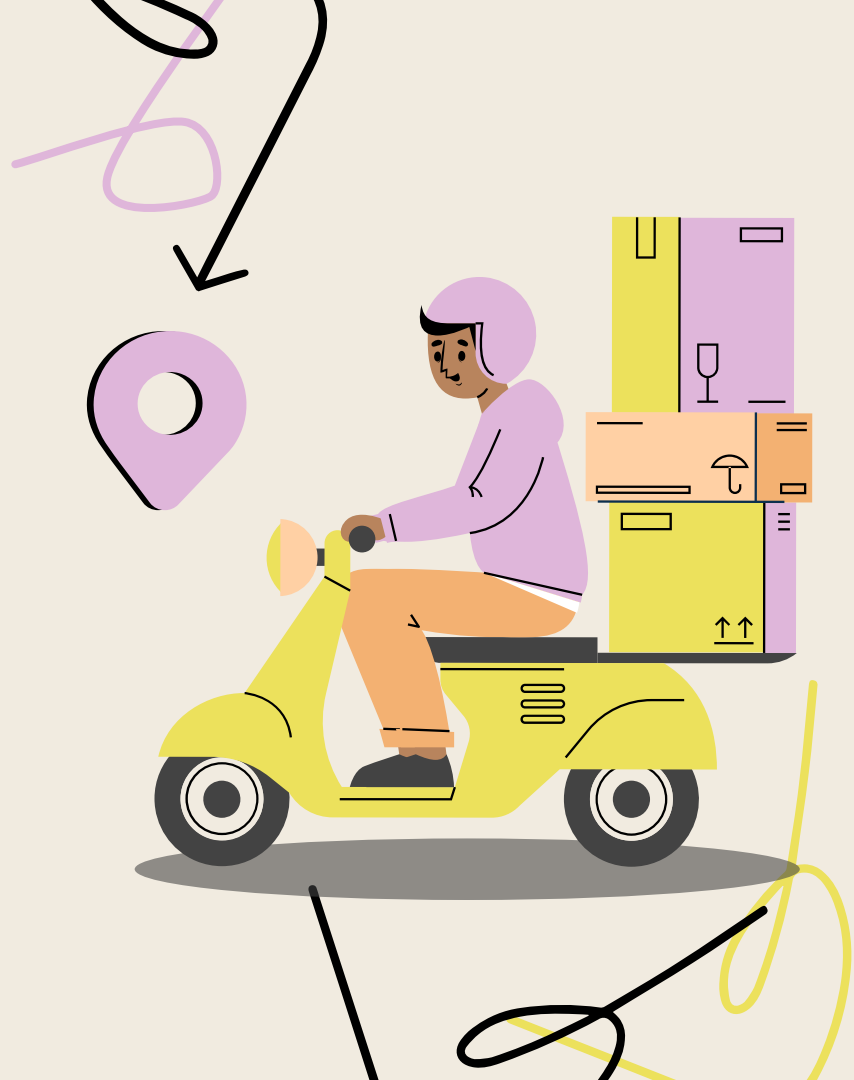# LoadConnect

TQS 2023
Gonçalo Silva - 103668
João Matos - 103182
Pedro Rasinhas - 103541
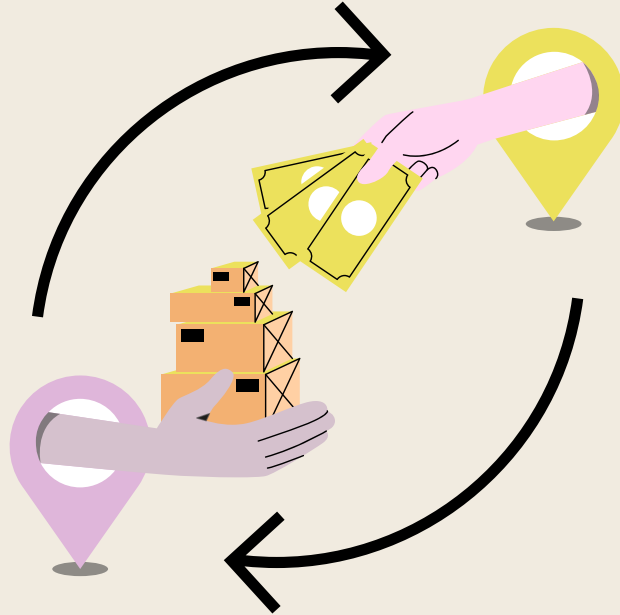
LoadConnect - Product Concept

