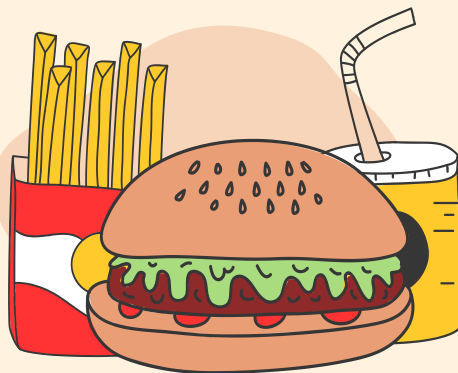universidade
de aveiro

POLLOS HERMANOS
TQS PROJECT

Licenciatura em Engenharia Informática

Artur Denderski, 122282
Maria João Sardinha, 108756
Mateusz Kubiak, 122385
Joana Gomes, 104429

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TEAM & ROLES

Maria João Sardinha
Team Coordinator

Mateusz Kubiak
QA Engineer

Artur Denderski
DevOps Master
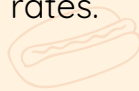
Joana Gomes
Product Owner

CONCEPT

Pollos Hermanos is a platform to enhance customer satisfaction, streamline operations and order management for fast-food restaurants.

Our digital platform will feature intuitive components designed to meet the needs of both employees and customers in an effective and user-friendly manner.

Some key goals for the platform include reducing order processing time and increasing customer retention rates.

PERSONAS

Ethan, 26 years old
Employed by a restaurant as a cashier
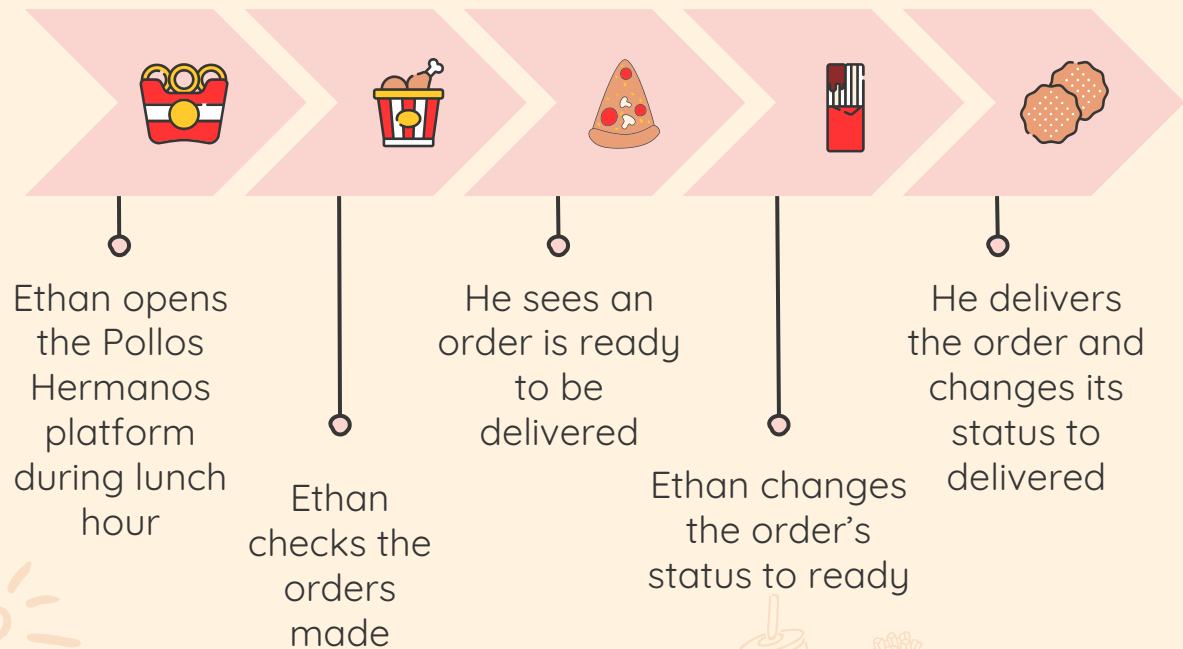Needs to use Pollos Hermanos to:
- ➜ Process Orders
- ➜ Handle Payments

Fiona, 34 years old
Family-focused customer
Uses Pollos Hermanos to:
- ➜ Order food from different restaurants
- ➜ Keep track of orders
- ➜ Pay for the meals

SCENARIOS

1. **Ethan delivers an order**

Ethan opens the Pollos Hermanos platform during lunch hour

Ethan checks the orders made

He sees an order is ready to be delivered

Ethan changes the order's status to ready

He delivers the order and changes its status to delivered

SCENARIOS

1. Fiona orders for her family

Fiona uses Pollos Hermanos to order food from different restaurants

She places the different orders and pays

She checks when the orders are ready to be picked up

She goes to the restaurants, shows Pollos Hermanos

Fiona collects her orders and enjoys a meal with her family

FUNCTIONAL REQUIREMENTS

Clients must be able to:

Register and Login

Select Restaurants

Browse Menus and Select Items

Place Orders

Track Orders

Pay for their Order

Reorder

FUNCTIONAL REQUIREMENTS
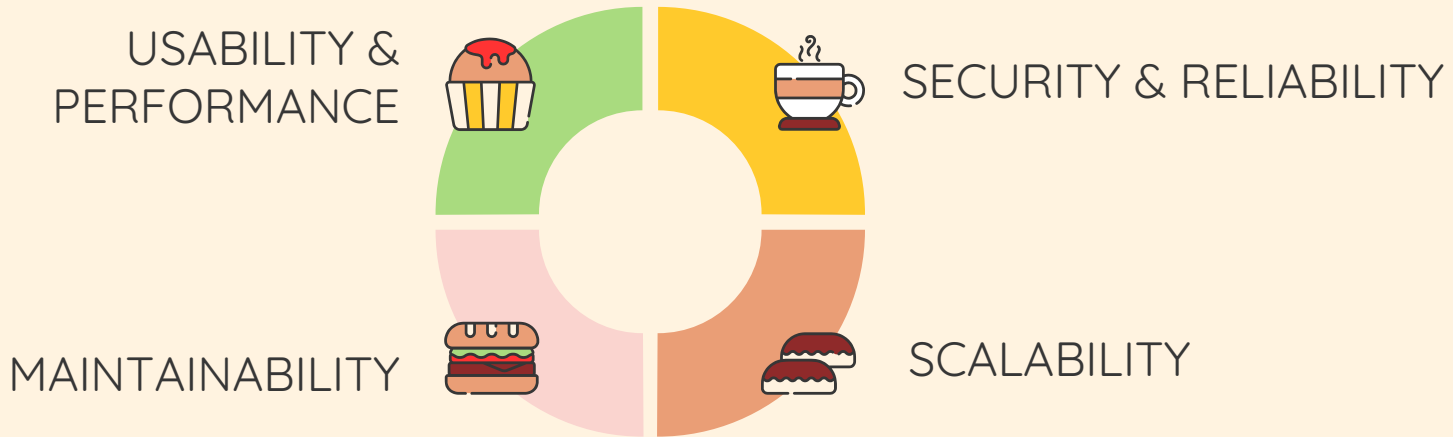
Employees must be able to:
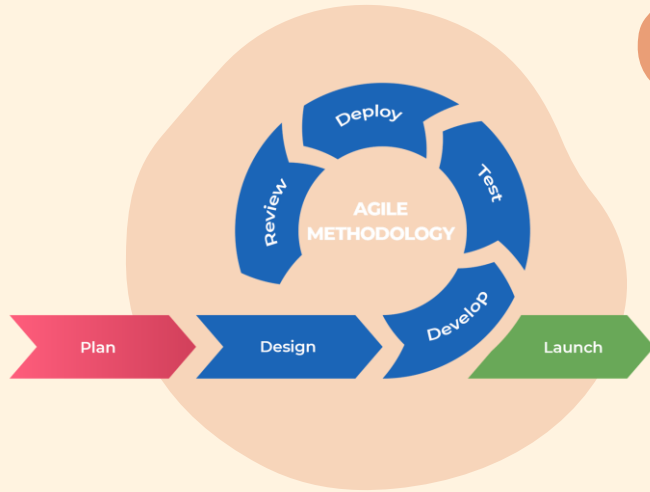
Manage Orders

