

# Network of pickup points as a service


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- Testes e Qualidade de Software

# Roles

- Team Manager - Vânia Moraes
- Product Owner – Catarina Costa
- DevOps Master - João Sousa

\*Everyone is a Developer and QA Engineer

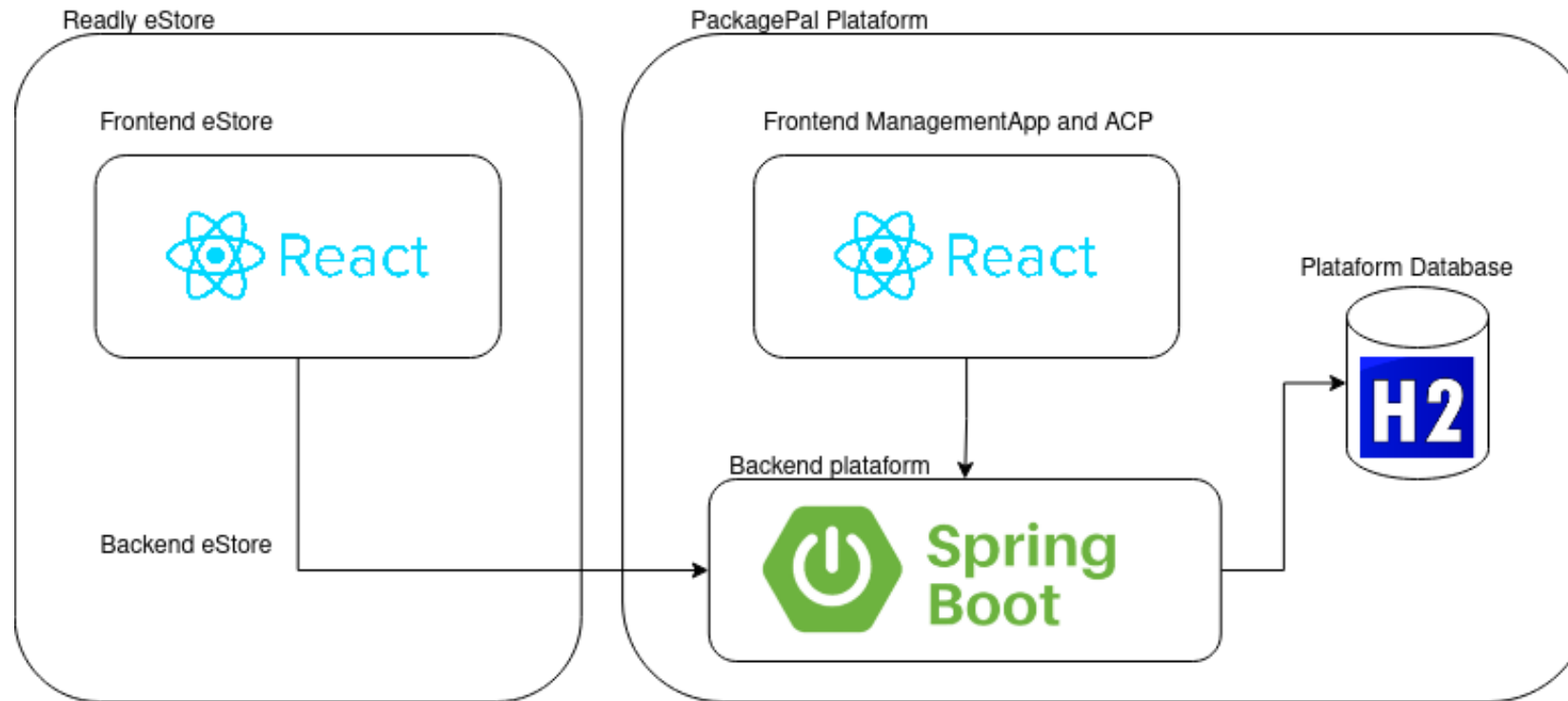




# Concept Overview

PackagePal meets the needs of various players in the e-commerce ecosystem. The main beneficiaries of our services are eStore owners, customers and pickup point administrators.

