`tests.yml` `passing`

Exam in PG6301 Webutvikling og API-design

Kandidatnr: 1009

Link to repository: https://github.com/sebastiannordby/pgr6301_exam

Test Coverage Express
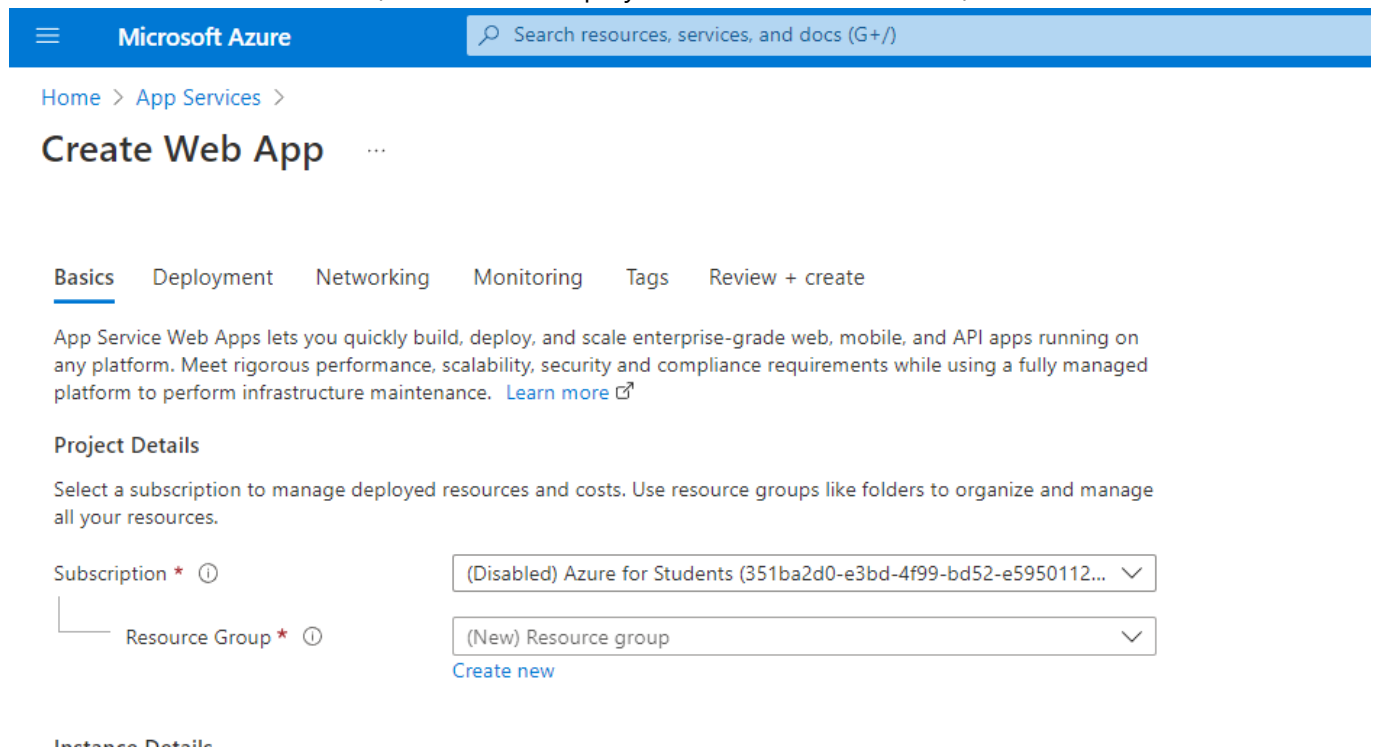
- All endpoints are tested
- Socket is not tested

```
---------------------------|---------|----------|---------|---------|-------------------
File                       | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
---------------------------|---------|----------|---------|---------|-------------------
All files                  |   84.26 |    74.32 |      92 |   84.26 |
 server                    |     100 |      100 |     100 |     100 |
  testing-utilities.js     |     100 |      100 |     100 |     100 |
 server/apis               |   89.03 |    83.33 |     100 |   89.03 |
  admin_api.js             |    82.6 |    83.33 |     100 |    82.6 | 18-19,28-29
  chat_api.js              |    91.3 |       70 |     100 |    91.3 | 22-23
  customer_api.js          |   83.33 |    86.36 |     100 |   83.33 | 50-51,55-56,60-61
  dishes_api.js            |   93.75 |     87.5 |     100 |   93.75 | 83-87
  order_api.js             |   92.68 |    85.71 |     100 |   92.68 | 29-30,72
 server/sockets            |       0 |        0 |       0 |       0 |
  admin-socket-handler.js  |       0 |        0 |       0 |       0 | 4-16
  customer-socket.handler.js |     0 |        0 |       0 |       0 | 4-24
---------------------------|---------|----------|---------|---------|-------------------
```

