<CookItUp!>

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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 an app 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
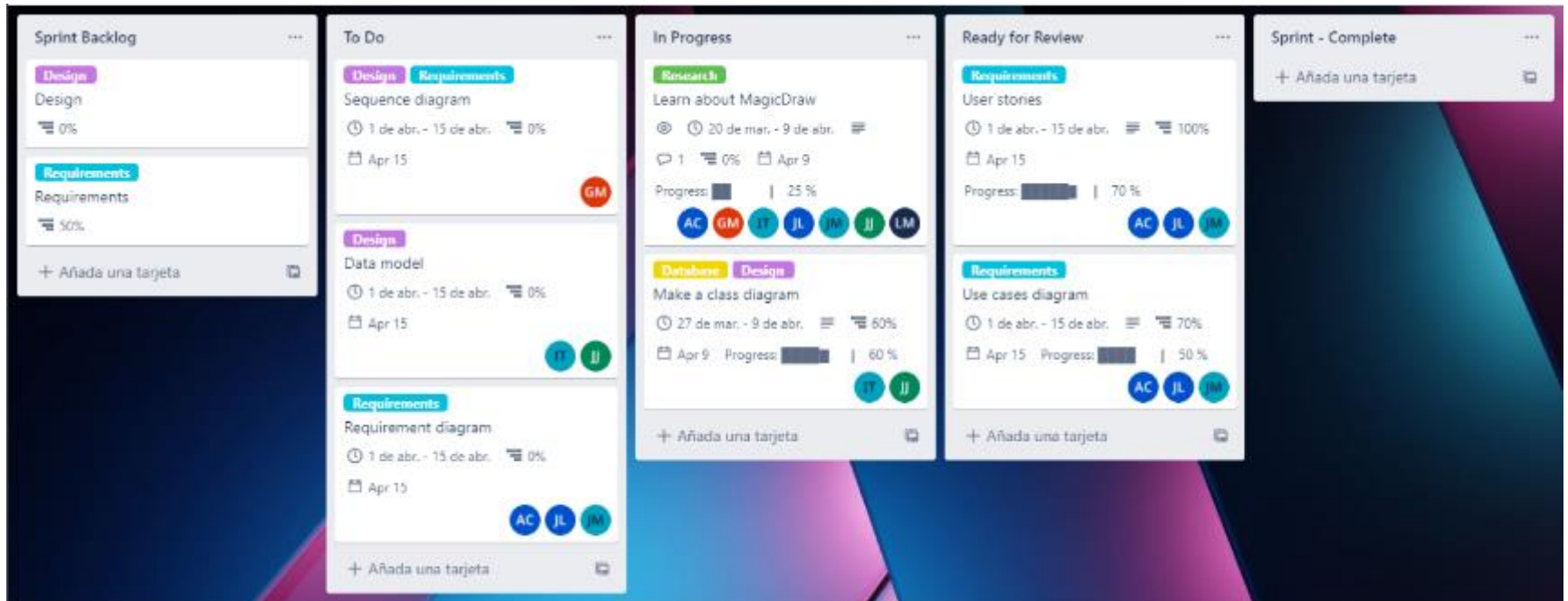
Planning

