



YumYum!

YumYum Web Application
(Release Version 1.0)
User Manual
(As of 19 January 2021)

Contents

1. Installation	3
1.1 Requirements	4
1.2 Deployment of the System (to localhost)	4
2. Usage	7
2.1 Concepts and Features	8
2.2 Main Scenario for Customer	9
2.3 Adding Review	11
2.4 Administration	12

1. Installation

1.1 Requirements

- NodeJs

<https://nodejs.org/en/download/>

- PostgreSQL

<https://www.postgresql.org/download/>

<https://www.pgadmin.org/download/>

- cURL (or any program that can make POST request on localhost)

<https://help.ubidots.com/en/articles/2165289-learn-how-to-install-run-curl-on-windows-macosx-linux>

1.2 Deployment Of The System(to localhost)

Download Project Files

Download project files from github repository.

```
git clone https://github.com/frknltrk/yumyum.git
cd yumyum
```

Setup Database

Open PostgreSQL client or pgAdmin.

Create a database named 'yumyum'.

Write down privileged PostgreSQL username and password in [server/.env](#) and [server/config/db.config.js](#)

Run SQL commands:

```
CREATE TABLE restaurants(
    id BIGSERIAL NOT NULL PRIMARY KEY,
    name VARCHAR(50) NOT NULL,
    location VARCHAR(50) NOT NULL,
    price_range INT NOT NULL check(
        price_range >= 1
        and price_range <= 5
    )
);
```

```
CREATE TABLE reviews (
    id BIGSERIAL NOT NULL PRIMARY KEY,
    restaurant_id BIGINT NOT NULL REFERENCES restaurants(id),
    name VARCHAR(50) NOT NULL,
    review TEXT NOT NULL,
    rating INT NOT NULL check(
        rating >= 1
        and rating <= 5
    )
);
```

Start Express API

in [server/server.js](#):

Comment the line 24,

Uncomment lines 20-23

```
cd server
npm install
npm start
```

in [server/server.js](#):

Uncomment the line 24,

Comment lines 20-23

Add Admin Account

Any HTTP requesting app can be used to add a new Admin Account by posting into API,

here is curl example:

```
curl -X POST -H 'Content-Type: application/json' -i
http://localhost:4000/api/auth/signup --data '{
    "username": "admin",
    "email": "mail@mail.com",
    "password": "password",
    "roles" : ["user", "admin"]
}'
```

You may change “username”, “email”, and “password” data.

Start React App

```
cd client  
npm install  
npm start
```

Go to <http://localhost:3000/> in your web browser. Login the system with Admin account and add new restaurants.

2. Usage

2.1 Concepts and Features

Yumyum is a restaurant finder application. The aim of the application is to help people to find restaurants and bring together the peoples reviews about their experience in that place. Clients of the application will be able to criticize restaurants by giving stars and adding their personal comments.

A user needs to know the internet address of the application and type into his/her favorite web browser. **Restaurants** are the main entities in the application and they have **reviews** and **stars** as attributes.

Roles

There are two roles when using the application;

- **Admin**

- **Customer**

Normal users can only sign up the system as a Customer. They can list restaurants, select a restaurant and view the information about that restaurant like location or price range. Customer can also view the average score and previous reviews of that restaurant, and add a new review.

Admin accounts have the same ability to Customer accounts. Additionally, can do;

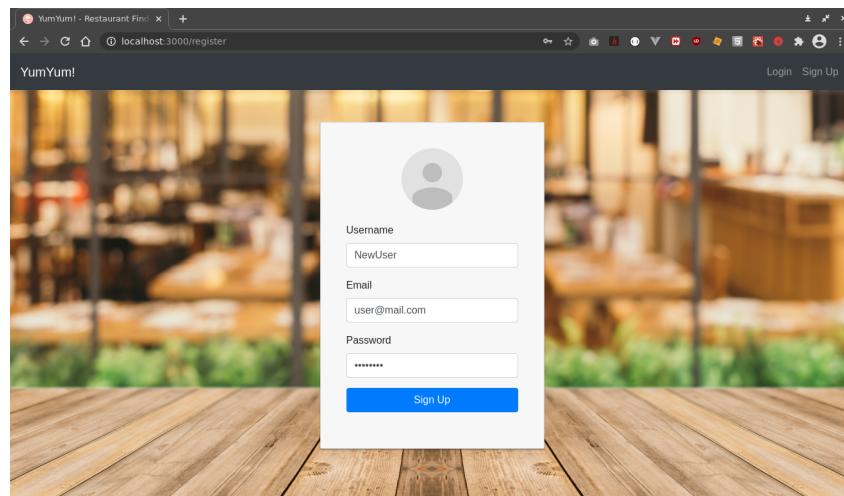
- 1- Add new restaurant,
- 2- Update a restaurant,
- 3- Delete a restaurant.

