



*BeautyPlaza*



**deti**

universidade de aveiro  
departamento de eletrónica,  
telecomunicações e informática

TQS

# PROJECT

**BEAUTYPLAZA**

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# OUR TEAM



Guilherme  
Amorim  
Product  
Owner



Rafael  
Ferreira  
Quality  
Assurance



José  
Gameiro  
DevOps  
Master



Ricardo  
Quintaneiro  
Team  
Manager

# ABOUT US



**BeautyPlaza** is a renowned elite beauty salon service with a wide variety of and services. Any client may book an appointment for a diverse range of products.



As our beauty salon grows into multiple rooms and facilities, so do the needs of our customers as well as our staff.





BeautyPlaza

# BUSINESS OPORTUNITY

Due to the complicated nature of running, working and using such an intricate environment, we created the BeautyPlaza Platform. Consisting of 3 web platforms, the BeautyPlaza Platform tries to solve most of the problems faced by all the actors: clients, staff and administrators.

# PERSONAS

*Customer*



*Admin*



*Staff*



# GOALS AND OBJECTIVES

## Make Reservations

A costumer can make reservations and check the actual ones on the website

## Consult Reservations

A member of staff can consult their current and future reservations

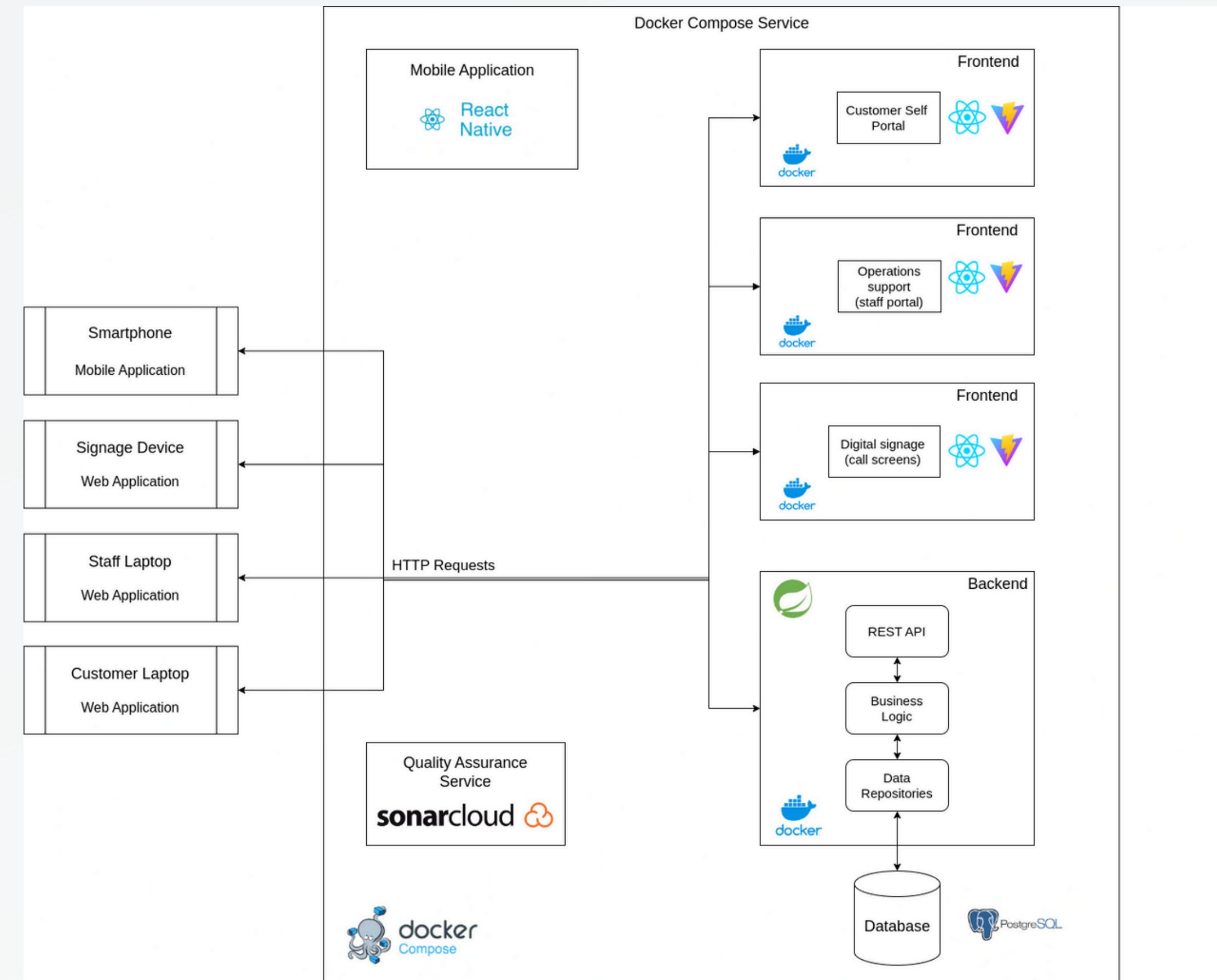
## Admin management

An admin can manage the reservations, employees and facilities from the company

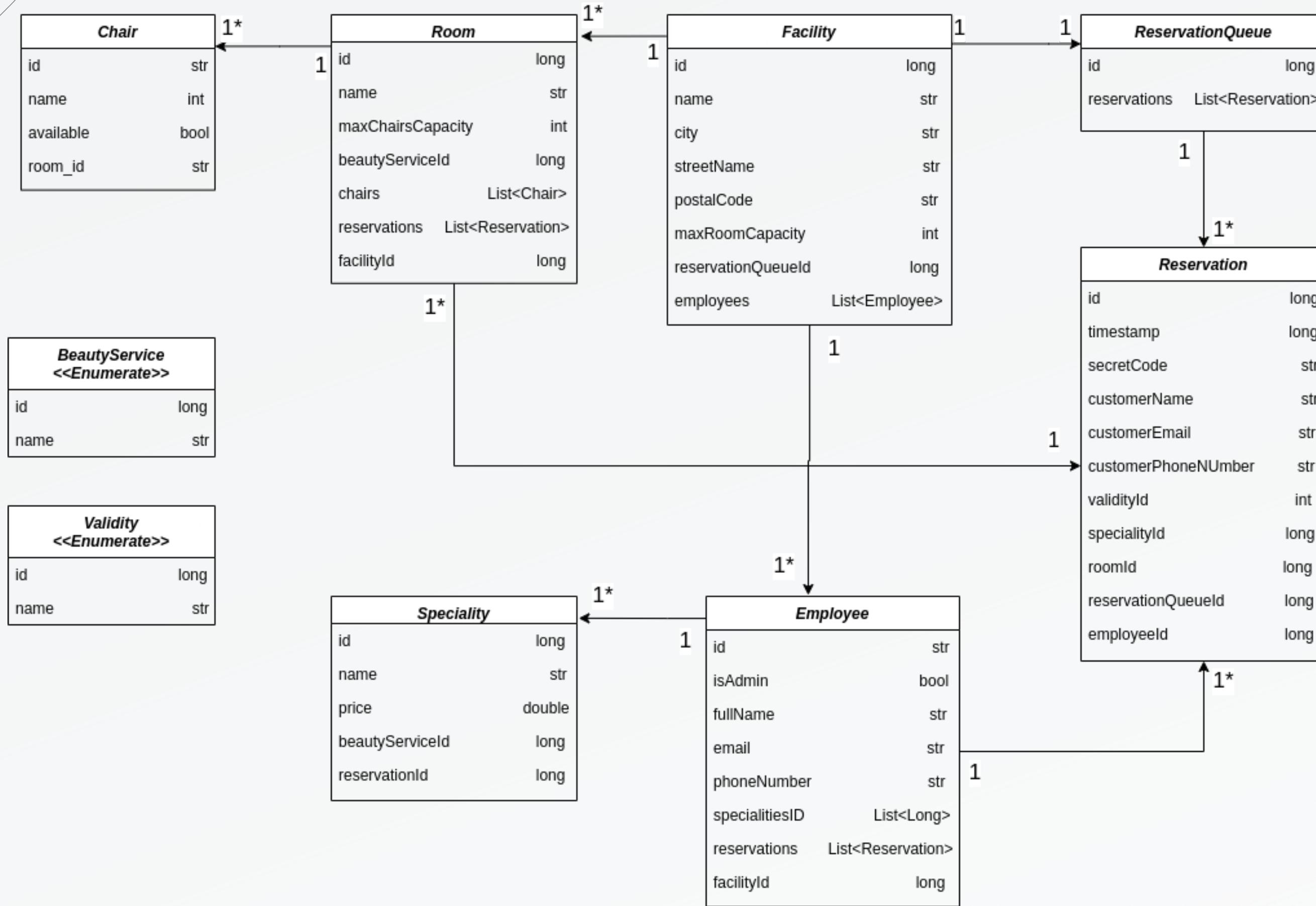
## Digital Signage

The reservations are displayed in a digital screen for both the costumers and employees follow

