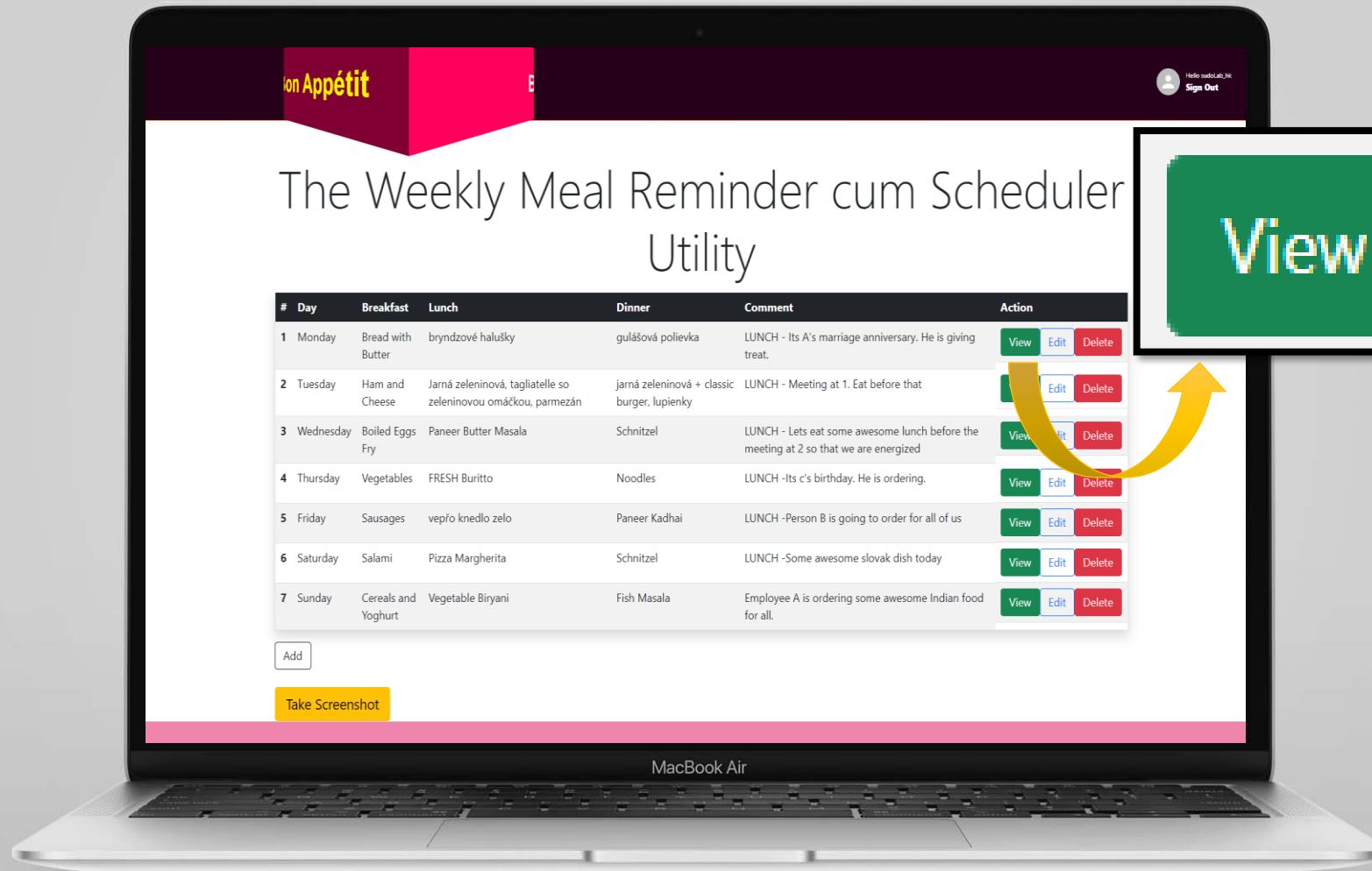
Bon **Appétit**

3	Wednesday	Boil... Fry	
4	Thursday	Vegetables	FRESH Buritto
5	Friday	Sausages	vepřo knedlo zelo
6	Saturday	Salami	Pizza Margherita
7	Sunday	Cereals and Yoghurt	Vegetable Biryani

Add

Take Screenshot

Item Id: 1

Day of the week: Monday
Breakfast Dish: Bread with Butter
Lunch Dish: bryndzové halušky
Dinner Dish: gulášová polievka
comment: LUNCH - Its A's marriage anniversary. He is giving treat.

