

# CookItUp!



ENJOY COOKING



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- **Jorge Velázquez Jiménez**



**E.T.S. INGENIERÍA INFORMÁTICA**

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# Introduction



- Problems we want to solve:
  - ❖ Low appreciation of people for the food period and the importance of a good meal.
  - ❖ Increased usage of precooked and fast food in society.
  - ❖ Urgent need for more internet sites that substitute these unhealthy habits.
- **Solution:** Creating a web for sharing recipes with people all over the world.

# What We Offer



- Interact with other people
- Be innovative
- Express yourself
- Test and experiment with new creations

# Planning



- Roles Division

Name	Roles
Inbal Hasson Tapiero	Technical leader, Modelling, Design
Alfonso Martínez Conejo	Requirements, Risks
Javier Zafra del Moral	Requirements, Testing
Guillermo Pérez-Peña Martín	Quality, Testing
Javier Jordán Luque	Requirements, Risks
Lucía Corpas Lopez	Testing
Jorge Velázquez Jiménez	Design, Modelling
Lucía Gutiérrez Molina	Management leader, Quality

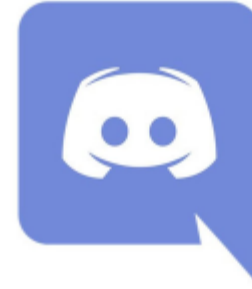
# Planning



- Agile Method: Scrum



# Teamwork







- Monday and Friday Meetings
- Extra Online Meetings via Discord
- Individual Reports per 2 Weeks

# Requirements



- User Stories

- ❖ Some Examples:

#	ID	Name	Documentation	Acceptance Criteria	User Story Owner	Risk	Rank	Sprint
1	US-24	 Create a Recipe	As a registered user I am able to create a new recipe, explaining the details of how it was made and adding at least one photograph	1. There should be two separate parts: one for the necessary ingredients, and another one for the steps to do 2. The recipe description cannot be empty 3. At least one photo must be uploaded. There may be more.		High	High	1
2	US-25	 View Recipe	As a user I am able to see recipes and view their content	1. It should not be necessary to be registered to view the recipes		Low	High	1
3	US-31	 Comment	As a registered user I am able to comment on recipes they have tried, in order to share their opinion.	1. Only users that have done the recipe can make a comment		High	High	2
4	US-34	 Like / Dislike	As a registered user I am able to like and dislike other user's recipes	1. Only users that have done the recipe can like / dislike		Low	High	1



# Requirements



Requirement	Front End	Back End
Create a recipe	You go to /recipe/create.html to find a name for your recipe and after that you are redirected to modify it (/recipe/{id}/modify.html)	/recipe/create return a new recipe or error message, add chips to the user that has created a recipe
	You should create these html files	
	/recipe/{id}/modify.html	
	/recipe/{id}/view.html	
View recipes	/home.html	/recipe/all returns all recipes

