# TQS Delivery & HumberPeças

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Testes e Qualidade de Software
DETI, UA
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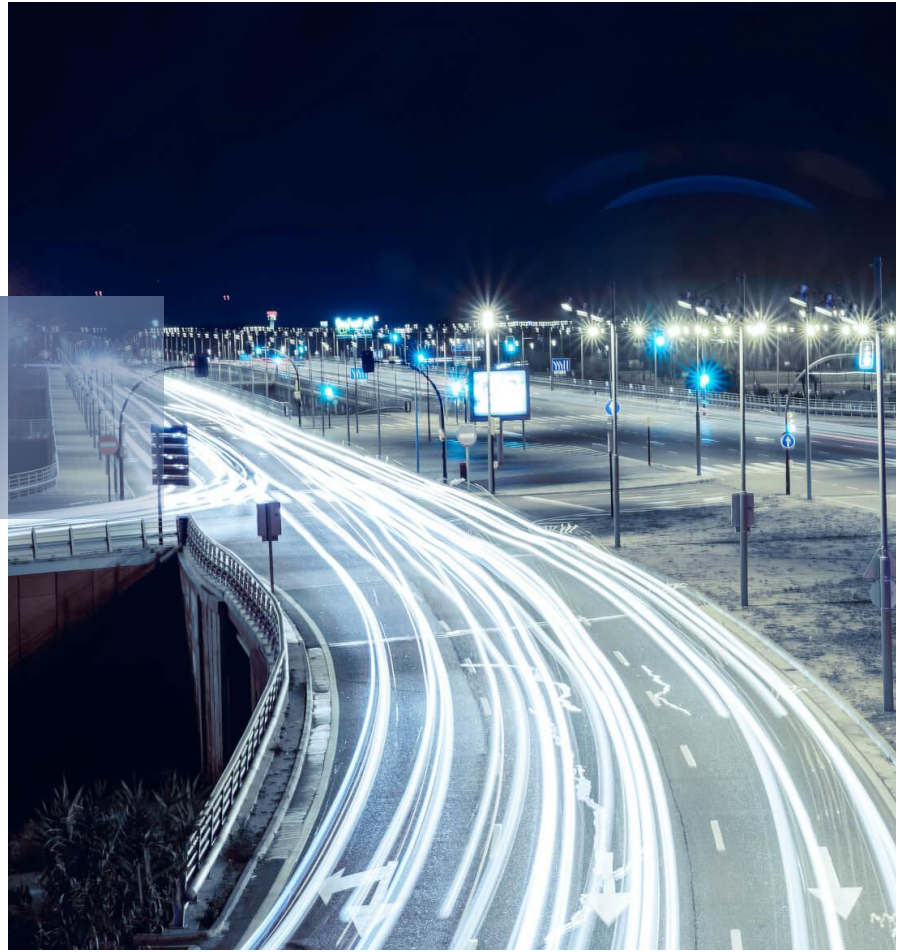