Admin accounts have a private page that only privileged users can see. In that page there are the listed functionalities above can be used by Admin accounts.

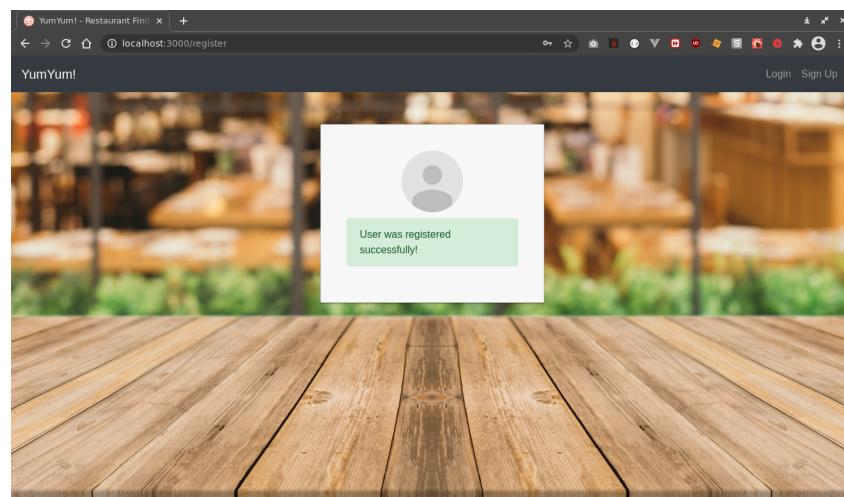
2.2 Main Scenario for Customer

After website loaded. Authentication is needed to use the application.

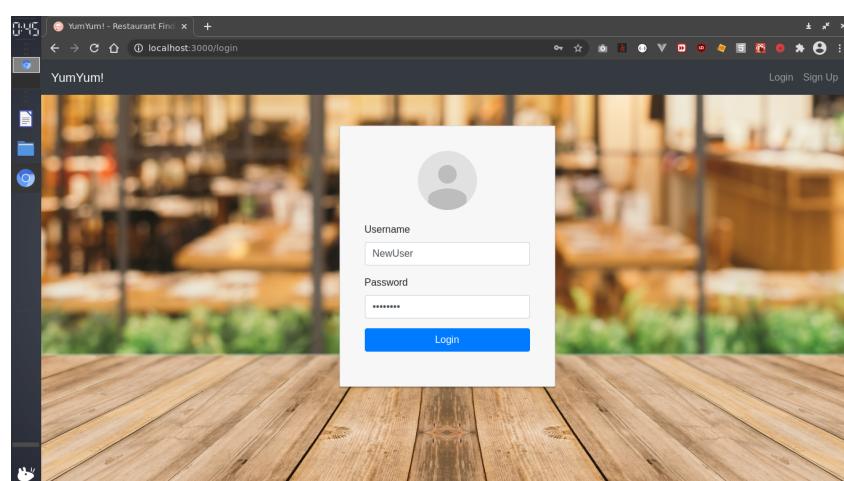
Click **Sign Up** on the right side of navigation bar



After entering Username, Email, Password. If given fields are valid, new user will be added and registration message will appear.

