

FIAP GRADUAÇÃO

SISTEMAS DE INFORMAÇÃO

MICROSERVICE AND WEB ENGINEERING

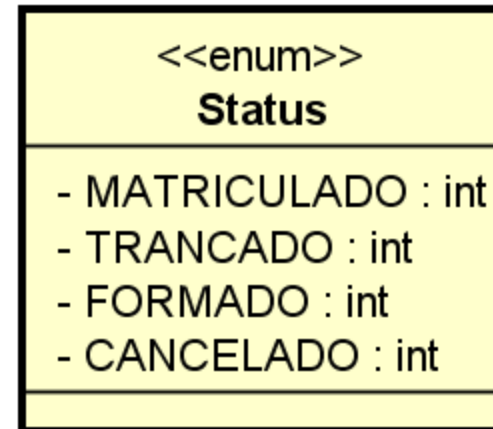
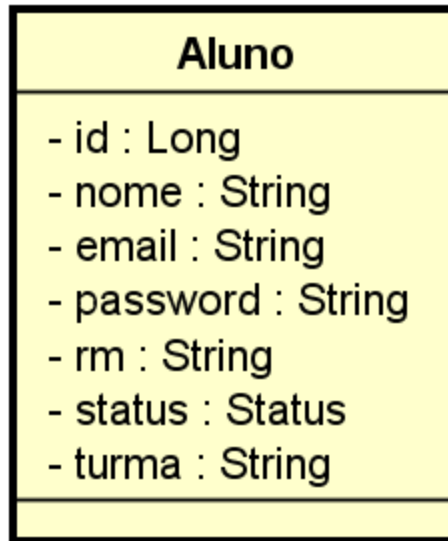
Prof^a. Aparecida Castello Rosa
profaparecida.rosa@fiap.com.br

I Agenda

- Prática - MS-Aluno

Objetivo

- Desenvolver Microserviço Aluno
- Warm-up para CP2.



Project

☐ Gradle - Groovy

☐ Gradle - Kotlin

☒ Maven

Language

☒ Java

☐ Kotlin

☐ Groovy

Spring Boot

☐ 3.4.0 (SNAPSHOT)

☐ 3.4.0 (M2)

☐ 3.3.4 (SNAPSHOT)

☒ 3.3.3

☐ 3.2.10 (SNAPSHOT)

☐ 3.2.9

Project Metadata

Group

Artifact

Name

Description

Package name

Packaging ☒ Jar ☐ War

Java ☐ 22 ☐ 21 ☒ 17

Dependencies

ADD DEPENDENCIES... CTRL + B

Spring Web

WEB

Build web, including RESTful, applications using Spring MVC.
Uses Apache Tomcat as the default embedded container.

Spring Data JPA

SQL

Persist data in SQL stores with Java Persistence API using
Spring Data and Hibernate.

Validation

I/O

Bean Validation with Hibernate validator.

H2 Database

SQL

Provides a fast in-memory database that supports JDBC API
and R2DBC access, with a small (2mb) footprint. Supports
embedded and server modes as well as a browser based
console application.

Spring Boot Dev Tools

DEVELOPER TOOLS

Provides fast application restarts, LiveReload, and
configurations for enhanced development experience.

Lombok

DEVELOPER TOOLS

Java annotation library which helps to reduce boilerplate code.

I Praticar

- Desenvolver o MS-Aluno.
 - **Todas as camadas.**
 - **Exceptions**
 - **Validações**
 - **CRUD**
 - **Testes Automatizados – de todas as camadas**
 - **Testes Unitários**
 - **Testes de Integração**



Copyright © 2024
Prof^a. Aparecida de Fátima Castello Rosa

Todos direitos reservados. Reprodução ou divulgação total ou parcial deste documento é expressamente proibido sem o consentimento formal, por escrito, do Professor (autor).