-

What has been done

☑ Some form of Login and access control

- ☑ Jest tests
- ☐ Snapshot tests
- ☐ Simulate + jest.fn
- ☑ Supertest/Superagent
- ☐ Github Actions with coverage report
- ☐ Deployment to cloud (in this case, Azure)
- ☑ Mongodb
- ☑ Navigating in the application using React Router (remember Express Middleware)
- ☑ Reading data from the server (remember error handling)
- ☑ Writing data to the server
- ☑ Websockets
- ☑ Adding dishes
- ☑ Creating and signin Customer
- ☑ Signin Admin
- ☑ Create, edit and remove dishes
- ☑ Support chat with sockes: both admin and customer
- ☑ Customer can order dishes to an address with delivery time

IMPORTANT - Azure and Repo

This app could not be published to Azure since my account has been disabled. The account was disabled because of insufficient credits(has been used up by other courses at Kristiania). Proof:

I also had to migrate my repository, because the Github classroom was not configured correctly(Settings button invisible):
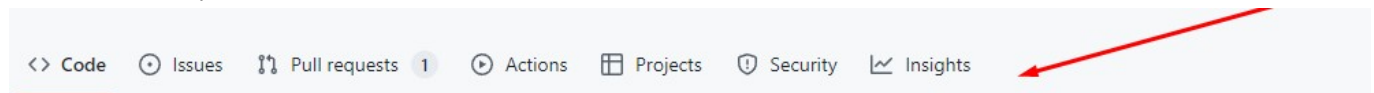
This unfortunately led to alot of frustration and i ended up settling with a lower grade.

Predefined Admin Logins
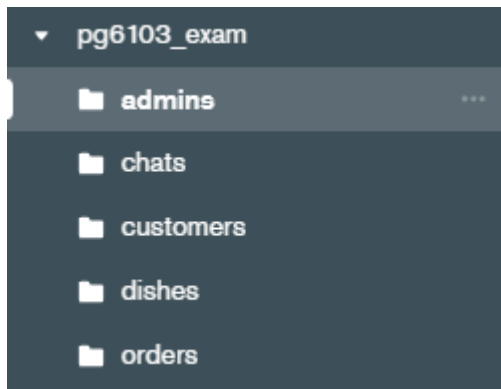
Username: admin | Password: admin