Take Screenshot

Item Id: 1

Day of the week: Monday
Breakfast Dish: Bread with Butter
Lunch Dish: bryndzové halušky
Dinner Dish: gulášová polievka
comment: LUNCH - Its A's marriage anniversary. He is giving treat.

The Weekly Meal Reminder cum Scheduler Utility
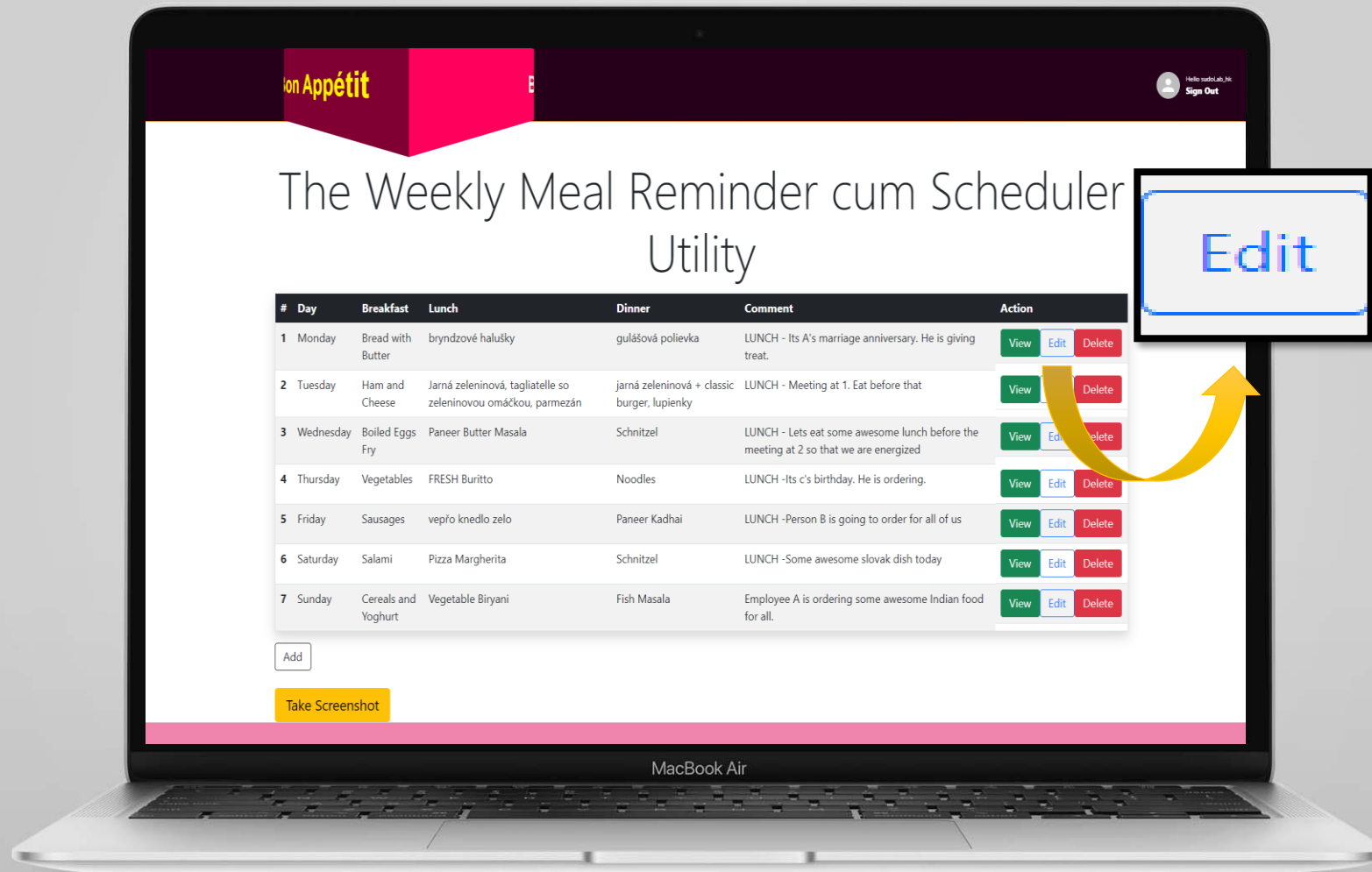