- Gantt Chart
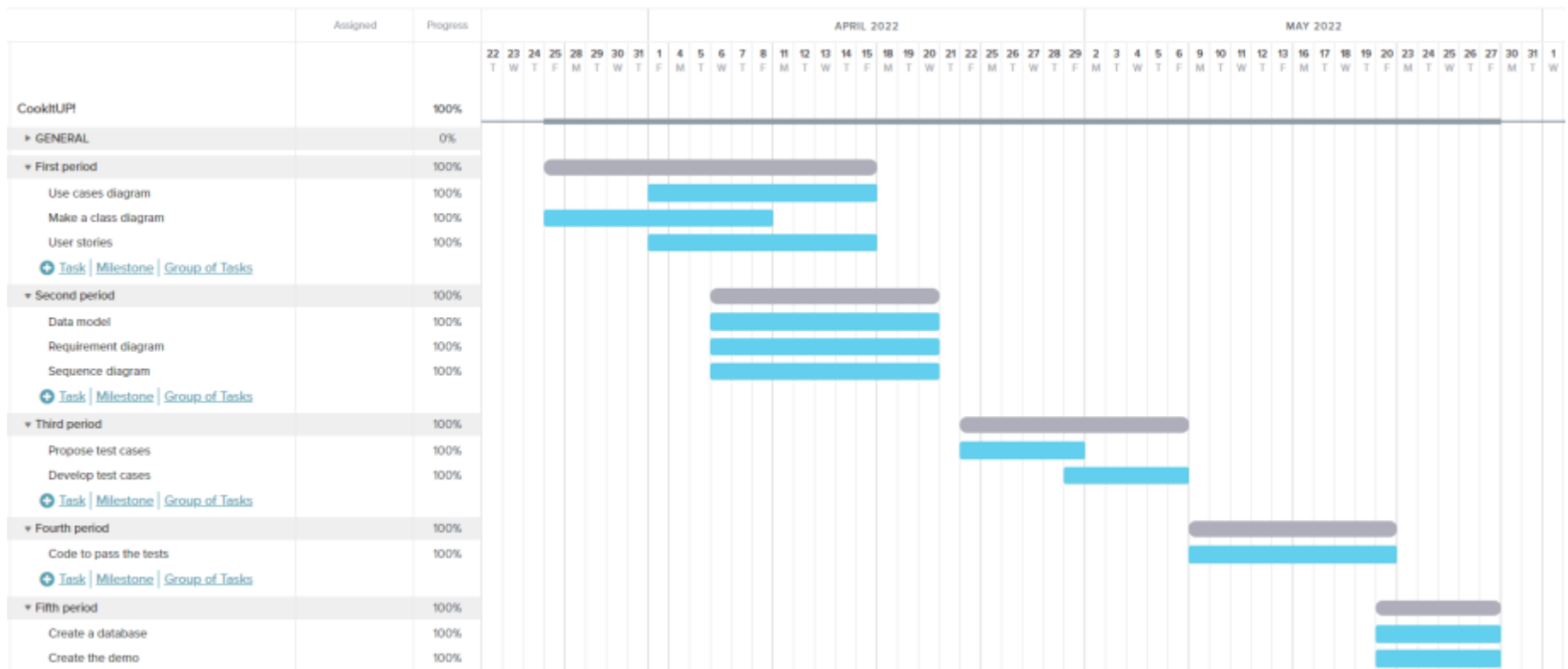
Planning

- Agile Method: Scrum

Teamwork

- Monday and Friday Meetings

- Extra Online Meetings via Discord

- Individual Reports per 2 Weeks

Requirements

- ## User Stories

  - ### Some Examples:

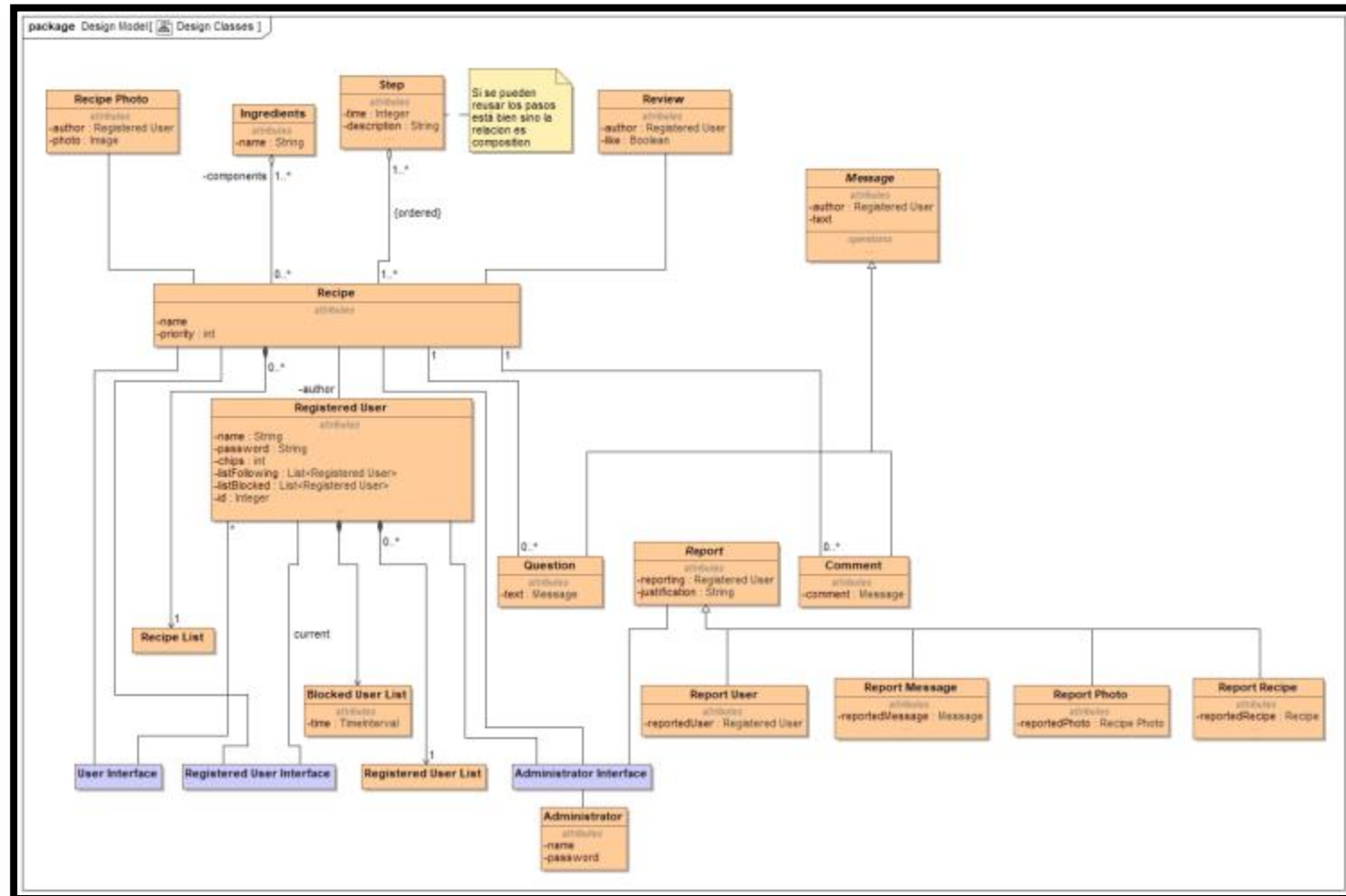| #	ID	Name	Documentation	Acceptance Criteria	User Story Owner	Risk	Rank	Sprint
1	US-24	Create a Recipe	As a registered user I am able to create a new recipe, explaining the details of how it was made and adding at least one photograph	1. There should be two separate parts: one for the necessary ingredients, and another one for the steps to do 2. The recipe description cannot be empty 3. At least one photo must me 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 receipes		Low	High	1
3	US-31	Comment	As a registerded 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