Username: indish | Password: pass

Predefined Customer Logins
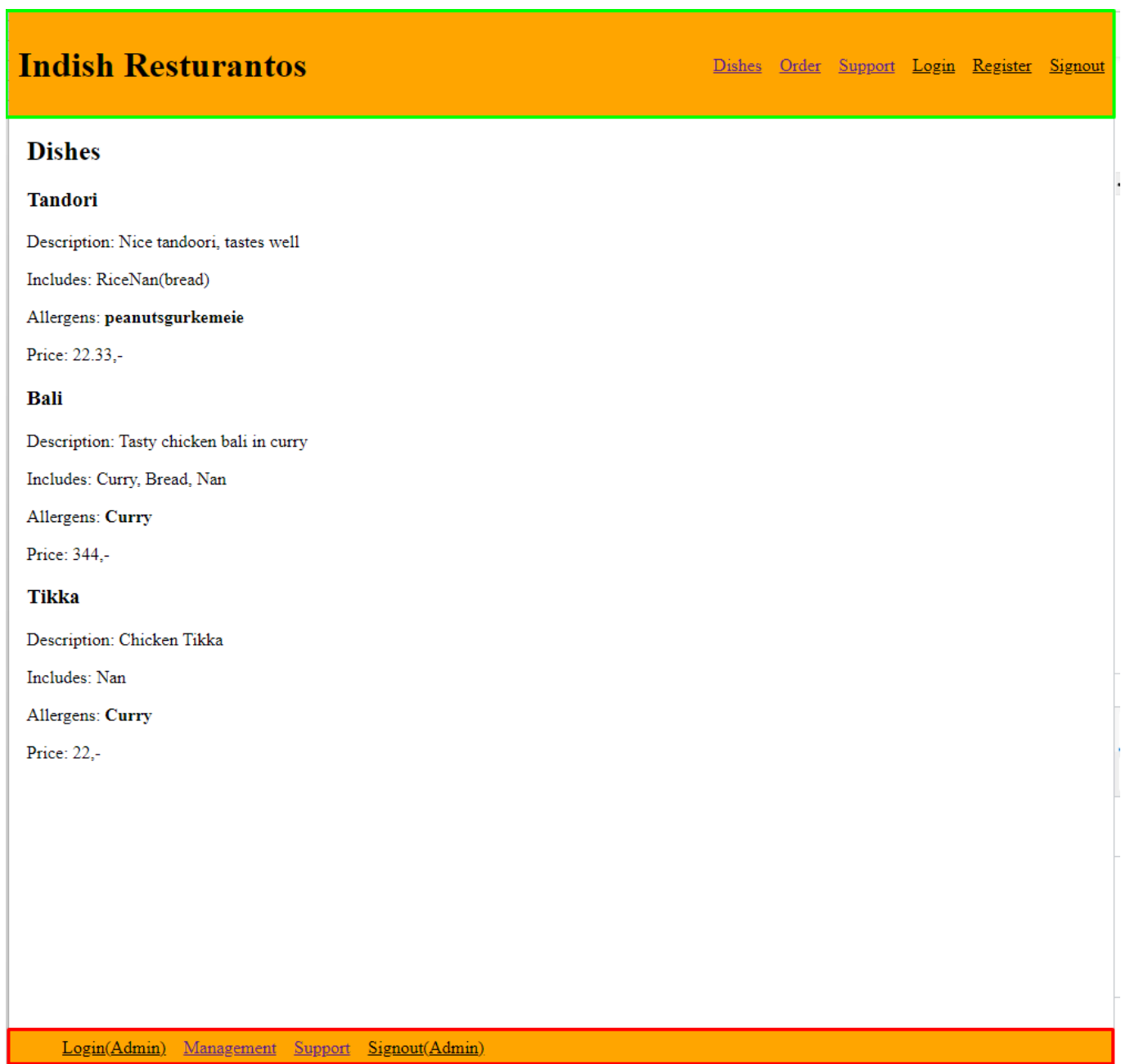
Username: gluten | Password: glut1

Username: sensor | Password: pass

Database

- ▾ pg6103_exam
  - 📁 admins
  - 📁 chats
  - 📁 customers
  - 📁 dishes
  - 📁 orders

Documentation

Section marked in green is for the customer. Section marked in red is for the administrator.

Indish Resturantos   Dishes   Order   Support   Login   Register   Signout

Dishes

Tandori

Description: Nice tandoori, tastes well

Includes: RiceNan(bread)

Allergens: **peanutsgurkemeie**

Price: 22.33,-

Bali

Description: Tasty chicken bali in curry

Includes: Curry, Bread, Nan

Allergens: **Curry**

Price: 344,-

Tikka

Description: Chicken Tikka

Includes: Nan

Allergens: **Curry**

Price: 22,-

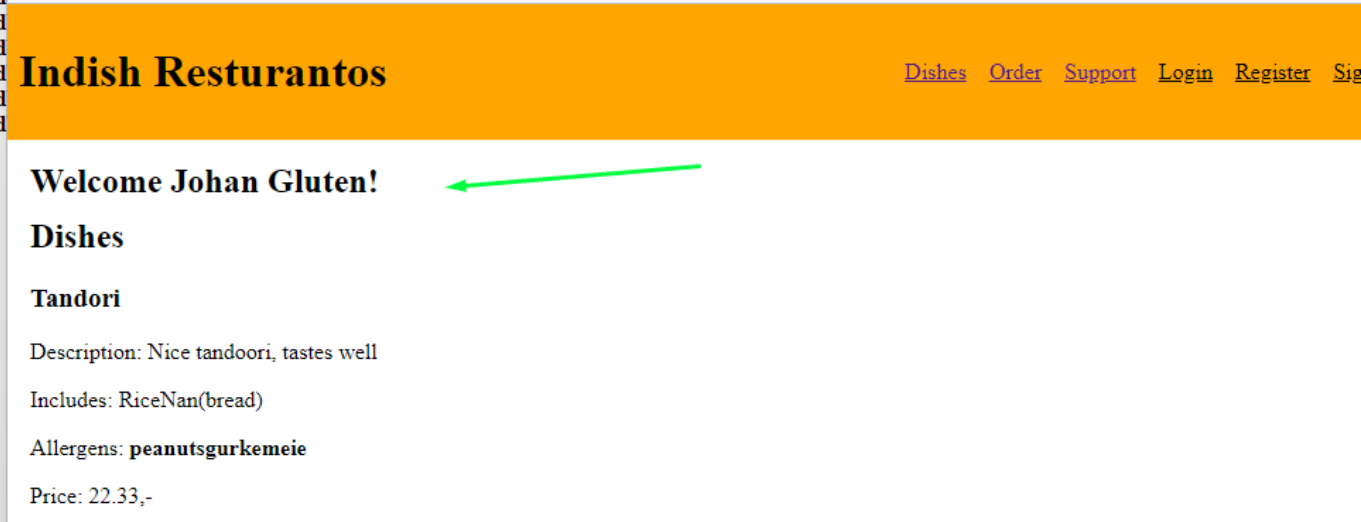Login(Admin)   Management   Support   Signout(Admin)