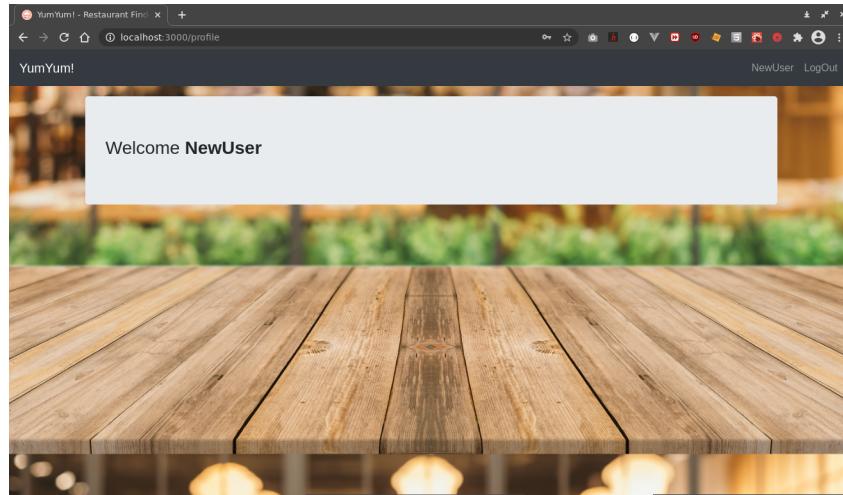


Click **Login** on the right side of navigation bar. Type your account and sign in to system.



After logging in correctly. Profile page will appear.

Click **YumYum!** on the left side of navigation bar to see restaurants



Restaurants table will appear. You can see location, price range, number of reviews, and average ratings of restaurants. Click on the row of restaurant that you want to view.

A screenshot of a web browser window titled "YumYum! - Restaurant Find". The address bar shows "localhost:3000/restaurants". The page displays a table of restaurants with columns: Restaurant, Location, Price Range, and Ratings. The table includes rows for Ali Usta, Pasa Doner, Dominos Pizza, Burger King, Ali Usta Kebap, Okyanus Balık, Ada Aperatif, Oses Cigkofte, Nusret, and Eksioglu Tatlicilik.

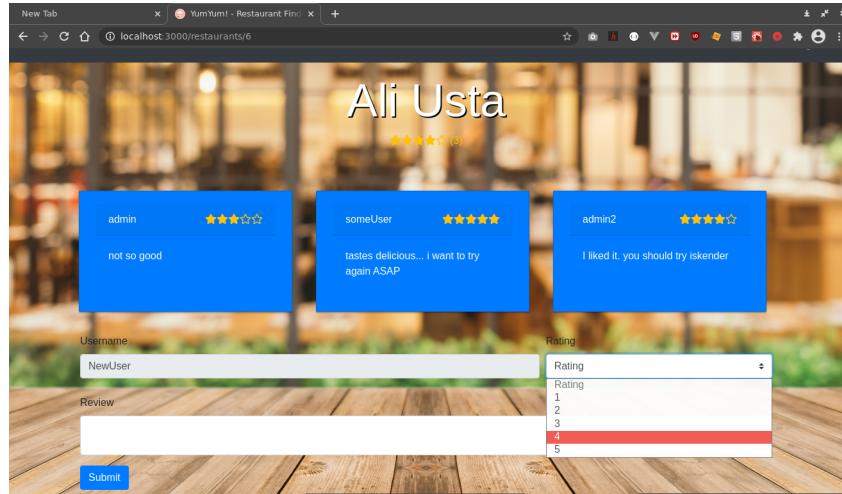
Restaurant	Location	Price Range	Ratings
Ali Usta	Maltepe	₺₺	★★★★☆ (3)
Pasa Doner	Gebze	₺	★★★★☆ (2)
Dominos Pizza	Gebze	₺	★☆☆☆☆ (1)
Burger King	Kadikoy	₺₺	0 reviews
Ali Usta Kebap	Avcılar	₺₺	0 reviews
Okyanus Balık	Uskudar	₺₺₺	0 reviews
Ada Aperatif	Kucukçekmece	₺₺	0 reviews
Oses Cigkofte	UmranİYE	₺₺	0 reviews
Nusret	Besiktas	₺₺₺₺	0 reviews
Eksioglu Tatlicilik	Sultangazi	₺	0 reviews

After clicking the row of a restaurant, Restaurant Detail Page will be loaded. Here you can see previous reviews on that restaurant.