- Use Cases
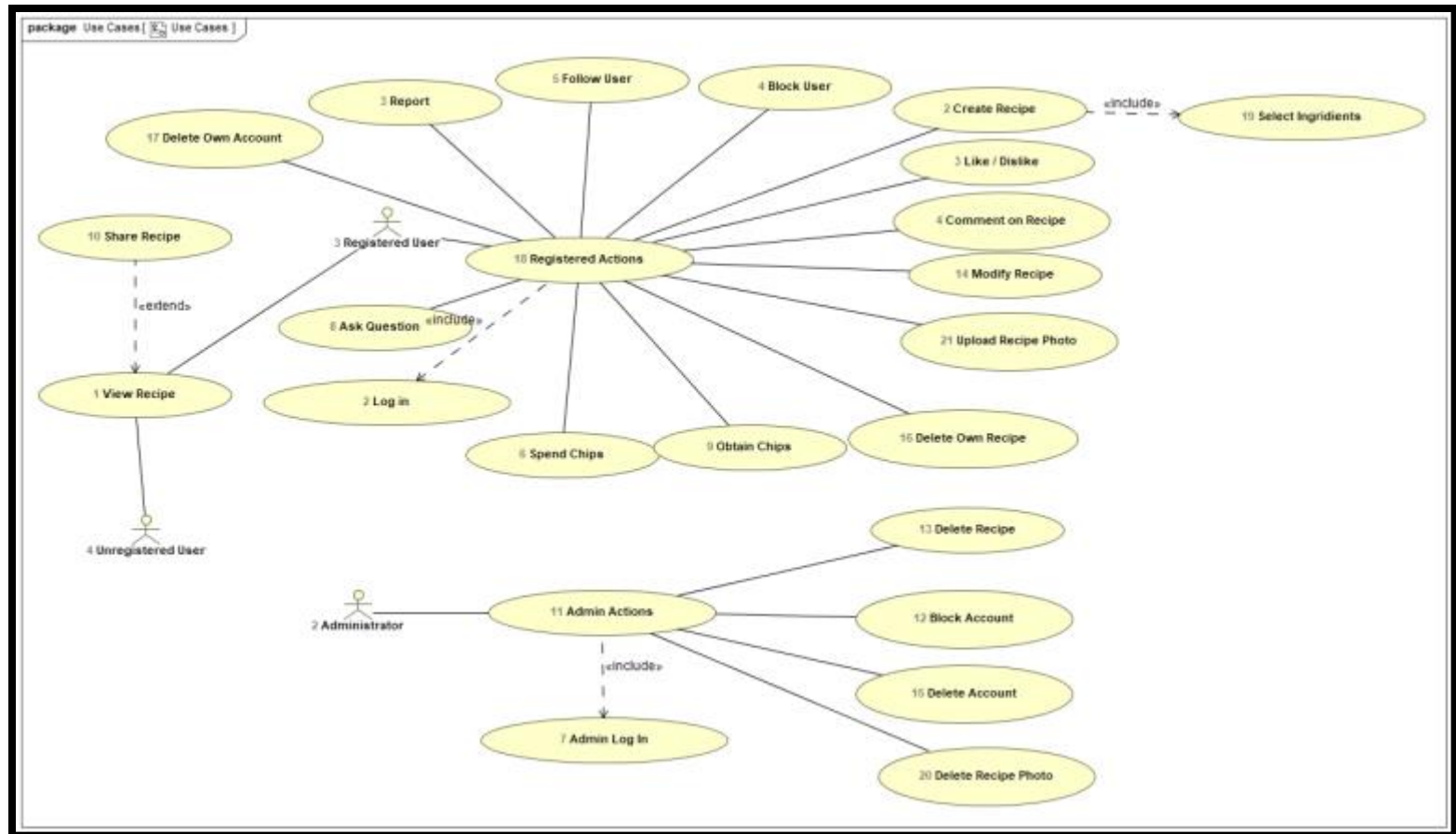
Requirements
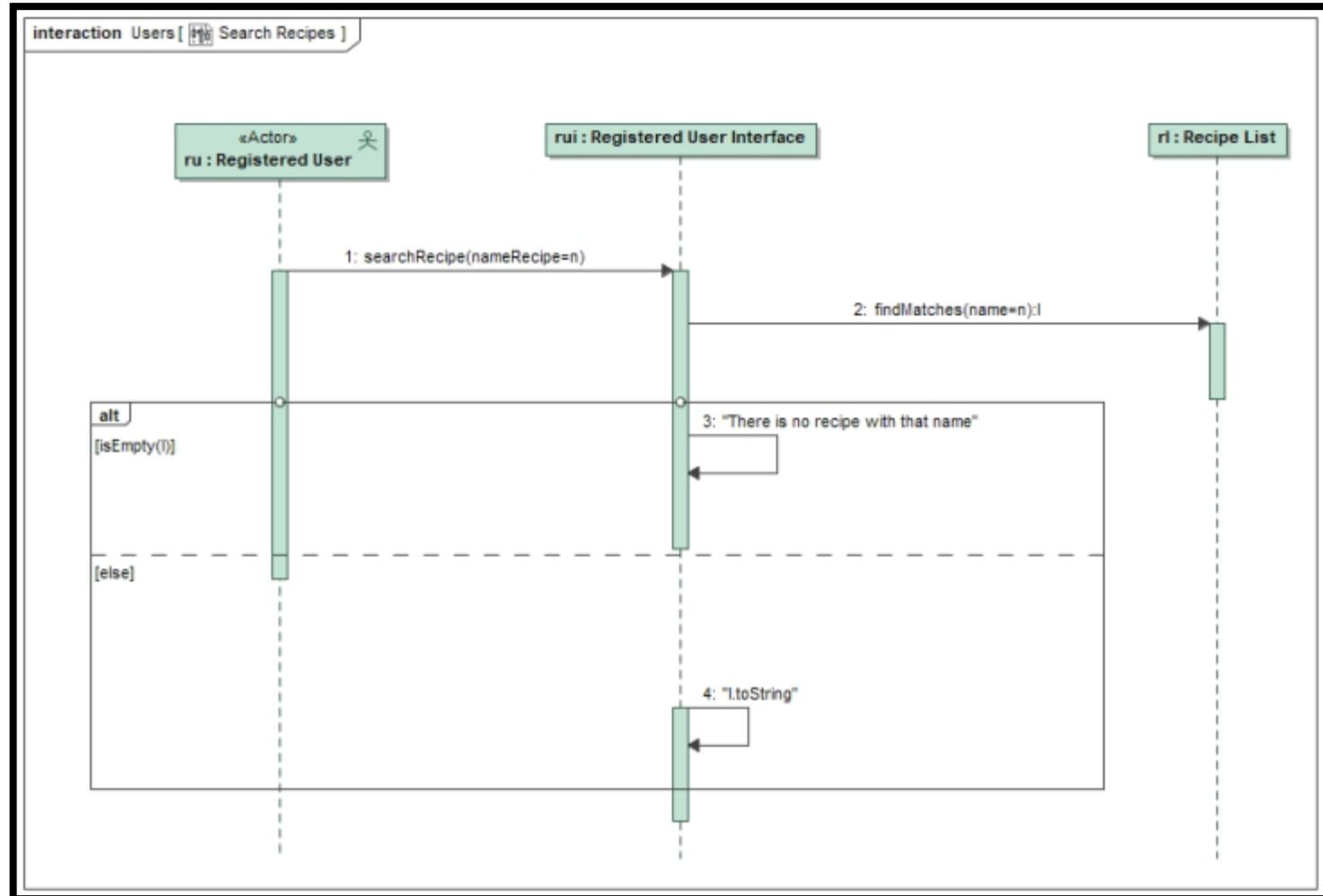
- Functional Requirements

