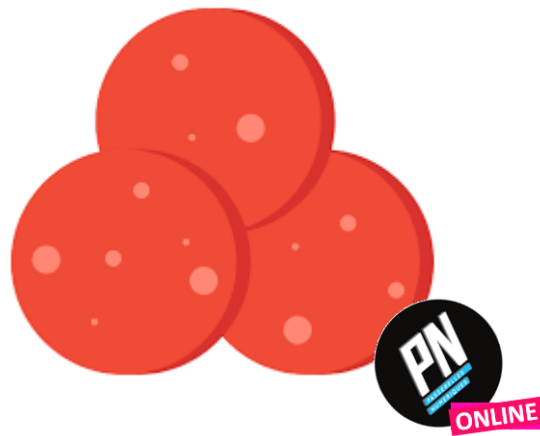


THE PEPERRONI APP



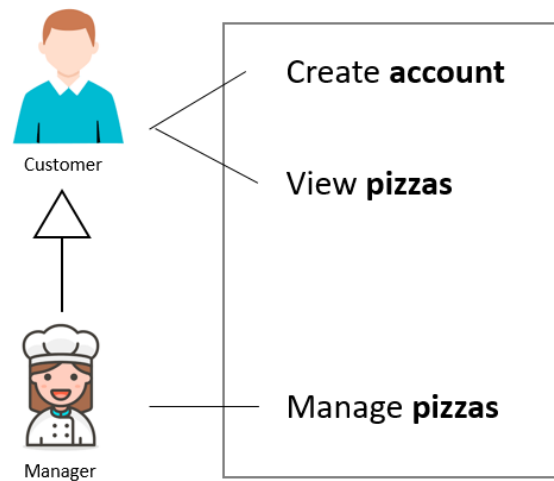
Purpose of this application

The purpose of this application is to **view a list pizza of the Peperoni restaurant**

Two kind of users can login to the application:

- As a **customer**, I can sign in, sign up, and sign out of the application
- As a **customer**, I can view the pizzas
- As a **manager**, I can create pizzas, with the pizza ingredients and prize

A manager has access to the same features than the customer:



Planning

The project must respect the deadlines and must be finished within in 6 days

You need to work at least 8 hours per day to finish it on time

DAY	FEATURES	TASK
DAY 1	Manage accounts	#1 – Database design / creation
DAY 2		#2 - Sign in view
DAY 3		#3- Sign up view
DAY 4	Manage pizzas	#4 - Main view (pizza view)
DAY 5		#5 – pizza view list
DAY 6		#6 – Add/Edit pizza pop up
DAY 7	Bugs and code quality	#7 – Remove pizza
		#8 – Refactoring and bug fix

EVALUATION

EVALUATION TOPIC	EVALUATION POINTS
Database design is correct	10
Sign in view	15
Sign up view	10
Log out and return to the sign in view	10
Pizza list view	15
Add/Edit/Remove pizza	20
Code quality : following the guide	20
TOTAL	100

FEATURE 1 - Manage accounts (3 days)

It shall be possible to:

- Sign up (create an account)
- Sign in (connect to the application)
- Sign out (disconnection from the application)

Tasks related to this feature:

TASK ID	DESCRIPTION
#1	Design and create database
#2	Sign in view
#3	Sign up view
#4	Main view and logout action

#1 – Database design and creation

Regarding this specification, create the database diagram and the required tables for this project

#2 - Sign in view

This view displays 2 fields:

- login
- password

- When
 - clicking on **NEXT** button
 - or press **ENTER**:

If login and password match, the **pizza view** is displayed

- **Application is now opened with the user who logged in**

- Otherwise display error and on this view

- When clicking on **CREATE ACCOUNT**, the **sign up view** shall be displayed instead

The diagram shows a login form titled "Peperoni app". It contains two input fields: "Login" and "Password". To the right of the "Login" field, there is a red bracket pointing to it with the text "Required. Shall start with a letter". To the right of the "Password" field, there is a red bracket pointing to it with the text "Required. Display starts (*) to hide password". At the bottom left of the form is a text label "CREATE ACCOUNT", and at the bottom right is a red button labeled "Next".

#3- Sign up view

- When
 - clicking on **NEXT** button
 - or press **ENTER**:

If all fields are correct, the **pizza view is** displayed

- **A new user is added to the database**
- **Application is now opened with the user who logged in**

- Otherwise display error and on this view

- When clicking on **SIGN IN INSTEAD**, the **sign in view** shall be displayed instead

Create Peperoni account

Login

Password

Address

☒ I'm a manager

SIGN IN INSTEAD

Next

If checked the profile will be created as manager

Required. Shall start with a letter

Required. Display starts (*) to hide password

Required. Multi line

#4 - Main view (pizza view)

For now the pizza view is empty and should just context the sign out action:

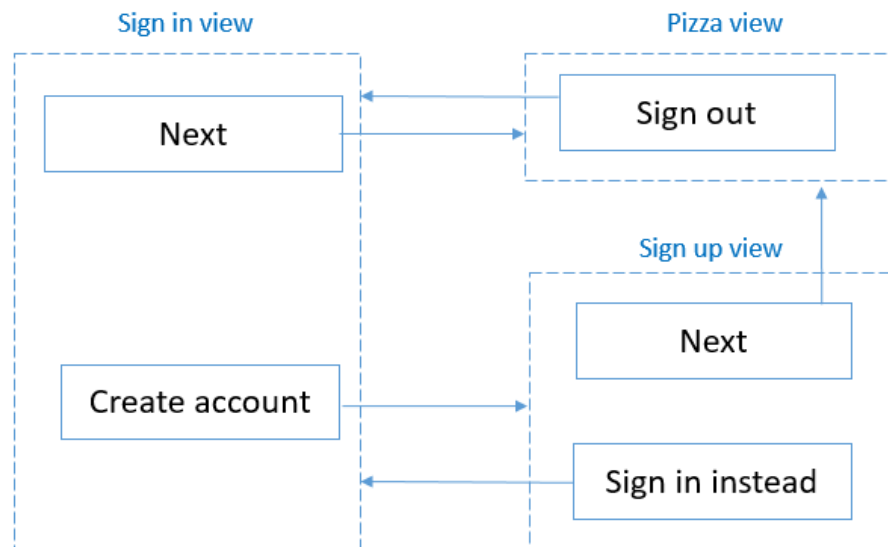
- When clicking on **SIGN OUT**:
 - The session is cleared and the sign in view is displayed again

Peperoni pizzas !