Customer

Login - Customer

- Cookie with the customer's id is set on the client. There is no encryption/not safe for production.
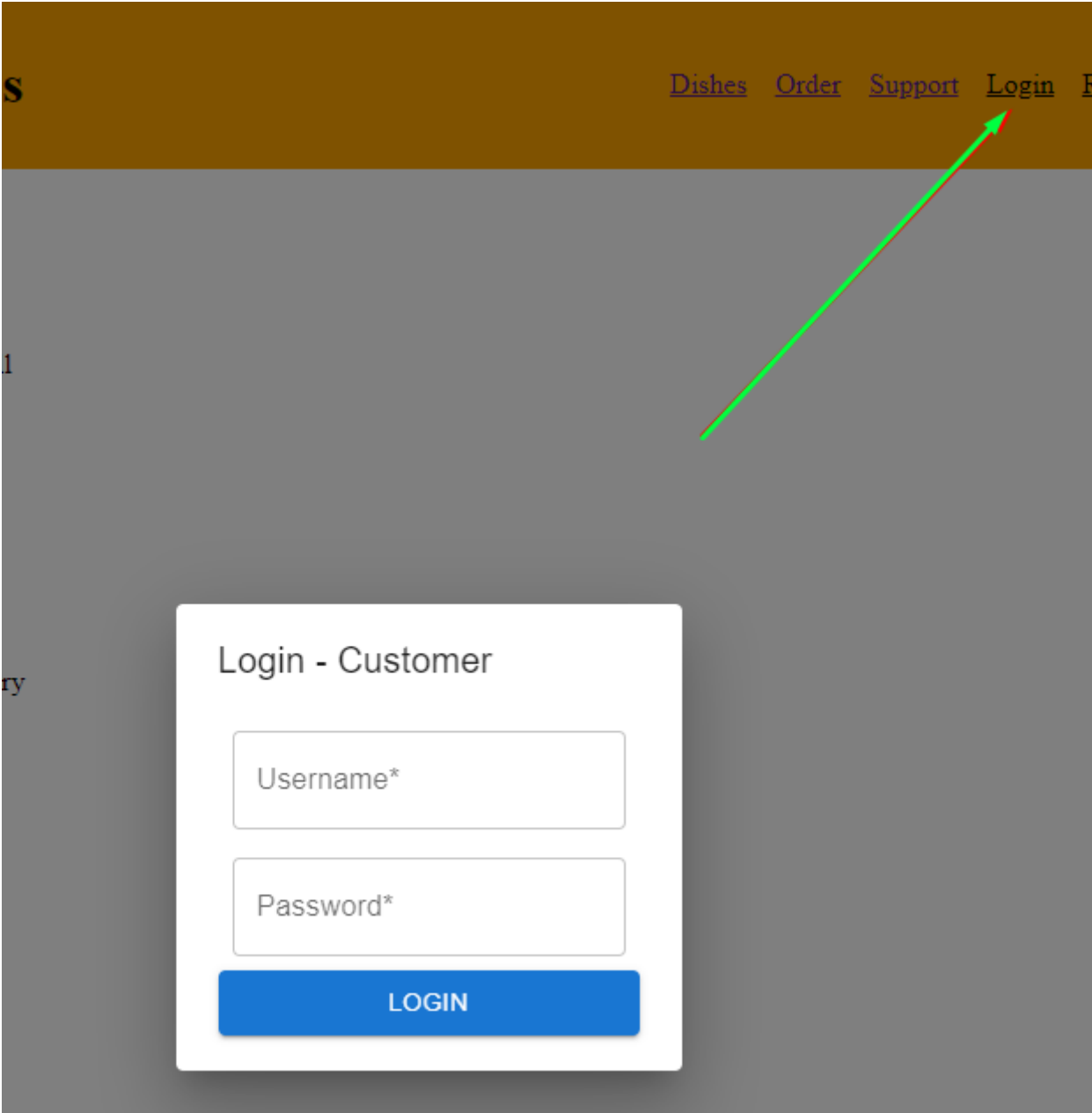
Welcome message - Customer