  - Create an account
  - Log in/out
  - Create/delete a recipe
  - Database for storage
  - View a recipe
  - Like/dislike a recipe
  - Comment/question

  - Share recipes
  - Gain coins
  - Report users
  - Delete own account
  - Block users
  - Follow users
  - Modify recipes

Class Diagram

Sequence Diagram

interaction Users [🔲 Search Recipes]

«Actor»
ru : Registered User

rui : Registered User Interface

rl : Recipe List

1: searchRecipe(nameRecipe=n)

2: findMatches(name=n):l

alt

[isEmpty(l)]

3: "There is no recipe with that name"

[else]

4: "l.toString"

Architecture

- Object-Oriented Call and Return

Structure of call and return architectures
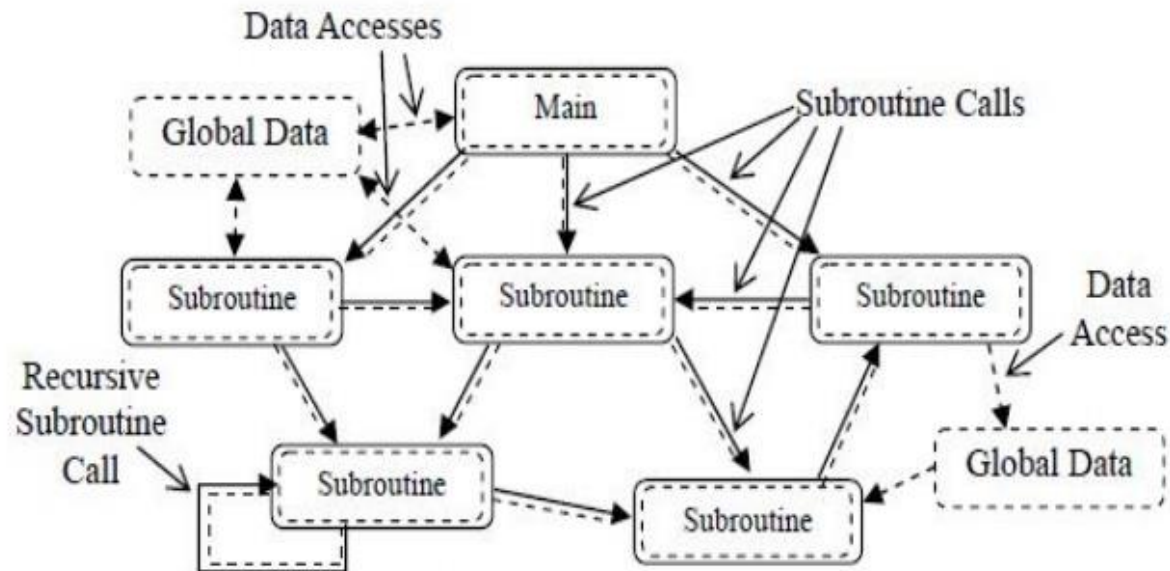
Figure 6.12 Structure of call and return architectures