# Architecture



# SQA environment - workflow

1

CI/CD

2

Development  
routine and  
workflow

3

Github  
workflow  
and Code  
Review  
Practices

# CI

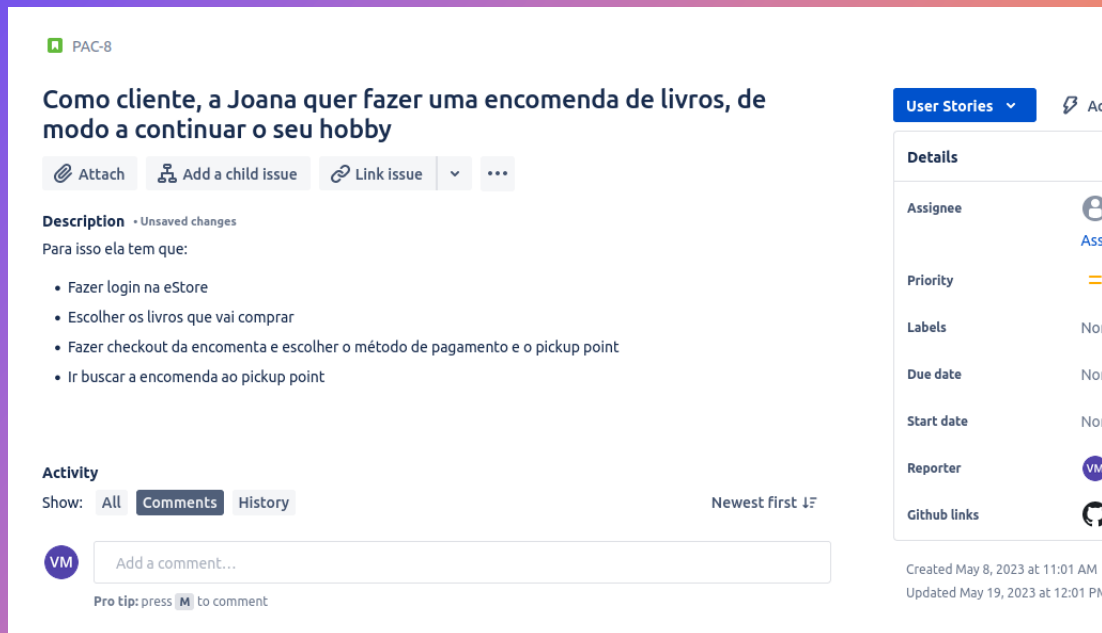
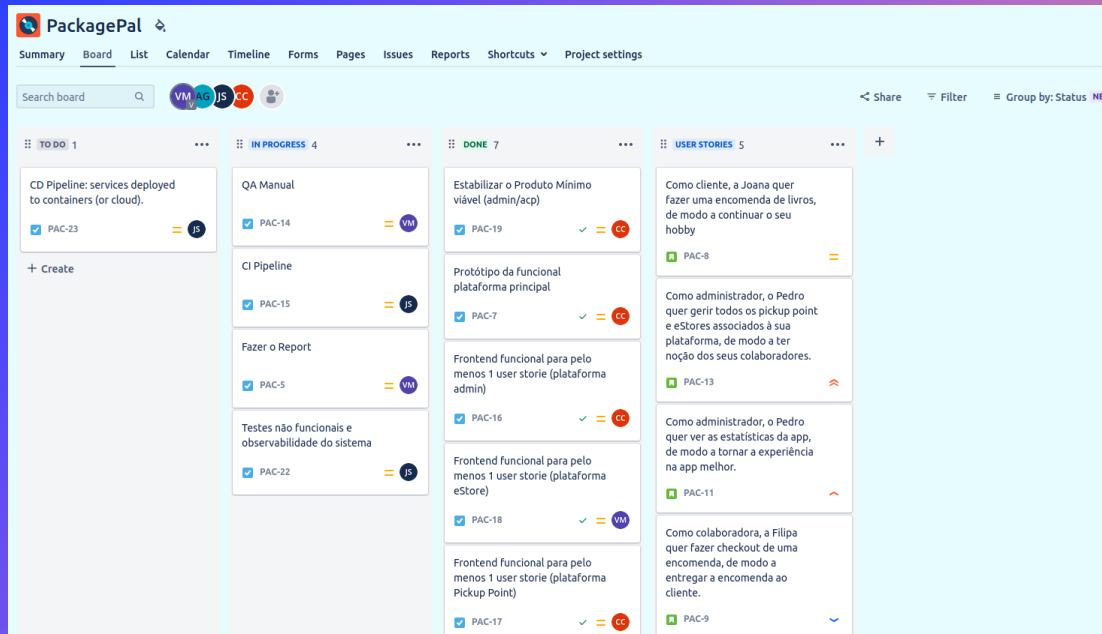
- Workflow triggered on each push or pull request to the main branch
- SonarCloud to analyze the source code and better the code quality
- Clean code and low bugs appearance