Support chat - Customer

- Messages saves to the database for later reference.

Order - Customer

- To create an order fill in the fields in the dialog
- When order is created click on the order to see details
- In the orderdetails page you can add dishes, change address and save
- To add a click on the dish, enter a quantity then click add
- Rememeber to click save to keep your changes.
- Signout.

Indish Resturantos

Dishes   Order   Support   Login   Register   S

Orders   ADD

New Order

Addressline
Skibakkvegen

PostCode
1923

PostOffice
Sørum

DeliveryTime
24.11.2022 can you be here 12:15?

ADD

Indish Resturantos

Dishes   Order   Support   Login   Register   Signout

Orders   ADD

Address: Skibakkvegen
Postoffice: - Sørum
Delivery: 24.11.2022 can you be here 12:15?

Indish Resturantos

Order   SAVE

Addressline
Skibakkvegen

PostCode

PostOffice
Sørum

DeliveryTime
24.11.2022 can you be here 12:15?

Dishes   ADD

ndish Resturantos

Dishes   Order   Support   Login   Register

Order   SAVE

Addressline
Skibakkvegen

PostCode

PostOffice
Sørum

DeliveryTime
24.11.2022 can you be her

Dishes   ADD

Add Dish

Description: Nice tandoori, tastes well
Price: 22.33
Includes: RiceNan(bread)
Allergens: peanutsgurkemeie

Name: Bali
Description: Tasty chicken bali in curry
Price: 344
Includes: Curry, Bread, Nan
Allergens: Curry