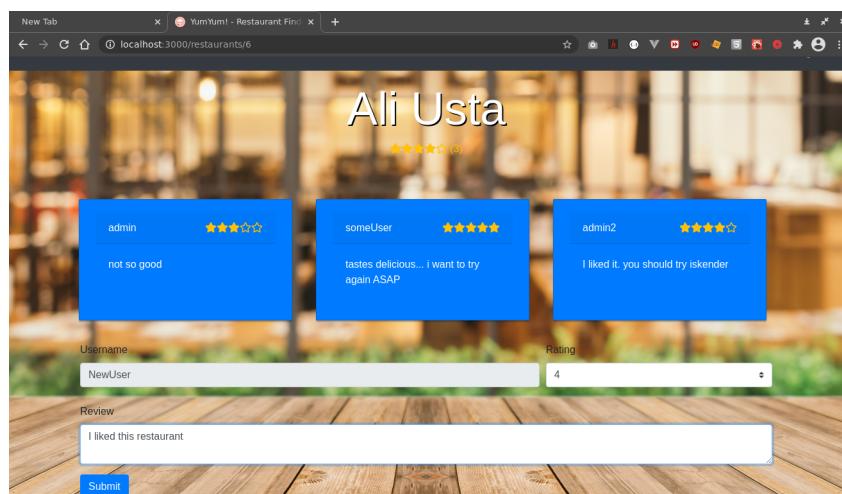
A screenshot of a web browser window titled "YumYum! - Restaurant Find". The address bar shows "localhost:3000/restaurants/6". The page displays the details for "Ali Usta" restaurant, including its rating (★★★★☆) and three reviews from users "admin", "someUser", and "admin2". Below the reviews, there is a form to add a new review with fields for "Username" (set to "NewUser") and "Rating".

2.3 Adding Review

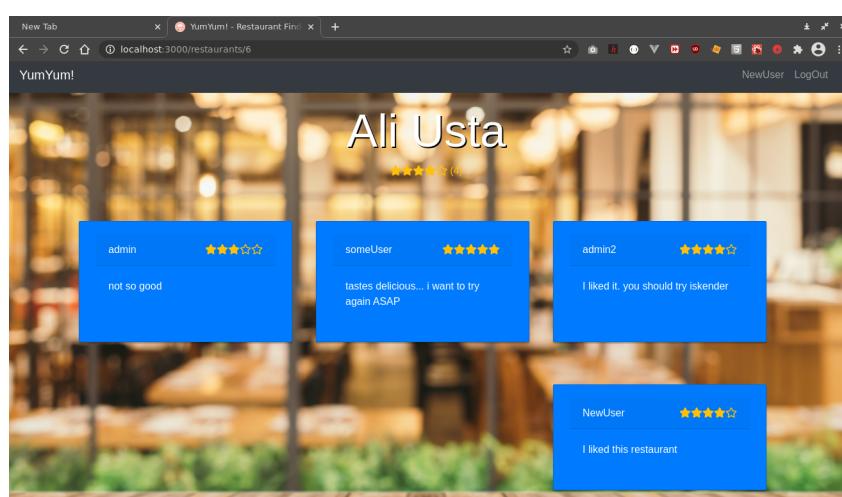
In the Restaurant Detail Page, if you want to add your review, go to bottom of the viewport and then select your rating from **Rating** dropdown options.



Add your review message into **Review** text area.

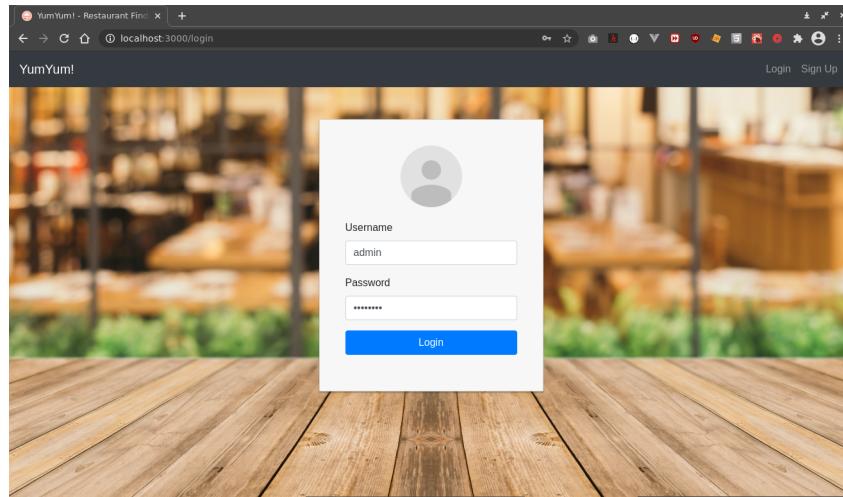


By clicking the **Submit** button, you will be made your review in that restaurant. Your new review will appear as a card among other reviews. Multiple reviews can be submitted.