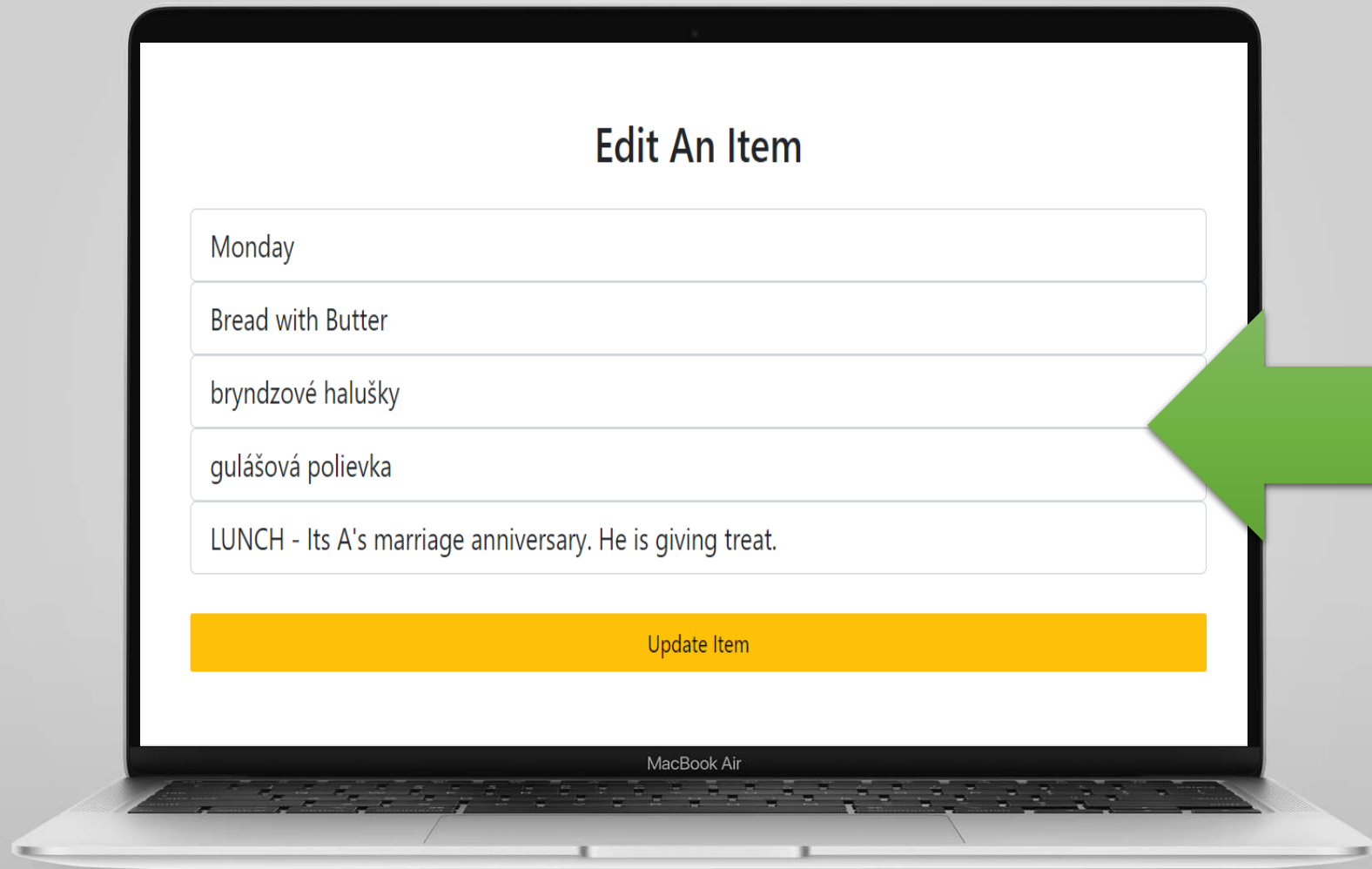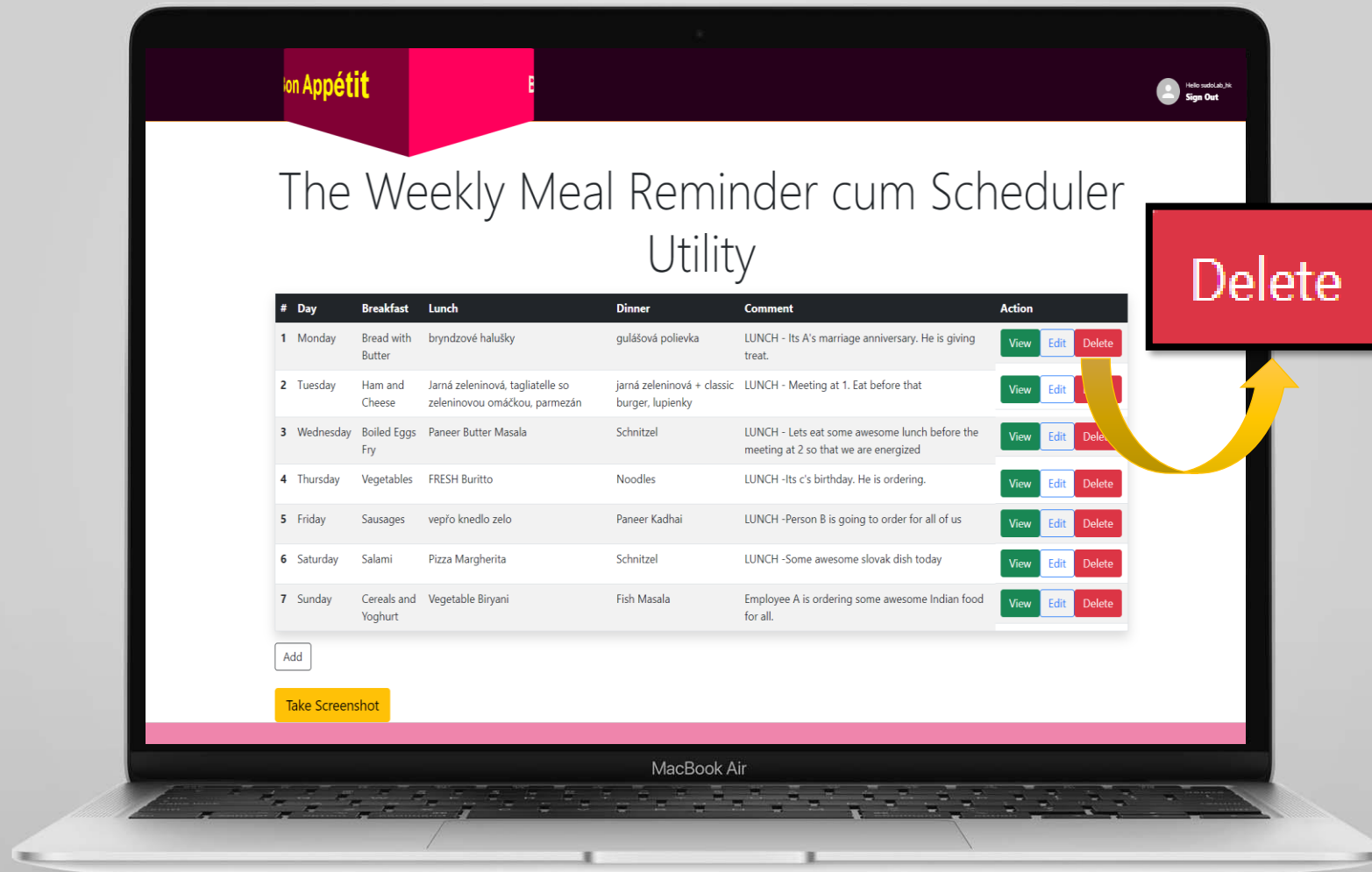
Click on Delete to completely change the meals on that day.