# CD

- Easy rollbacks, automatization, portability and scalability
- That results in: error reduction, consistency of execution and more trusted implementation



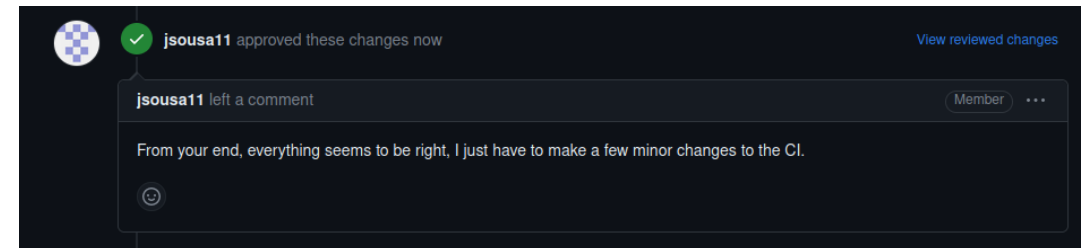
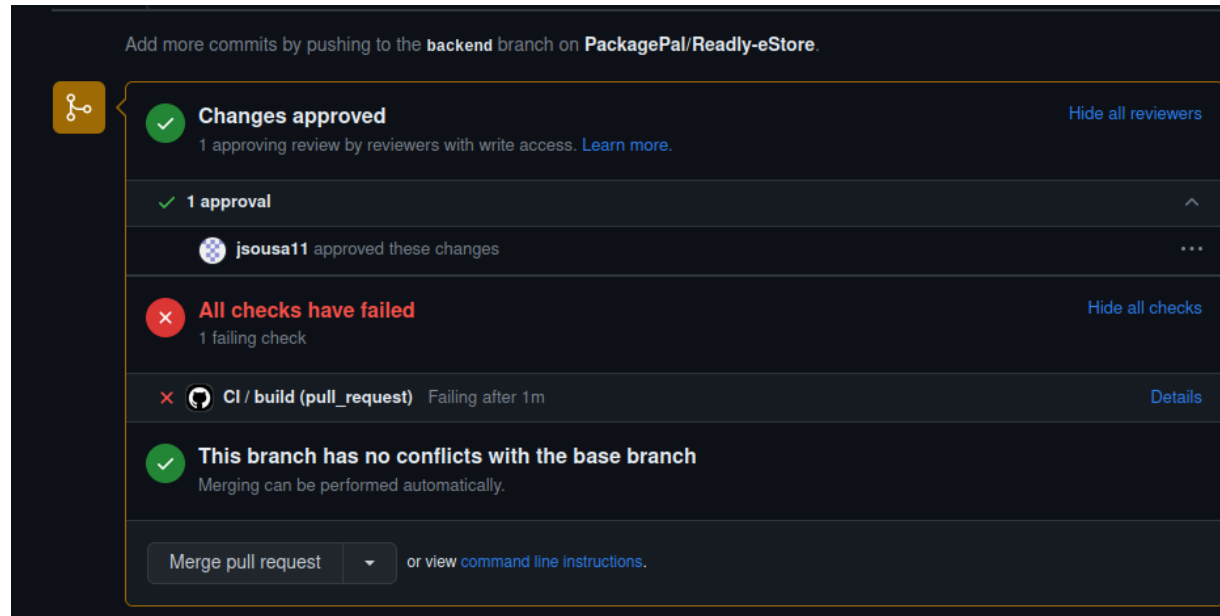


# Development routine and workflow



# Github workflow and Code Review Practices

## Pull Requests



# Conventions

Standard Git Flow

Standard Features  
Branching

Standard Naming  
Conventions

# Testing Strategy

- Behavior-Driven Development (BDD)



# Lessons Learned

- Make incremental code testing is crucial
- Implementation CI and CD workflow is a great way to detect issues quickly
- Always be open to learn from mistakes and constantly improve development processes and practices

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# DEMO

PackagePal & Readyly