Environment

- Java

- Eclips

Testing

- Test-Driven development

- Junit 4

```java
@Test
void usuarioBloqueaUsuarioLoAnadeAListaDeUsuariosBloqueados() {
    us0interface.block(us2);
    assertTrue(us0interface.isBlocked(us2));
    assertFalse(us0interface.block(us2));
}

@Test
void usuarioDesbloqueaUsuarioLoQuitaDeListaDeUsuariosBloqueados() {
    us0interface.unblock(us1);
    assertFalse(us0interface.unblock(us1));
}
```

Runs: 14/14   ❌ Errors: 0   ❌ Failures: 0

RegisteredUserInterfaceTest [Runner: JUnit 5] (0,256 s)
- usuarioFollowUsuarioLoAnadeListaDeUsuariosSeguidos() (0,001 s)
- usuarioAgregaPasoAUnaReceteYSeAgeregaALaListaDeStepsDeLaReceta() (0,000 s)
- usuarioAgregaIngredienteAlaRecetaYSeAnadeALaListaDeIngredientes() (0,041 s)
- usuarioBloqueaUsuarioLoAnadeAListaDeUsuariosBloqueados() (0,006 s)
- usuarioEliminaIngredienteDelaRecetaYSeEliminaDeLaListaDeIngredientes() (0,042 s)
- usuarioCreaUnaRecetaYSeAnadeAListaDeRecetas() (0,030 s)
- usuarioSeGastaLasChips() (0,006 s)
- deletearMiPropiaCuentaDeUsuario() (0,023 s)
- usuarioDesbloqueaUsuarioLoQuitaDeListaDeUsuariosBloqueados() (0,021 s)
- usuarioHaceComentarioSobreUnaRecetaYSeAnadeALaListaDeComentariosDeLaReceta() (0,020 s)
- usuarioQuitaPasoAUnaReceteYSeEliminaDeLaListaDeStepsDeLaReceta() (0,005 s)
- usuarioPreguntaUnaQuestionSobreUnaRecetaYSeAnadeALaListaDePreguntasDeLaReceta() (0,018 s)
- deletearMiPropiaRecetaYQuitarDeListaDeRecetas() (0,033 s)
- usuarioUnfollowUsuarioLoQuitaListaDeUsuariosSeguidos() (0,010 s)

Database

- Text Files

Administrators	03/06/2022 16:41	Documento de te...	1 KB
BlockedTable	03/06/2022 16:41	Documento de te...	1 KB
Comments	03/06/2022 16:41	Documento de te...	1 KB
FollowTable	03/06/2022 16:41	Documento de te...	1 KB
Fridge	03/06/2022 16:41	Documento de te...	1 KB
Ingredients	03/06/2022 16:41	Documento de te...	1 KB
Questions	03/06/2022 16:41	Documento de te...	1 KB
RecipeIngredientTable	03/06/2022 16:41	Documento de te...	1 KB
Recipes	03/06/2022 16:41	Documento de te...	1 KB
RecipeStepTable	03/06/2022 16:41	Documento de te...	1 KB
RegisteredUsers	03/06/2022 16:41	Documento de te...	1 KB
Reports	03/06/2022 16:41	Documento de te...	1 KB
Reviews	03/06/2022 16:41	Documento de te...	0 KB
Steps	03/06/2022 16:41	Documento de te...	1 KB

Design Principles

- Modularity

- Increase Cohesion

- Reduce Coupling

- Singularity

- Interface Segregation

Why "CookItUp!"?

- Young

- Ambicious

- Entertaining without addiction

Results and Conclusion

- ## Terminal Demo

```
You logged in
Welcome to CookItUp,how would you like to join us??
1. As a register user
2. As an unregistered user
3. As an administrator
1
------------------
Menu Principal
1. See all recepies
2. See own profile
3. Create recipe
4. Exit Program
1
#1
Tortilla de papa
Author: Jorge
Ingredients:
        Patata
        Huevo
Steps:
1. 10 min: Batir los huevos
2. 30 min: Cortar la patata

#2
Huevo frito
Author: Jorge
Ingredients:
        Huevo
Steps:
1. 10 min: Batir los huevos

------------------
What do you want to do
1. Select a recipe to view details
2. Next Page
3. Go back.
```

- ## What we have learned...

  - Teamwork

  - Responsability

  - Importance of schedule