# CONCEITO DO PRODUTO

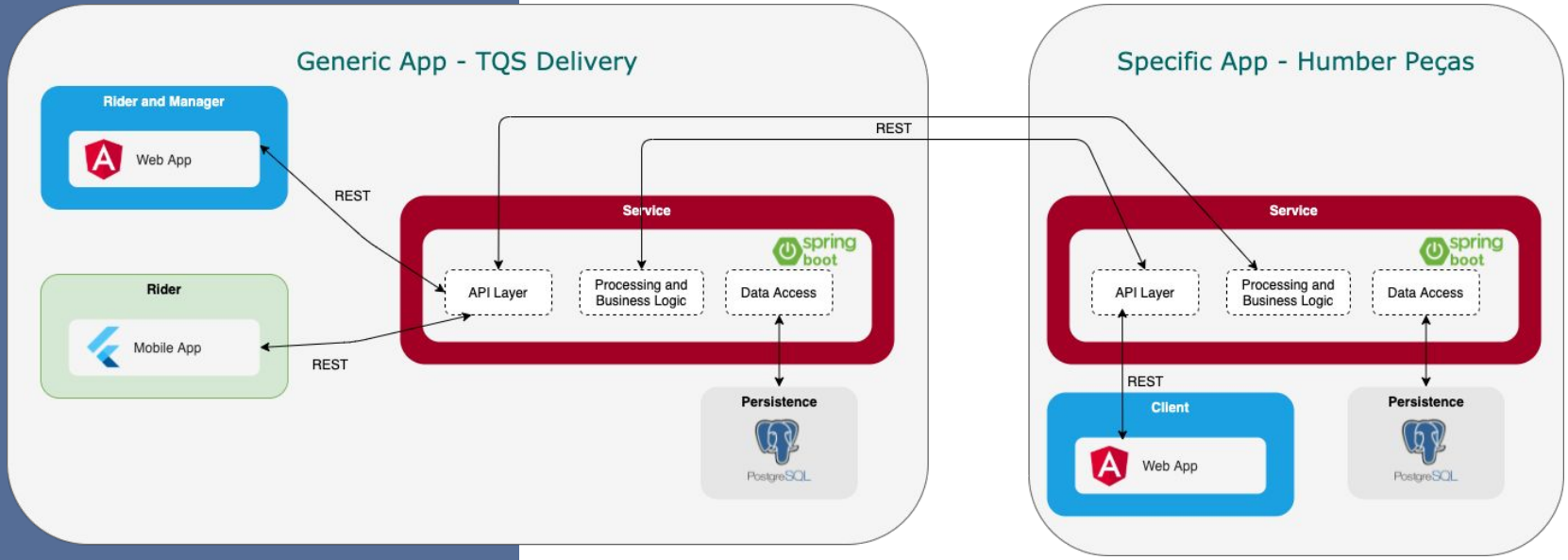
TQS Delivery é uma plataforma que disponibiliza serviços de entrega de produtos ao domicílio. Permite que tanto estafetas novos, como lojas novas se associam ao serviço.

HumberPeças, uma loja dedicada à venda de ferramentas e peças, juntou-se a este serviço de entrega.

Humber Peças

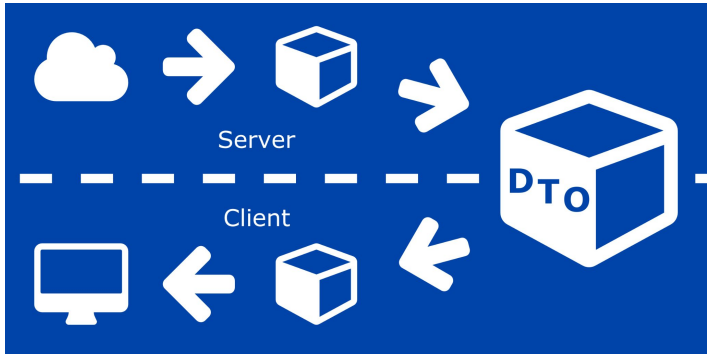
TQS Delivery

# ARQUITETURA



450 TESTS
509 COMMITS

| Problema | Exceção lançada |
|---|---|
| Utilizador passa um argumento inválido | InvalidValueException |
| Indivíduo a tentar autenticar-se está a usar credenciais erradas | InvalidLoginException |
| Quando não se encontram os resultados pretendidos para a procura realizada pelo utilizador | ResourceNotFoundException |
| Quando um estafeta pede um novo pedido sem ter terminado o anterior | ForbiddenRequestException |