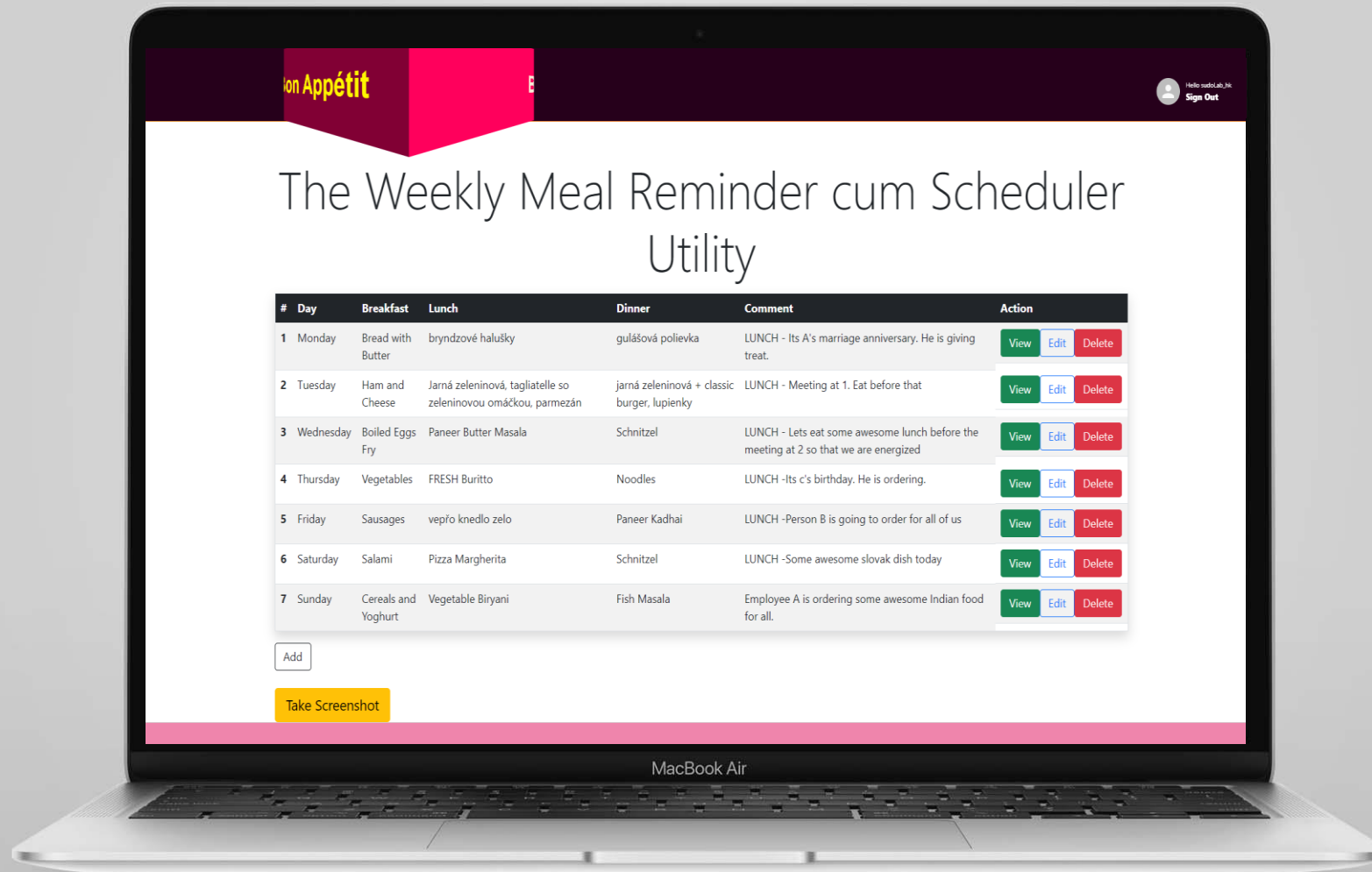
Along with this, Health alert Notifications will also be given to ensure Healthy Life of Customer.