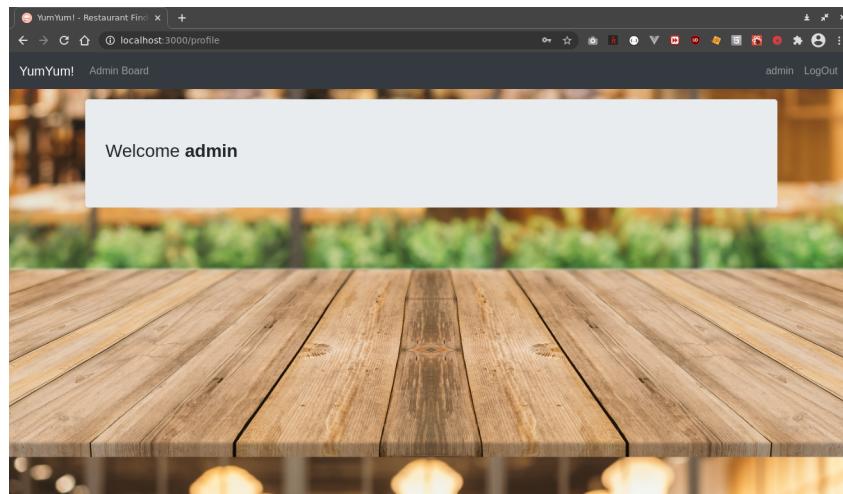


2.4 Administration

Admin account needs to be added by developers in the local machine. But signing into system is utilized in the same login page with customer. Just type your admin account username and password.



Profile page will be loaded after successfully logging in. If you have admin privileges, a new button **Admin Board** will appear on the left side of navigation bar. Click Admin Board.

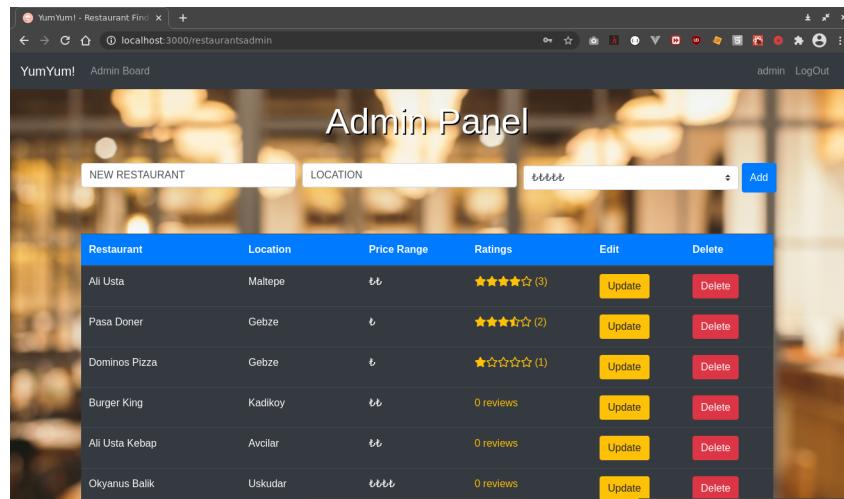


Here you will see Admin Panel. You can add, update, or delete restaurants.

Restaurant	Location	Price Range	Ratings	Edit	Delete
Ali Usta	Maltepe	₺₺	★★★★☆ (4)	<button>Update</button>	<button>Delete</button>
Pasa Doner	Gebze	₺	★★★★☆ (2)	<button>Update</button>	<button>Delete</button>
Dominos Pizza	Gebze	₺	★☆☆☆☆ (1)	<button>Update</button>	<button>Delete</button>
Burger King	Kadikoy	₺₺	0 reviews	<button>Update</button>	<button>Delete</button>
Ali Usta Kebap	Avcılar	₺₺	0 reviews	<button>Update</button>	<button>Delete</button>
Okyanus Balık	Uskudar	₺₺₺	0 reviews	<button>Update</button>	<button>Delete</button>