**test<functionality>_when<case being tested>_then<expected outcome>**

# SQA STRATEGY

SonarQube Quality Gates

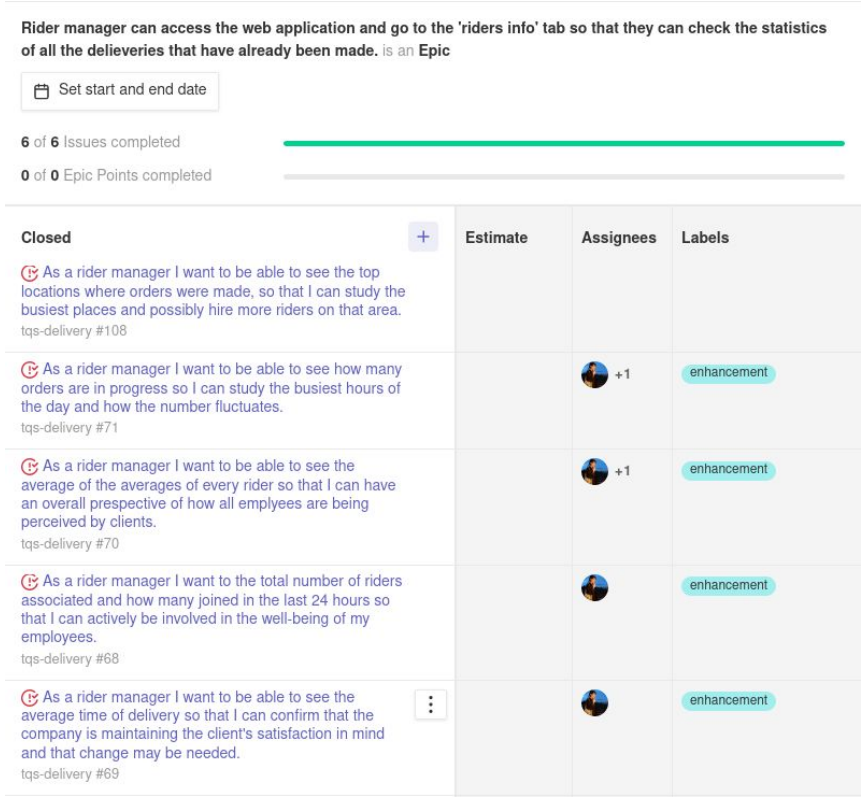
**Conditions**

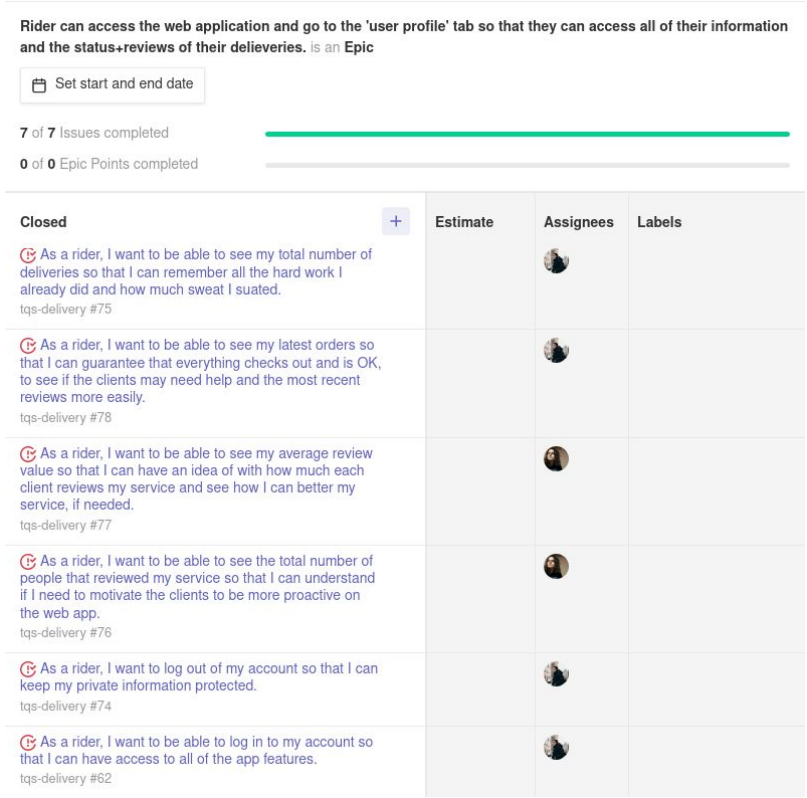
**Conditions on New Code**

| 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 |

# SQA STRATEGY

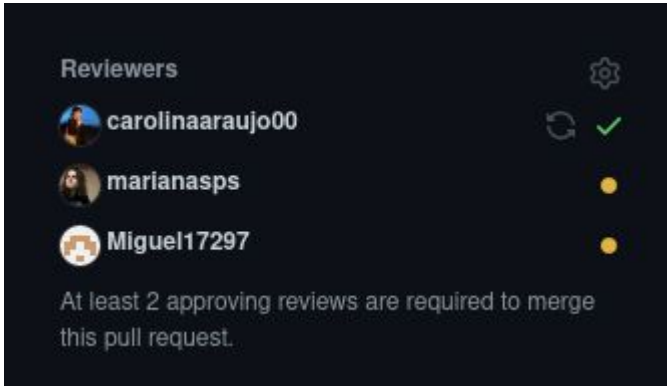
ZenHub: Structure of an Epic



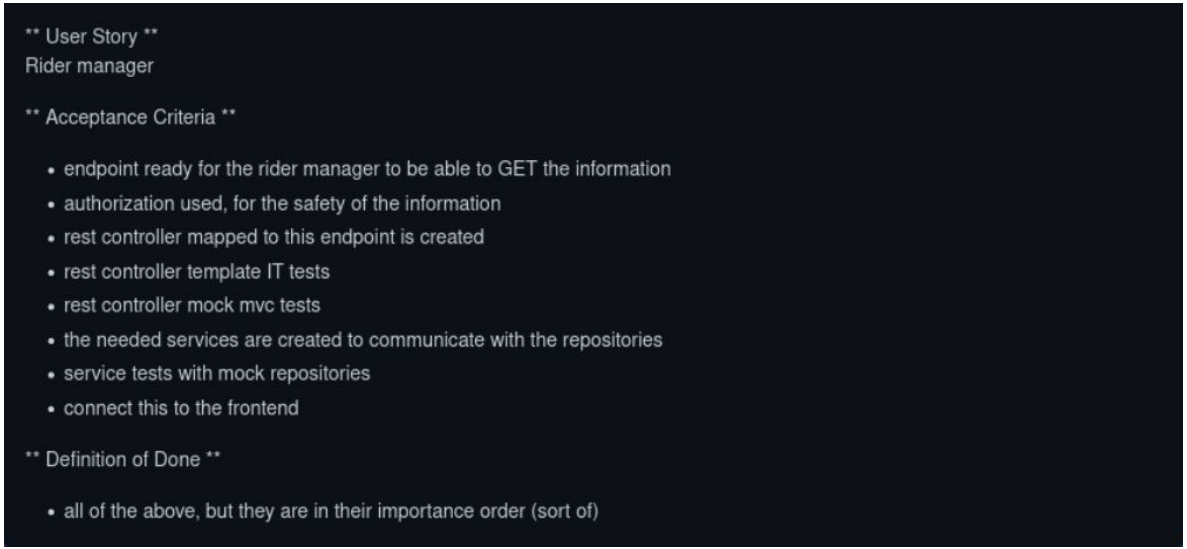




Documentation sources: https://blog.zenhub.com/how-to-use-epics-and-sprints/ + https://help.zenhub.com/support/solutions/articles/43000010341-an-intro-to-zenhub-epics

# SQA STRATEGY




Pull request reviewers




User story driven issues and Epics

| Functional Page Object Pattern | Selenium & Database in TestContainers | REST API IT Repository Unit Tests Apache JMeter |
| --- | --- | --- |
| | | |

DEMO

# CREDITS

This is where you give credit to the ones who are part of this project.

- Presentation template by Slidesgo
- Icons by Flaticon
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- Images created by Freepik