Let's first talk about the challenges and what could be done then we will talk about the programming solutions that we have proposed.

1. **Take a walk:** 40 min ✖ 3 times a week = brain growth + better health
2. **Start a daily walk group:** At a specific time form a group that would get together and go for a 20-minute walk somewhere. Also a daily walk group increases productivity
3. **Protect your eyes:** Follow the "20/20/20 rule" to prevent focus fatigue and eye lockup. After every 20 minutes, look at something 20 feet away, for 20 seconds. This saves us from dry eyes.
4. **Take a healthy diet:** Healthy diet is very crucial for our health. Cut the caffeine levels. Drink Fruit Juice and take healthy diet. Your group can also go ahead and plan the weeks meal and we will come up with automated reminders and lucrative diet plan and schedule.
5. **Drink More Water:** We need to stay hydrated; and staying healthy is key to keeping our energy levels up, maintaining a good mood, and accomplishing our goal. So if you are so engrossed in developing some awesome apps and things, our programming utilities can come to your rescue.

Wondering what this data could do?

| #	Day	Breakfast	Lunch	Dinner	Comment	Action
1	Monday	Bread with Butter	bryndzové halušky	gulášová polievka	LUNCH - Its A's marriage anniversary. He is giving treat.	View Edit Delete
2	Tuesday	Ham and Cheese	Jarná zeleninová, tagliatelle so zeleninovou omáčkou, parmezán	jarná zeleninová + classic burger, lupienky	LUNCH - Meeting at 1. Eat before that	View Edit Delete
3	Wednesday	Boiled Eggs Fry	Paneer Butter Masala	Schnitzel	LUNCH - Lets eat some awesome lunch before the meeting at 2 so that we are energized	View Edit Delete
4	Thursday	Vegetables	FRESH Buritto	Noodles	LUNCH -Its c's birthday. He is ordering.	View Edit Delete
5	Friday	Sausages	vepřo knedlo zelo	Paneer Kadhai	LUNCH -Person B is going to order for all of us	View Edit Delete
6	Saturday	Salami	Pizza Margherita	Schnitzel	LUNCH -Some awesome slovak dish today	View Edit Delete
7	Sunday	Cereals and Yoghurt	Vegetable Biryani	Fish Masala	Employee A is ordering some awesome Indian food for all.	View Edit Delete