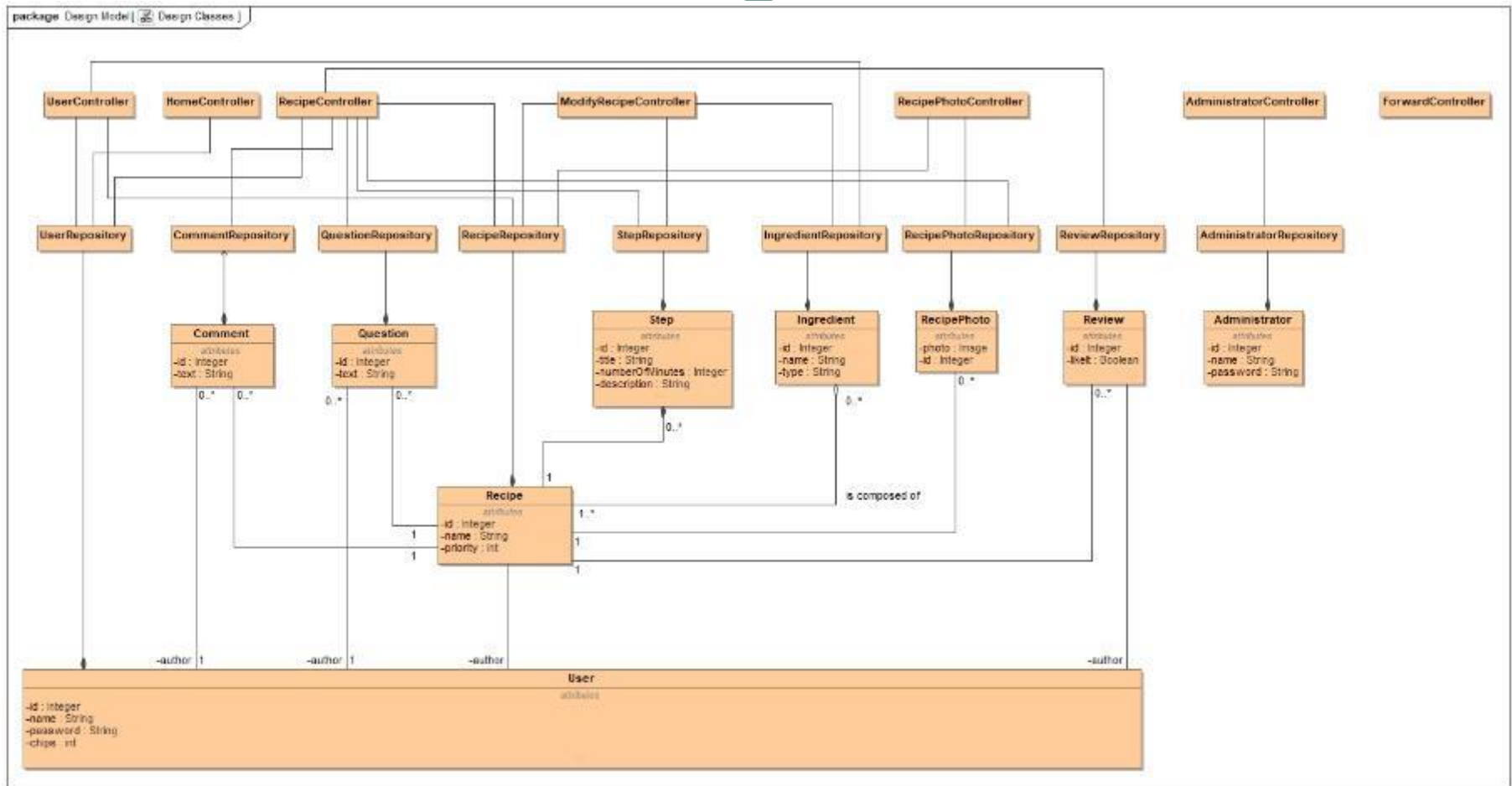
View a recipe	Go to /recipe/{id}/view.html	
	Check if there is a user in the session	/user/current returns the user
	If there is a user, we allow them to comment and ask questions	/recipe/{id}/add_comment /recipe/{id}/add_question
	If there is not a user we check if there is an admin in the session	/admin/current
	The admin will have the option to delete the recipe	/recipe/{id}/admin_delete checks if there is an admin in the session
	We get the recipe	/recipe/{id}/get returns the recipe
	If the author is the same as the user in the session allow to modify or delete the recipe	/recipe/{id}/delete checks if user in the session is owner
	Show the recipe	
	Show the priority and allow to spend chips to upgrade the priority	
	Show the author	
	Show number of likes and dislikes	/recipe/{id}/num_likes returns the number of likes a recipe has /recipe/{id}/num_dislikes returns the number of dislikes a recipe has
	Show comments	/recipe/{id}/comments returns a list with all the comments of the recipe
	Show questions	/recipe/{id}/questions returns a list with all the questions of the recipe