LoadConnect Core

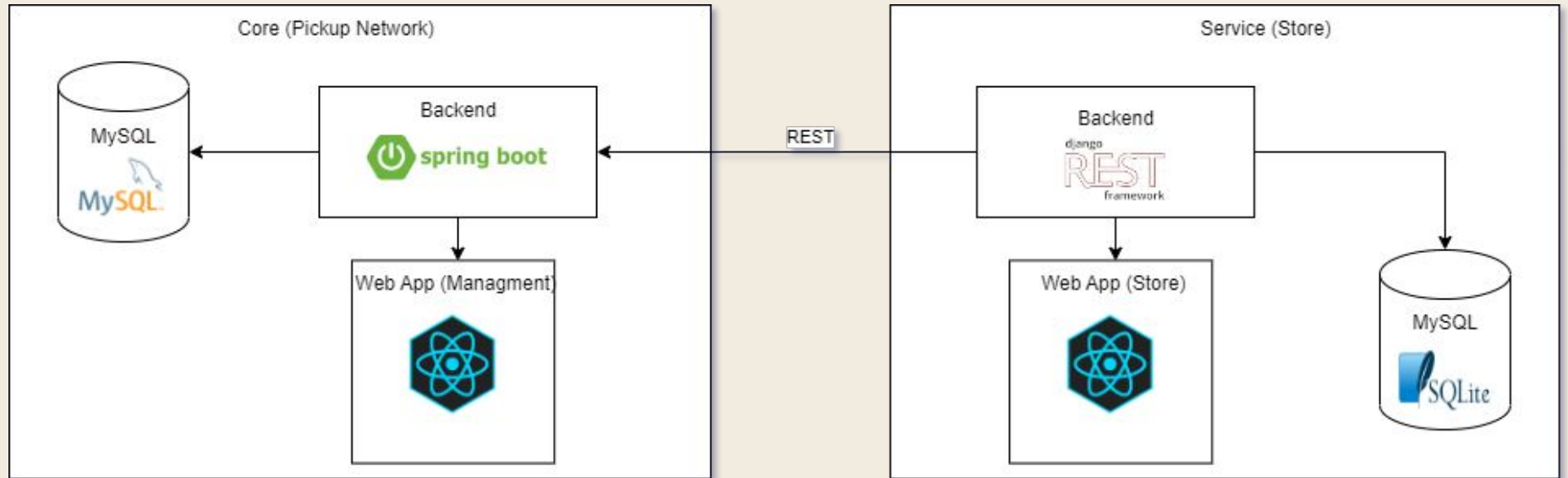Load connect is a system that establishes and manages a network of pickup points as a service.

ByteWave

ByteWave is a technology store that offers a wide range of gadgets and electronics, providing customers with the latest advancements in a sleek and modern shopping environment.

LoadConnect - Architecture

LoadConnect - Use Cases (Core)

ADMIN

- Check all pickup points, orders and partner stores;

- Manage pickup points;

Partner Store

- Pickup point registration;