# ARCHITECTURE



# DOMAIN MODEL



# QUALITY ASSURANCE

**THE TEAM FOLLOWED THE CODING CONVENTION AS ESTABLISHED BY AOS PROJECT. THIS INCLUDES GUIDELINES ON:**

- **CODE FORMATTING,**
- **NAMING CONVENTIONS, AND**
- **DOCUMENTATION STANDARDS.**

**THE TEAM FOLLOWED ALSO STRICT RULES FOR CODE CONTRIBUTION**

- **MINIMUM OF 80% CODE COVERAGE,**
- **ALL TESTS MUST BE PASSING, AND**
- **REVIEWED BY AT LEAST ONE OTHER TEAM MEMBER**

# DEVELOPMENT WORKFLOW



Jira Software



EPICS

USER STORIES

SUBTASKS

CONNECT TESTS TO  
USERSTORIES

ALL CHECKS PASSED  
PULL REQ.

# CI/CD PIPELINES

**Create a Room**

Attach Add a child issue Link issue Test Coverage ...

Description  
Add a description...

Child issues Order by 100% Done

- TQS-32 Develop Admin Page to add a Room in frontend (RQ DONE)
- TQS-36 Make connection between API and frontend to allow add Room (RQ DONE)
- TQS-34 Develop Room Service with add option in Backend (JG DONE)
- TQS-35 Create endpoints for add Room (JG DONE)
- TQS-37 Create tests for Add Room functions in Backend (JG DONE)

Test Coverage

Add Tests Execute

Analysis & Scope  
Scope: Latest Final Status OK

Status	Key	Summary	Test Status
DONE	TQS-110	createRoomWithoutName	PASSED
DONE	TQS-111	createRoomWithSuccess	PASSED
DONE	TQS-112	createRoomToNonExistingFacility	PASSED
DONE	TQS-113	createRoomWithExistingName	PASSED
DONE	TQS-114	createRoomWithInvalidCapacity	PASSED
DONE	TQS-115	createRoomInFullFacility	PASSED
DONE	TQS-125	testSaveRoomWithSuccess	PASSED
DONE	TQS-140	saveRoomInFullCapacityFacility	PASSED
DONE	TQS-141	saveRoomWithMissingFields	PASSED
DONE	TQS-142	saveRoomToNonExistingFacility	PASSED

Prev 1 2 Next

**TQS-27 Delete a room #17**

Merged zegameiro merged 7 commits into TQS-25-EPIC-Manage-Facilities from TQS-27-Delete-a-Room last week

Conversation 2 Commits 7 Checks 3 Files changed 24 +1,901 -30

ricardoquintaneiro commented last week  
This pull request adds search and delete functionality to the room repository, service, and controller. It also includes integration tests for the delete and search room operations. The changes include updates to the backend code, frontend actions, and the facility page.

Reviewers zegameiro

Assignees zegameiro ricardoquintaneiro

sonarcloud bot commented last week  
**Quality Gate passed**

Issues 14 New issues 0 Accepted issues

Measures 0 Security Hotspots 98.9% Coverage on New Code 0.0% Duplication on New Code

See analysis details on SonarCloud

zegameiro approved these changes last week View reviewed changes

zegameiro left a comment  
LGTM

# SOFTWARE TESTING



The team practiced a Test-Driven Development. This was done in order to ensure that code is written to meet specific requirements.

## TEST-DRIVEN DEVELOPMENT



The team practiced Behavior-Driven Development to ensure that the actions retain a human-like workflow

## BEHAVIOR-DRIVEN DEVELOPMENT



The team made use of integration tests to ensure that actions would keep their integrity at all times.

## INTEGRATION TESTING



We will now  
present to you a  
small demo of our  
current state of  
the project

**QUICK DEMO**

**THANKS FOR  
YOUR  
ATTENTION**