# Requirements



Modify own recipe	/recipe/{id}/modify.html	
	Check if there is a user in the session	/user/current returns the user
	If there is a user, we check if they are the owner	
	If they are not the author we show an error message	
	If there isn't a user, we show an error message	
	We show the recipe	/recipe/{id}/get returns the recipe
	We allow to add ingredients	/recipe/{id}/add_ingredient
	We allow to delete ingredients	/recipe/{id}/delete_ingredient
	We allow to add steps	/recipe/{id}/add_step
	We allow to delete steps	/recipe/{id}/delete_step
Profile	/user/{id}/profile.html	
	Check if there is a user in the session	/user/current returns the user
	We show the user's recipes	/user/{id}/recipes
	Show the user's fridge at /user/{id}/fridge.html	/user/{id}/fridge returns a list of the ingredients in the fridge
Search recipes	/recipe/search.html	/recipe/{name}/search
Admin Home	/admin.html	
	Check if there is an admin	/admin/current
	If so, shows the reports	
	If not shows Log in and Sign Up	/admin/log_in y /admin/sign_up

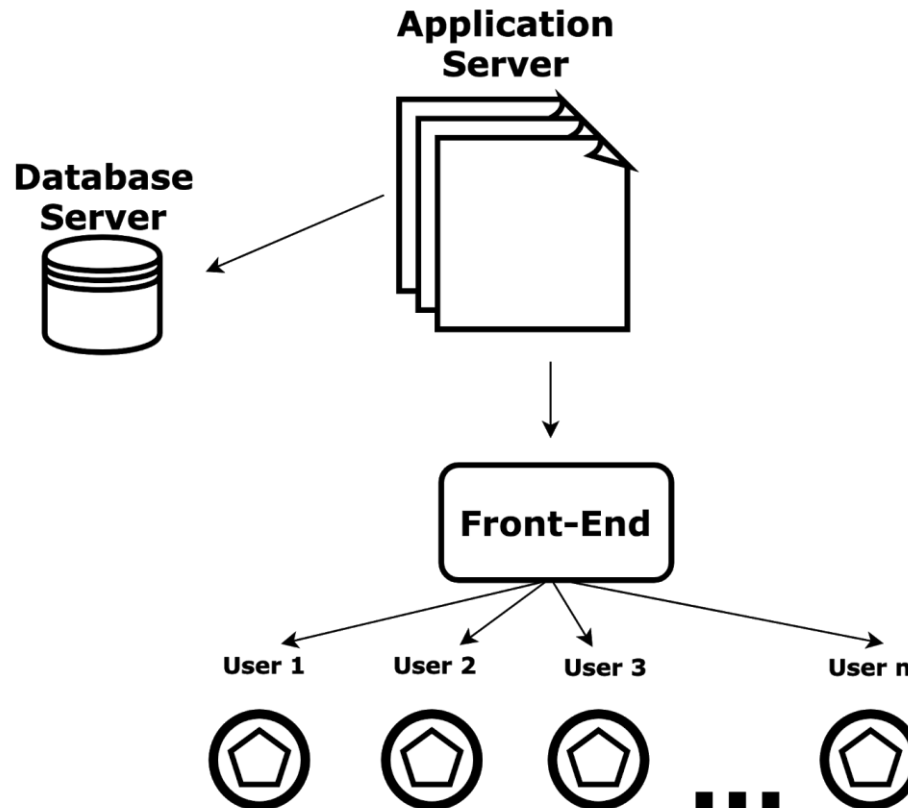
# Class Diagram



# Architecture



## Client-Server Architecture High-Level Diagram



# Environment



- Java

- JavaScript



- IntelliJ IDEA

- HTML



# Testing



- Mockito Extension
- Java language
- Functional tests



# Testing



- Example test: User Controller

```
@BeforeEach
public void setup() {
    JacksonTester.initFields( testInstance: this, new ObjectMapper());

    mvc = MockMvcBuilders.standaloneSetup(userController)
        .build();
}

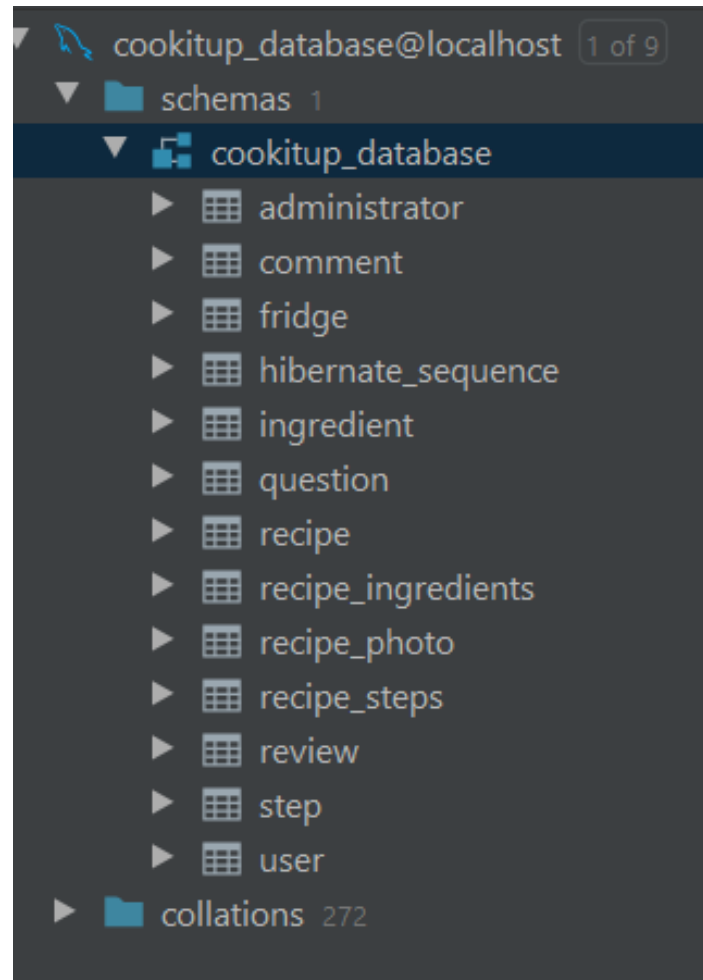
inbaluma
@Test
public void Given_UserIsTheCurrentUser_Then_currentUser_ShouldReturn_TheCurrentUser() {
    MockHttpSession session = new MockHttpSession();
    User user = new User();