[Sign out](#)

Logout
And return to
Sign in

Interaction diagram between the 3 views:



FEATURE 2 - Manage pizzas

It shall be possible to:

- Add a new pizza type
- Remove a pizza type
- Update a pizza type

TASK ID	DESCRIPTION
#5	pizza view list
#6	Add/Edit pizza pop up
#7	Remove pizza

#5 - Pizza view list

View restriction

- **ADD** action is accessible **only for managers**
- **EDIT** action is accessible **only for managers**
- **REMOVE** action is accessible **only for managers**

This view displays the list of pizzas the manager is offering to the customers:

Peperoni pizzas !

[Sign out](#)

+ Add

Action available
If user
Is manager

Actions available
If user
Is manager

A pizza has 3 properties:

- Name
- List of ingredients
- Prize

Actions

- When clicking on remove button, the related pizza is removed
- When clicking on edit button, the edit pop up is displayed (modal dialog)
- When clicking on add button, the add pop up is displayed (modal dialog)

#5 – Add/Edit pizza pop up

- Errors shall be displayed when fields are missing or value are not correct (see below)
- The button CREATE/UPDATE shall be disabled if errors exist in the dialog

The image shows a 'Create a pizza' modal dialog. It has a title 'Create a pizza' at the top. Below the title are three input fields: 'Name', 'Prize in dollars', and 'Ingredients'. To the right of these fields are three red curly braces with corresponding requirements: 'Required. Shall start with a letter' for Name, 'Required. Shall be number between 1 to 50 dollars' for Prize in dollars, and 'Optional Free text on many lines' for Ingredients. At the bottom of the dialog are two buttons: 'DISCARD' and 'CREATE'.

Create a pizza

Name

Prize in dollars

Ingredients

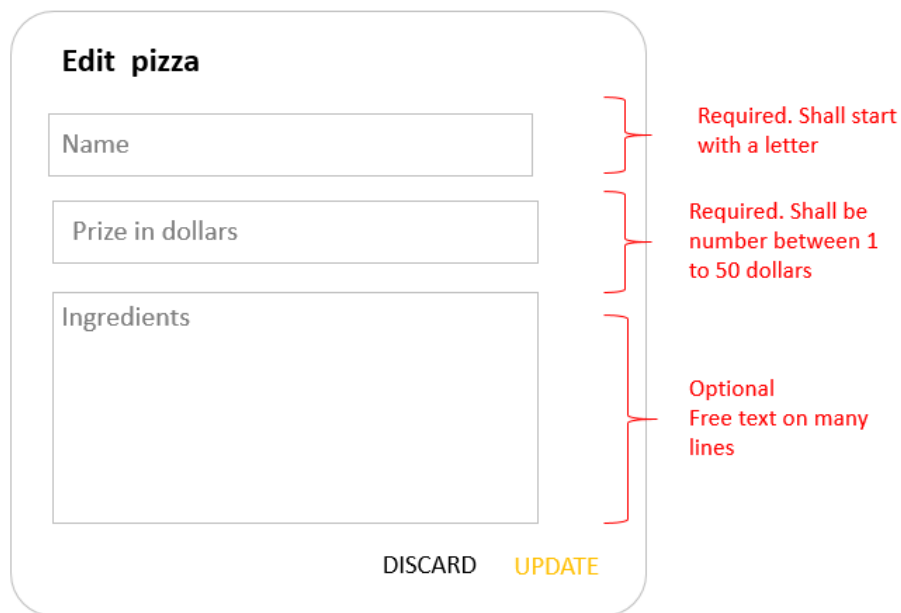
DISCARD CREATE

Required. Shall start with a letter

Required. Shall be number between 1 to 50 dollars

Optional Free text on many lines

CREATE pop up



The image shows a form titled "Edit pizza" with three input fields: "Name", "Prize in dollars", and "Ingredients". To the right of the form, red curly braces group the fields with their respective requirements: "Name" is required and must start with a letter; "Prize in dollars" is required and must be a number between 1 and 50; "Ingredients" is optional and can contain multiple lines of text. At the bottom of the form are two buttons: "DISCARD" and "UPDATE".

Edit pizza

Name

Prize in dollars

Ingredients

DISCARD UPDATE

Required. Shall start with a letter

Required. Shall be number between 1 to 50 dollars

Optional
Free text on many lines

CREATE pop up

- When:
 - Pressing **ENTER**
 - or clicking on **UPDATE** or **CREATE** button

The dialog is closed and **the pizza list must be updated**

Note: we don't have to refresh the page to see the updated list

Note:

- You might need to think how to factorize your code to avoid duplicating 2 views and controllers for the 2 pop ups

#6 – Remove pizza

- When clicking on **REMOVE** button the pizza is removed and **the pizza list must be updated**
 - **Note : we don't have to refresh the page to see the updated list**

LAST DAY - Bug fix and code quality

The last day should be dedicated to

- Fix the last bugs
- Improve the quality of your code after your teacher feedbacks
- Code review and correction