Name: Tikka

Quantity
22

ADD
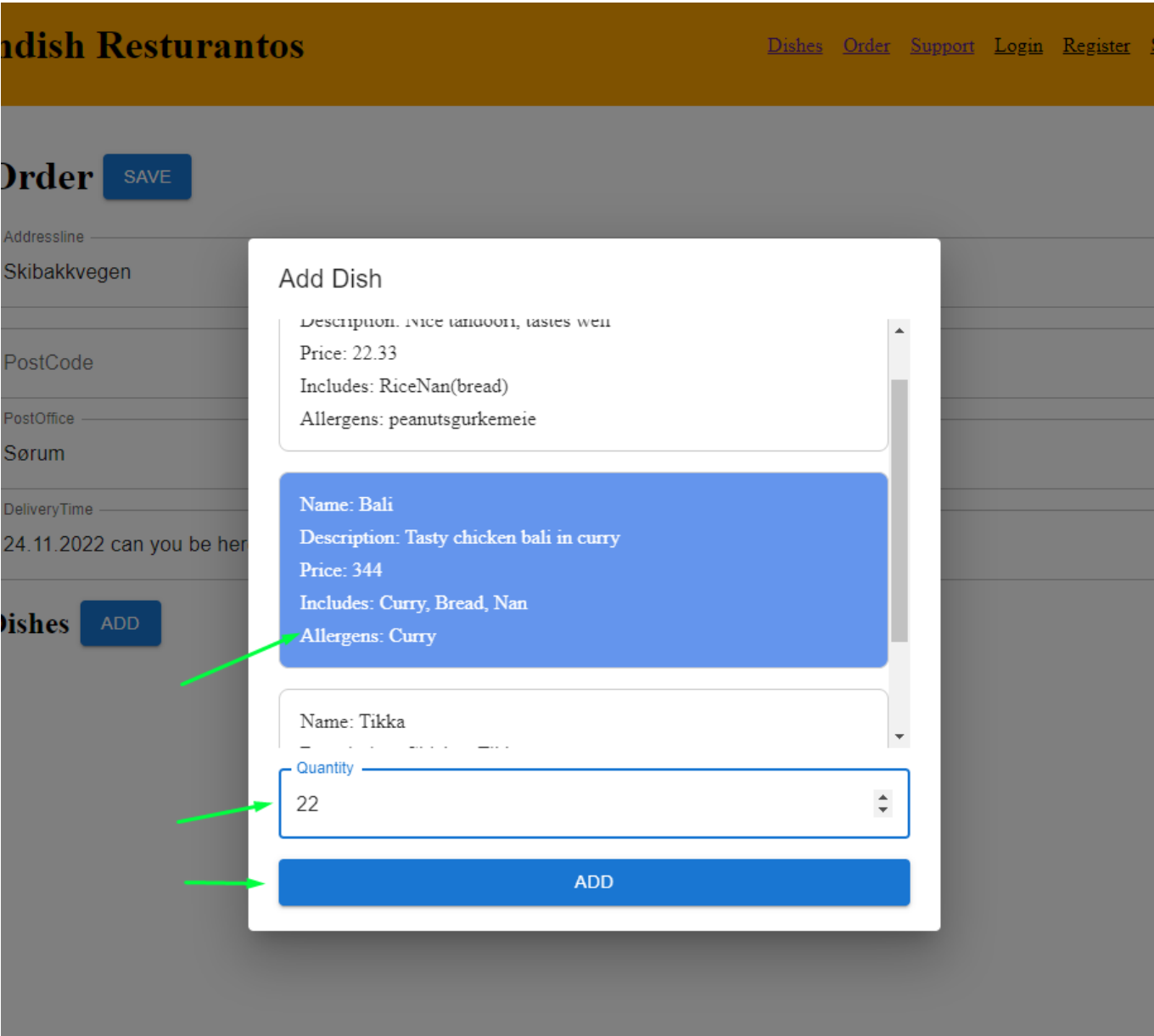
Indish Resturantos

Order   SAVE

Addressline
Skibakkvegen

PostCode

PostOffice
Sørum

DeliveryTime
24.11.2022 can you be here 12:15?

Dishes   ADD

Name: Bali
Description: Tasty chicken bali in curry
Price: 344
Includes: Curry, Bread, Nan
Allergens: Curry
Quantity: 22

Indish Resturantos   Dishes   Order   Support   Login   Register   Signout

Orders   ADD

Address: Skibakkvegen
Postoffice: 1923 - Sørum
Delivery: 24.11.2022 can you be here 12:15?

Admin

- Login as admin, username: admin, password: admin
- Click on management to manage dishes
- Click the "X" in the corner of the dish to delete it
- Click on the dish to edit it.
- Click on support to answer support calls.
-

Description: Tasty chicken bali in curry

Includes: Curry, Bread, Nan

Allergens: **Curry**

Price: 344,-

Tikka

Description: Chicken Tikka

Includes: Nan

Allergens: **Curry**

Price: 22,-

Login Admin

Username*

admin

Password*

admin

LOGIN

Login(Admin)   Management   Support   Signout(Admin)

Indish Resturantos   Dishes   Order   Support   Login   Register   Signout

Edit Dishes   NEW

| Tandori   X | Bali   X | Tikka   X |

Login(Admin)   Management   Support   Signout(Admin)