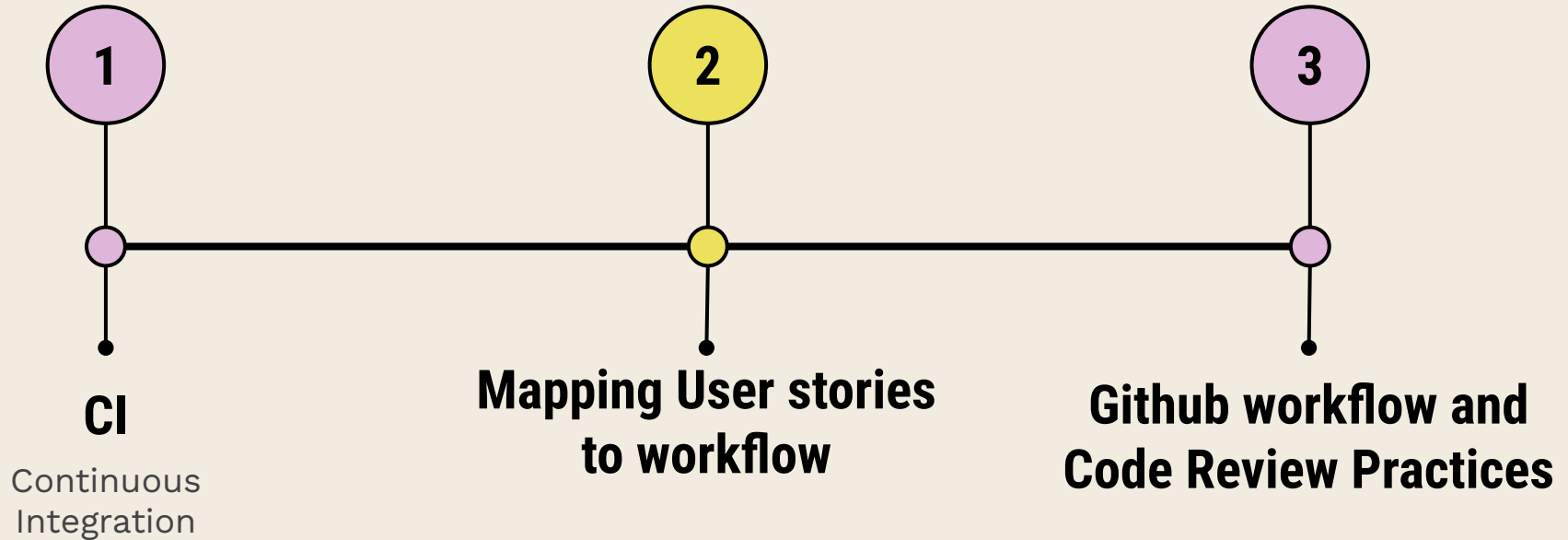- Check all orders;

- Change order status;

LoadConnect - Use Cases (Store)

User

- Add products to cart;

- Select pickup point;

- Order products (checkout);

- Check his past orders;

- Check his order status;

SQA environment - workflow

1

CI

Continuous
Integration

2

**Mapping User stories
to workflow**

3

**Github workflow and
Code Review Practices**

SQA environment - CI Pipeline

Sonar way

DEFAULT   BUILT-IN

Conditions ?

Conditions on New Code

Conditions on New Code apply to all branches and to Pull Requests.

Metric	Operator	Value
Coverage	is less than	80.0%
Duplicated Lines (%)	is greater than	3.0%
Maintainability Rating	is worse than	A
Reliability Rating	is worse than	A
Security Hotspots Reviewed	is less than	100%
Security Rating	is worse than	A

Copy

sonarcloud

SQA environment - Mapping User stories to workflow

NÃO INICIADO 10 ISSUES

Add products to cart

STORE - USER

TP-49

Login in the platform and see

EM PROGRESSO 1 ISSUE

Register and Login in the Store

STORE - USER

TP-61

CONCLUÍDO 6 ISSUES ✓

Register and Login in the Platform

LOADCONNECT SYSTEM - PICKUPPOINT

TP-34

Jira

TP-33 / TP-63

Change order status

Anexar   Adicionar um problema secundário   Associar problema   ⌄   ...

Descrição
Description:

As an pickup point worker, i want to change the order status on the platform to inform the client.

