

# Project Requirements

## User Stories

1. As **Guest** I want to **Create account** so that I can have **Client** abilities.

Acceptance criteria:

- I am not authorized.
- I am able to fill my account information.
- The data I enter is properly validated.

2. As **Guest** I want **Log in** into system to so that I can use **Client** abilities.

Acceptance criteria:

- I am not authorized.
- **Client** account was created before.
- I am able to enter my login and password.
- I am logged in as a **Client**.

3. As **Guest** I want **Order pizza** so that I can have a lunch.

Acceptance criteria:

- I am not authorized.
- I am able to select pizza type from defaults.
- I am able to select concrete pizza house where I will eat my order.
- I am able to choose the time when I will come to the pizza house for my order.
- I am able to choose whether I will pay in cash or by card.

4. As **Administrator** I want to **Add moderator** to the system so that I can allow responsible person to manage the pizza house.

Acceptance criteria:

- I am authorized as Administrator.
- I am able to fill the moderator's account information.
- The data I enter is properly validated.
- The responsible person can log in into system as Moderator using credentials that I have created.

5. As **Administrator** I want to **Delete moderator** from the system so that I can remove **moderator's** account of fired person.

Acceptance criteria:

- I am authorized as **Administrator**.

- I am able to see the list of all **moderators**.
- I am able to delete **moderator**.
- It's impossible to log in using the credentials of deleted **moderator**.

6. As **Administrator** I want to **Add pizza house** to the system so that I can assign **moderator** to it and **Clients** can place orders at it.

Acceptance criteria:

- I am authorized as **Administrator**.
- I am able to fill the pizza house information.
- The data I enter is properly validated.
- I can observe created pizza house in the list of all pizza houses.

7. As **Administrator** I want to **Delete pizza house** from the system so that I can remove from the system permanently closed pizza house.

Acceptance criteria:

- I am authorized as **Administrator**.
- I am able to see the list of all pizza houses.
- I am able to delete pizza house.
- I am unable to see deleted pizza house in the list of all pizza houses.

8. As **Client** I want to **View user page** so that I can see my personal information.

Acceptance criteria:

- I am authorized as **Client**.
- I am able to navigate to my profile.
- The information shown there was not changed since my last profile edit.

9. As **Client** I want to **Change personal information** so that I can have up-to-date information about me in the system.

Acceptance criteria:

- I am authorized as **Client**.
- I am able to modify my personal information.
- The data I enter is properly validated.
- I am able to see updated information in my user profile.

10. As **Client** I want to **Create custom pizza recipe** so that I can quickly order my favourite pizza.

Acceptance criteria:

- I am authorized as **Client**.
- I am able to choose ingredients for the pizza from the list of all available ingredients.
- I am able to save pizza recipe.

- I am able to choose saved recipe during pizza ordering.

11. As **Client** I want to **Order pizza** so that I can get my daily dose of calories.

Acceptance criteria:

- I am authorized as **Client**.
- I am able to select pizza type from defaults or from my saved recipes.
- I am able to select concrete pizza house where I will eat my order.
- I am able to choose the time when I will come to the pizza house for my order.
- I am able to choose whether I will pay in cash or by card.

12. As **Client** I want to **See the history of my orders** so that I can find the name of that tasty pizza I ate at Tuesday.

Acceptance criteria:

- I am authorized as **Client**.
- I am able to see the list of my orders.
- I am able to see the detailed information of each order.

13. As **Client** I want to **see the status of my orders** and be notified whether they are accepted or canceled, so that I will know if I can get them.

Acceptance criteria:

- I am authorized as **Client**.
- I am able to see the statuses of my orders.
- I am notified if status of my order has been changed.

14. As **Client** I want to **receive a refund** if I pay by credit card and my order is canceled.

Acceptance criteria:

- I receive a refund if I pay by credit card and my order is canceled automatically.

15. As **Client** I want to **Use bonuses** so that I can save some money eating frequently in the pizza house.

- I am authorized as **Client**.
- I am able to see my current amount of bonuses in my profile.
- I am able to use bonuses during pizza ordering and get a discount.
- The bonuses amount is increased after each my order.

16. As a **Moderator** I want to be able to **view all pending and accepted orders** on a time board so that I can schedule the work of the pizza house.

Acceptance criteria:

- I am authorized as a **Moderator**, customers with other roles are not able to see this.

- A panel containing pending and accepted orders is shown.
- Orders appear as cards and are positioned vertically according to the time of their completion, and pushed to the right horizontally if there are collisions.
- Pending and accepted orders are styled differently.

17. As a **Moderator** I want to be able to **accept a pending order** to inform the customer that it can and will be completed in time.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can change the status of the selected pending order.
- The style of the order is updated immediatly both on frontend and backend part.
- The customer is notified their order can be completed.

18. As a **Moderator** I want to be able to **cancel pending (or sometimes accepted) order** to apologize and inform the customer that their order cannot be completed on time.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can change the status of the selected pending or accepted order.
- The style of the order is updated immediatly both on frontend and backend part.
- The customer is notified their order cannot be completed.

19. As a **Moderator** I should be able to **set the working times** of the pizza house, in order to limit the time when orders can be made.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can set both opening and closing times.
- It is not possible for a user to create an order, that has to be completed while pizza house is closed.

20. As a **Moderator** I should be able to **set both maximum time** required to complete an order **and maximum amount of pizzas** to be prepared simultaneously, so that web app will help to avoid being overloaded with orders.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can choose and save maximum time required to complete an order.
- I can choose and save maximum number of dishes that can be prepared at the same moment.
- The app should forbid users from creating orders, if pizza house has to cook too many dishes simultaneously.

21. As a **Moderator** I can **specify the amount of ingredients in stock**, so that web app will forbid orders, if pizza house can run out of food supplies.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can choose and save the amount of ingredients.
- The app should forbid users from creating orders, if pizza house can run out of ingredients.

22. As a **Moderator** I can **specify the price of ingredients**, so that web app will calculate correct price of pizza that users create on their own.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can choose and save prices of different types of ingredients.

23. As a **Moderator** I can **specify the name, the price and ingredients** of pizzas available to customers, so that web app will keep pizza house menu up to date.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can choose the type and amount of ingredients of the pizza.
- I can choose the name of the pizza.
- I can choose the price of the pizza.

24. As a **Moderator** I can see **daily and monthly statistics of ingredients used**, so that pizza house could plan the purchase of food supplies better.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can observe a bar chart referring to daily amounts of ingredients used.
- I can observe a bar chart referring to monthly amounts of ingredients used.

25. As a **Moderator** I can **see daily and monthly pizza sales**, so that pizza house could improve their menu.

Acceptance criteria:

- I am authorized as a **Moderator**.
- I can observe bar charts referring to both daily and monthly pizza sales.

# Use case diagram