Adding New Restaurant

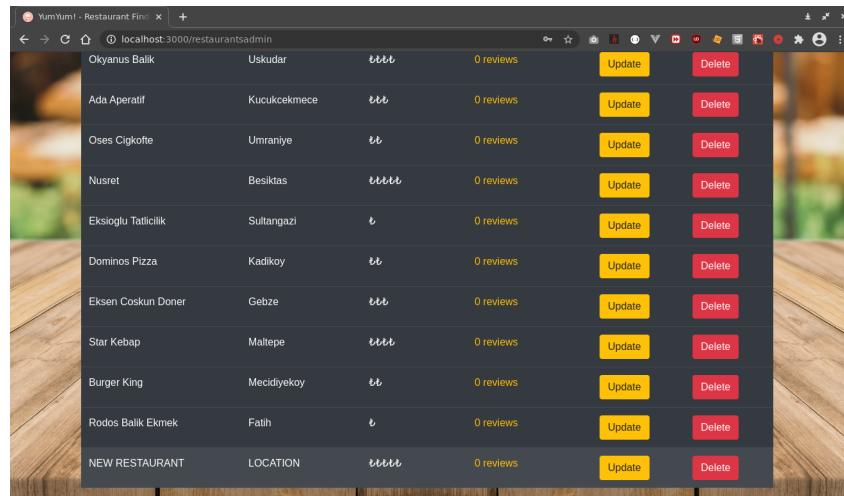
Type the new restaurant information into name, location areas and select price range from dropdown options. Click on **Add** button.



The screenshot shows the 'Admin Panel' interface. At the top, there are search bars for 'NEW RESTAURANT' and 'LOCATION', and a dropdown menu for 'Price Range'. A blue 'Add' button is located to the right of the search bars. Below the search area is a table with columns: Restaurant, Location, Price Range, Ratings, Edit, and Delete. The table contains six rows of existing restaurant data. At the bottom of the table is a row for 'NEW RESTAURANT' with dropdown menus for 'LOCATION' and 'Price Range', and a '0 reviews' rating entry.

Restaurant	Location	Price Range	Ratings	Edit	Delete
Ali Usta	Maltepe	₺₺	★★★★☆ (3)	Update	Delete
Pasa Doner	Gebze	₺	★★★★☆ (2)	Update	Delete
Dominos Pizza	Gebze	₺	★☆☆☆☆ (1)	Update	Delete
Burger King	Kadikoy	₺₺	0 reviews	Update	Delete
Ali Usta Kebap	Avcilar	₺₺	0 reviews	Update	Delete
Okyanus Balik	Uskudar	₺₺₺	0 reviews	Update	Delete

New restaurant will be added to the system.

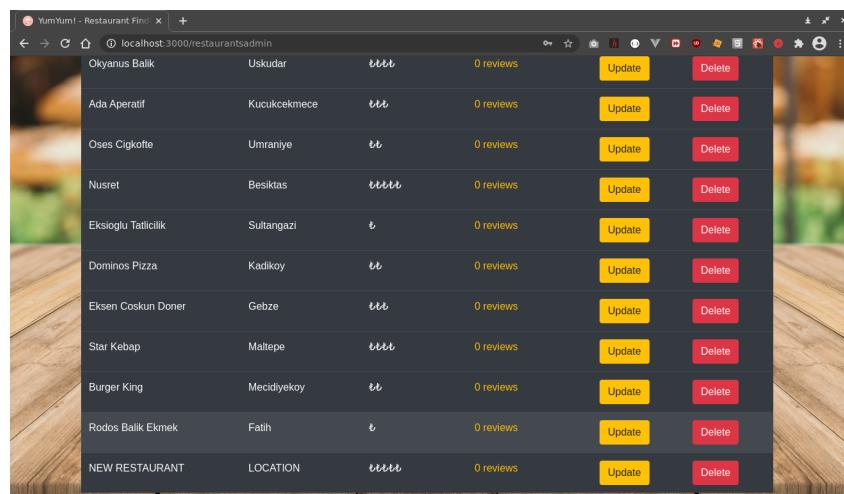


This screenshot shows the same Admin Panel interface after a new restaurant has been added. The table now includes a new row for 'Okyanus Balik' located in 'Uskudar' with a price range of '₺₺₺' and 0 reviews. The 'Edit' and 'Delete' buttons are present for this new entry.

Okyanus Balik	Uskudar	₺₺₺	0 reviews	Update	Delete
Ada Aperatif	Kucukcekmece	₺₺	0 reviews	Update	Delete
Oses Cigkofte	Umraniye	₺₺	0 reviews	Update	Delete
Nusret	Besiktas	₺₺₺₺	0 reviews	Update	Delete
Eksiyoglu Tatlicilik	Sultangazi	₺	0 reviews	Update	Delete
Dominos Pizza	Kadikoy	₺₺	0 reviews	Update	Delete
Eksen Coskun Doner	Gebze	₺₺	0 reviews	Update	Delete
Star Kebap	Maltepe	₺₺₺	0 reviews	Update	Delete
Burger King	Mecidiyekoy	₺₺	0 reviews	Update	Delete
Rodos Balik Ekmek	Fatih	₺	0 reviews	Update	Delete
NEW RESTAURANT	LOCATION	₺₺₺₺	0 reviews	Update	Delete

Updating a Restaurant

Click on **Update** button on the restaurant row that you want to make changes.