New Dish

Name*
Chicken Soup

Price
23

Description*
Delightful soup with chilli

Includes
Chilli, Bread, Butter

Allergens
Buttermix

CREATE ⟵

Indish Resturantos
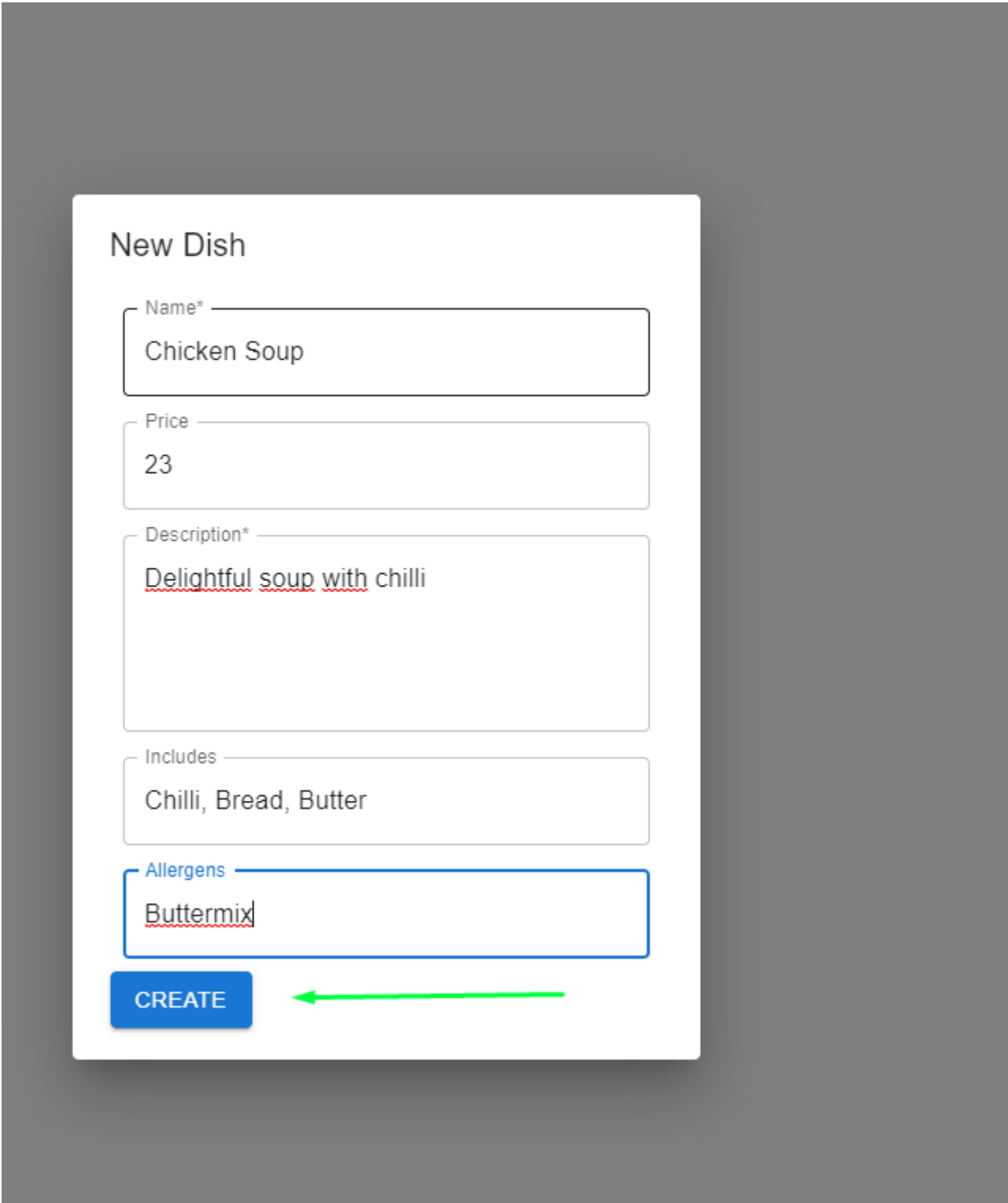
Edit Dishes NEW

Tandori	X
Bali	X
Tikka	X

| Chicken Soup | X |

Edit Dishes   NEW

| Tandori   X | Bali   X | Tikka   X |
| Chicken Soup   X |

Edit - Tandori

Name*
Tandori

Price
22,33

Description*
Nice tandoori, tastes well

Includes
Rice,Nan(bread)

Allergens
peanuts,gurkemeie

UPDATE

Indish Resturantos

Customers with open chat

Sebastian Nordby

Johan Gluten

Chat with Johan Gluten GO BACK

Johan Gluten: Test
Johan Gluten: This saves my old messages?
Johan Gluten: What a nice system
Johan Gluten: Anyway, have you gotten my order?
admin: Yes we have recieved your order
admin: This was sent while making documentation

Send a message..   SEND

Indish Resturantos

Dishes

Tandori

Description: Nice tandoori, tastes well

Includes: RiceNan(bread)

Allergens: **peanutsgurkemeie**

Price: 22.33,-

Bali

Description: Tasty chicken bali in curry

Includes: Curry, Bread, Nan

Allergens: **Curry**

Price: 344,-

Tikka

Description: Chicken Tikka

Includes: Nan

Allergens: **Curry**

Price: 22,-

Chicken Soup

Description: Delightful soup with chilli

Includes: Chilli, Bread, Butter

Allergens: **Buttermix**

Price: 23,-