Add

Let's say employee A eats an item dish d very frequently. Another employee B also eats very frequently that item d and a few other dishes. Now if our system gets to know the degree of similarities of their taste needs and if it is very similar so the next time if employee A orders some dish and likes it, Employee B would also very likely like that. All this can be simply inferred by the collaborative filtering- based recommendation model.
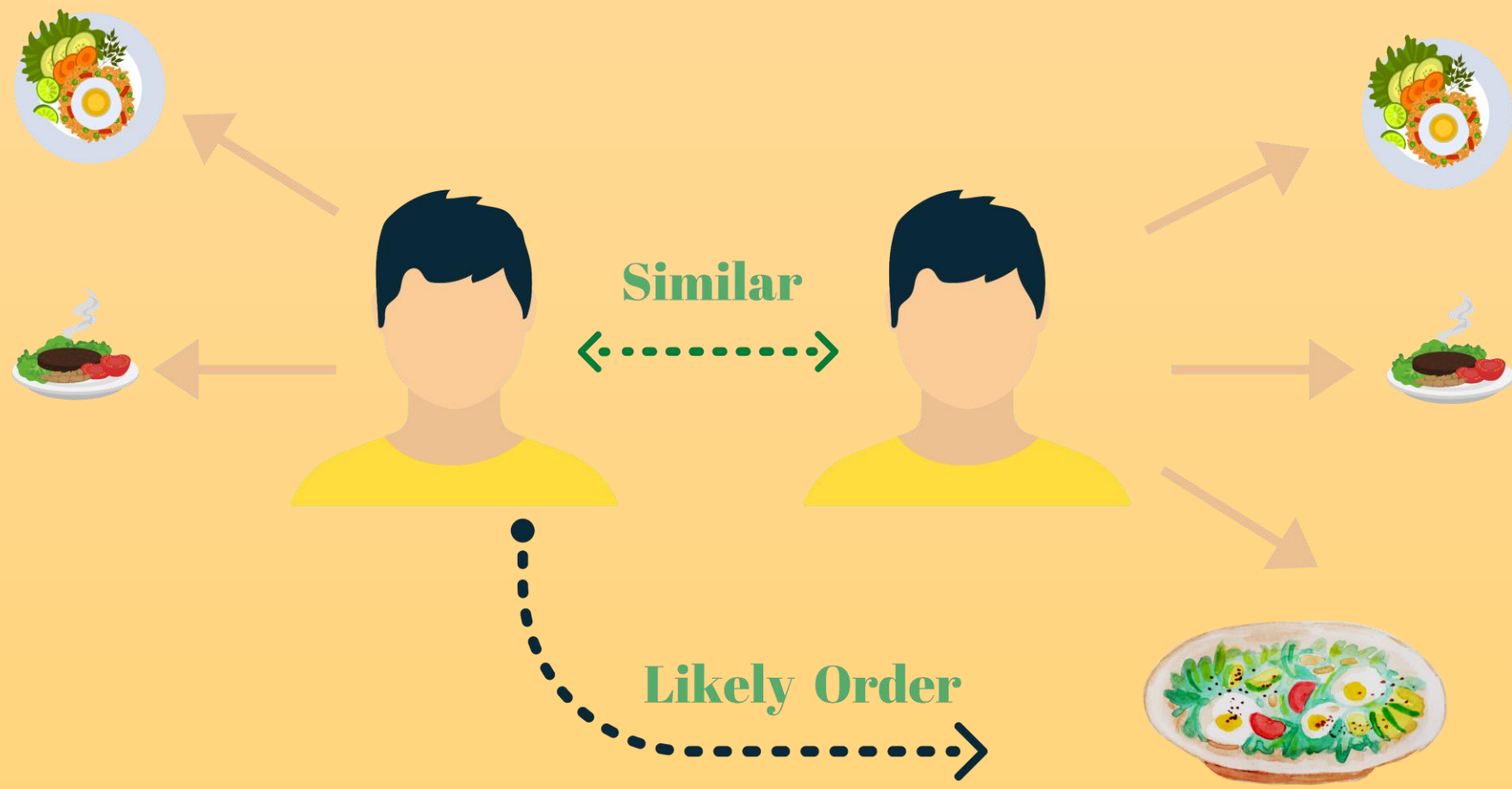
Let's take a look at the aspects of it:

1. It should be able to measure the similarity between the lunch needs of the employees.

2. Use cosine similarity to measure the similarity between a pair of vectors.

3. Use the model to identify similar taste needs and recommend dishes.

The Approach would be to:

1. Create a similarity matrix

2. Then recommend items using KNN

3. Finally sort the items

One could also use the Pearson correlation which is a more modified version. Basically sky is the limit here.

THANK YOU