    String name = "pepe";
    String password = "password";
    user.setId(1); user.setName(name); user.setPassword(password);
    session.setAttribute( name: "user", user);

    assertEquals(userController.currentUser(session), user);
}
```

# Database



- Text Files









# Database



- Recipe example

	 id	 name	 priority	 author_id
1	2	Salad	0	1
2	8	Sandwich	0	7
3	15	Pizza	0	13
4	16	Cookies	2	6

# Design Principles



- Modularity
- Increase Cohesion
- Reduce Coupling
- Singularity
- Interface Segregation

# Website



- Home page:



# Website



[Log in](#) [Sign up](#) [Search recipes](#)

## Log in

Name:

Password:

CookItUp! is a website developed by a group of students from the University of Malaga

[Log in](#) [Sign up](#) [Search recipes](#)

## Sign up

Name:

Password:

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# Website



- Search recipes:

Search for recipes:

## Huevo frito

### Ingredients

- Huevo
- Aceite
- Sal

### Steps

1. Romper el huevo
2. Freir el huevo

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# Website



- Create a recipe:

## Recipe name

Look for an available recipe name:

---

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# Website



## Paella

### Ingredients

- Arroz
- Colorante
- Pollo
- Agua

### Steps

1. cocer  
10 minutes  
Jeje

Recipe done by: [Lu](#)

0 likes

0 dislikes

## • View a recipe

### User Photos

Add a photo  No se ha seleccionado ningún archivo

### Comments

Lu: que?

Add a comment

### Questions

Add a question

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# Why “CookItUp!”?



- Young
- Ambitious
- Entertaining without addiction



# Results and Conclusion



- Results: Website
- What we have learned...
  - Teamwork
  - Responsibility
  - Importance of schedule