This screenshot shows the Admin Panel with the 'Update' button for the first restaurant row ('Okyanus Balik') highlighted in yellow. The rest of the table and interface remain the same as the previous screenshot.

Okyanus Balik	Uskudar	₺₺₺	0 reviews	Update	Delete
Ada Aperatif	Kucukcekmece	₺₺	0 reviews	Update	Delete
Oses Cigkofte	Umraniye	₺₺	0 reviews	Update	Delete
Nusret	Besiktas	₺₺₺₺	0 reviews	Update	Delete
Eksiyoglu Tatlicilik	Sultangazi	₺	0 reviews	Update	Delete
Dominos Pizza	Kadikoy	₺₺	0 reviews	Update	Delete
Eksen Coskun Doner	Gebze	₺₺	0 reviews	Update	Delete
Star Kebap	Maltepe	₺₺₺	0 reviews	Update	Delete
Burger King	Mecidiyekoy	₺₺	0 reviews	Update	Delete
Rodos Balik Ekmek	Fatih	₺	0 reviews	Update	Delete
NEW RESTAURANT	LOCATION	₺₺₺₺	0 reviews	Update	Delete

Restaurant Update Page will be loaded.

Enter your changes to areas Name, Location, and Price Range. Then click on **Submit** button

The screenshot shows a web browser window titled "YumYum! - Restaurant Find". The URL is "localhost:3000/restaurants/21/update". The page has a header "YumYum! Admin Board" and a "Logout" link. The main content is titled "Update Restaurant". It contains three input fields: "Name" with the value "Rodos Balikcılık", "Location" with the value "Fatih", and "Price Range" with the value "3". Below the form is a blue "Submit" button. The background of the page features a wooden deck texture.

Restaurant data will be updated, and you will be redirected to Home Page.

The screenshot shows a web browser window titled "YumYum! - Restaurant Find". The URL is "localhost:3000". The page displays a list of restaurants with their names, locations, ratings, and review counts. The table includes rows for Dominos Pizza, Burger King, Ali Usta Kebap, Okyanus Balık, Ada Aperatif, Oses Cigkofte, Nusret, Eksiglu Tatlicilik, Dominos Pizza, Eksen Coskun Doner, Star Kebap, Burger King, NEW RESTAURANT, and Rodos Balikcılık. The "Rodos Balikcılık" row now shows "Fatih" as the location instead of "LOCATION". The background features a wooden deck texture.

Deleting a Restaurant

Click on **Delete** button on the restaurant row that you want to remove from database.

The screenshot shows a web browser window titled "YumYum! - Restaurant Find". The URL is "localhost:3000/restaurantsadmin". The page displays a list of restaurants with their names, locations, ratings, review counts, and two action buttons: "Update" and "Delete". The table includes rows for Okyanus Balık, Ada Aperatif, Oses Cigkofte, Nusret, Eksiglu Tatlicilik, Dominos Pizza, Eksen Coskun Doner, Star Kebap, Burger King, NEW RESTAURANT, and Rodos Balikcılık. Each row has a "Delete" button to its right. The background features a wooden deck texture.

Selected restaurant will be deleted from database and will disappear from restaurants table.

Ali Usta Kebap	Avclar	★★	0 reviews	Update	Delete
Okyanus Balık	Uskudar	★★★	0 reviews	Update	Delete
Ada Aperatif	Kucukcekmece	★★★	0 reviews	Update	Delete
Oses Cigkofte	Umranlye	★★	0 reviews	Update	Delete
Nusret	Besiktas	★★★★	0 reviews	Update	Delete
Eksiyolu Tatlicilik	Sultangazi	★	0 reviews	Update	Delete
Dominos Pizza	Kadikoy	★★	0 reviews	Update	Delete
Eksen Coskun Doner	Gebze	★★★	0 reviews	Update	Delete
Star Kebap	Maltepe	★★★	0 reviews	Update	Delete
Burger King	Mecidiyekoy	★★	0 reviews	Update	Delete
NEW RESTAURANT	LOCATION	★★★★	0 reviews	Update	Delete