Acceptance Criteria:

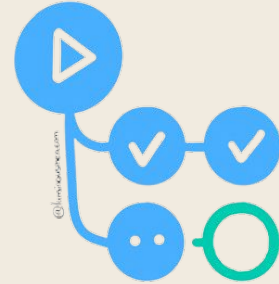As an pickup point worker, i access the page to change the order status and change the order status

SQA environment - Github Workflow and code review practices
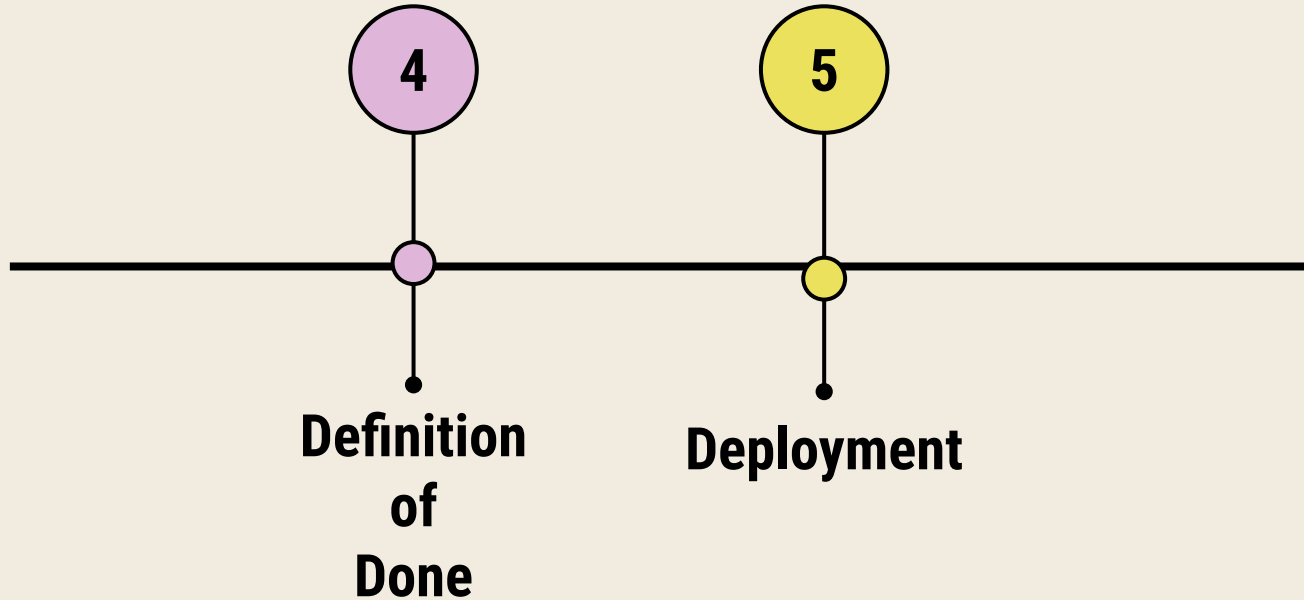
1. New task -> new branch -> explicit name;

```
TP-62-check-all-current-orders-on-each-pickup-point-and-its-details
```

2. Code changes -> committed to the local branch (frequently)

3. Initiate a pull request to request code review

4. Merge the pull Request

5. Delete the branch

SQA environment - workflow

4

5

Definition
of
Done

Deployment

SQA environment - Definition of Done

1. Fulfillment of acceptance criteria:

2. Code implementation and review:

3. Passing unit tests:

4. Successful integration tests:

5. The feature is deployed in the production environment
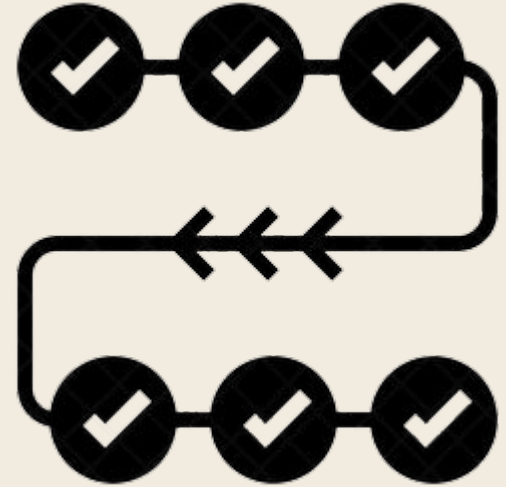
SQA environment - Testing Technologies

SQA environment - Deployment

Front-End

Back-End + DB

Lessons Learned - TDD

Early detect of
defects

Avoid
ambiguity

Bigger
flexibility