Check Payments

Change Order Status

NONFUNCTIONAL REQUIREMENTS

USABILITY & PERFORMANCE

SECURITY & RELIABILITY

MAINTAINABILITY

SCALABILITY

PROJECT MANAGEMENT

AGILE METHODOLOGY

Deploy

Test

Review

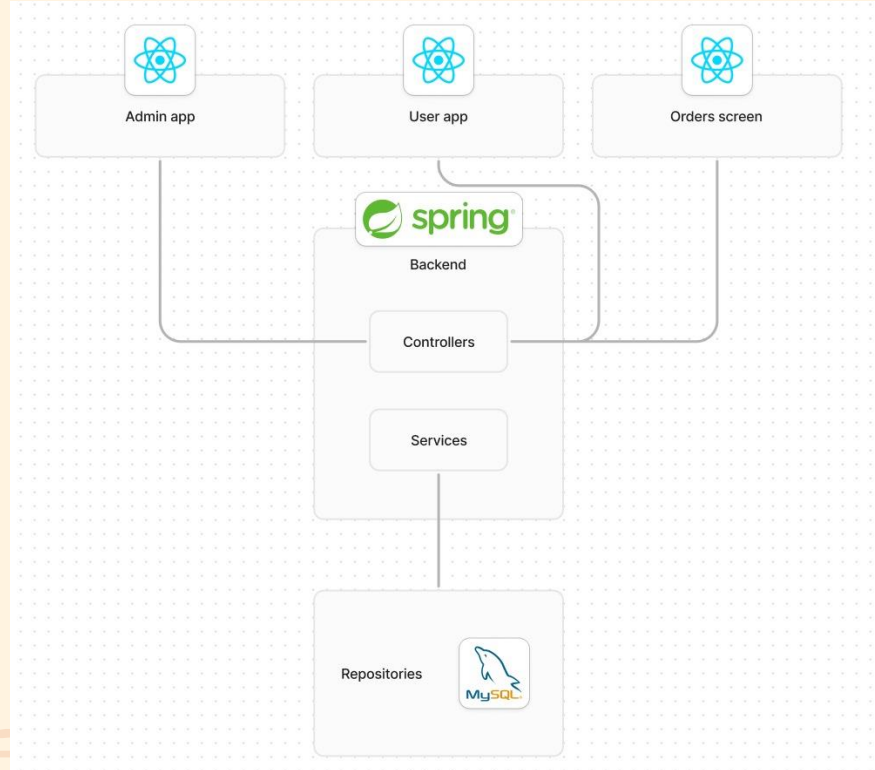Develop

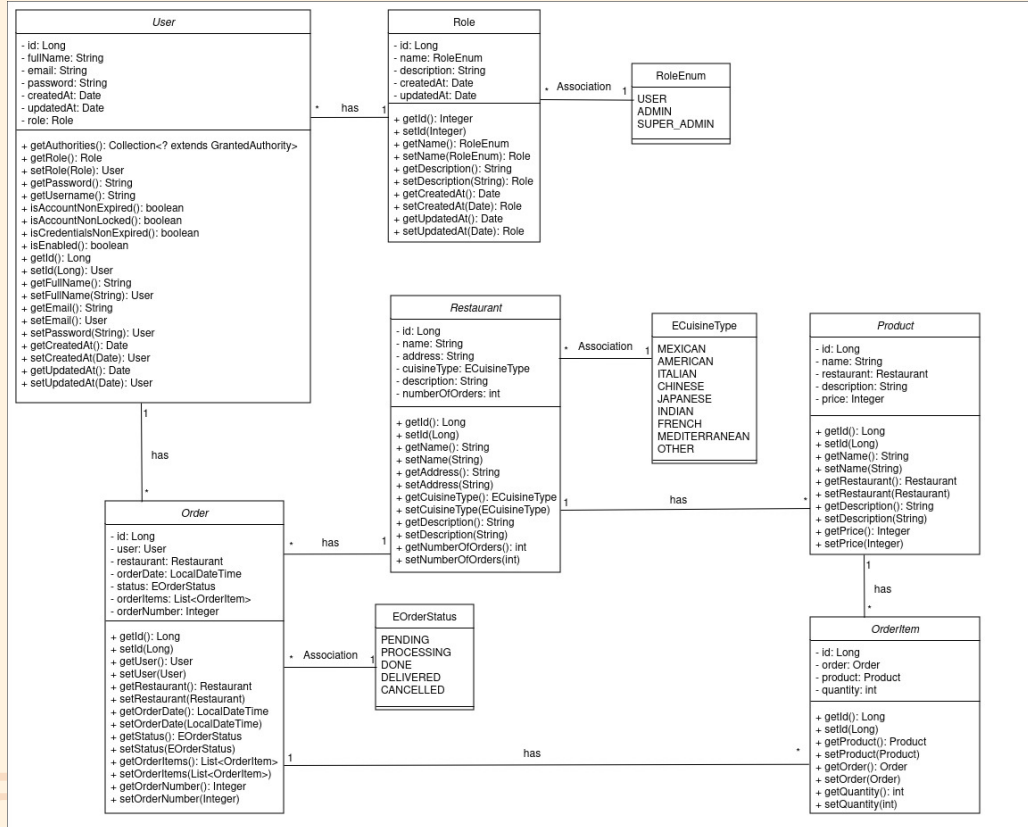Plan · Design · Launch

EPICS AND USER STORIES

BACKLOG MANAGEMENT

SPRINT PLANNING AND EXECUTION

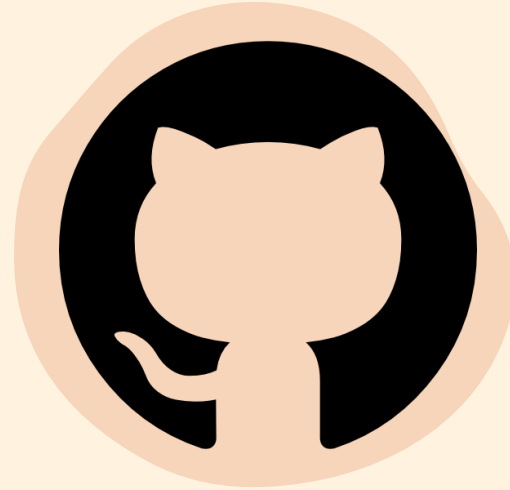# SYSTEM ARCHITECTURE

DOMAIN MODEL

DEVELOPMENT WORKFLOW

SOFTWARE TESTING

```
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 88, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
```

DEMO

THANK YOU

Any questions?