

# Userservice Demo Quickstart

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This document provides an overview of this demo project as well as some information about how to run and test it.

## Used Technologies

- Gradle as build tool
- Spring Boot starters:
  - Spring Boot Starter Web for REST capabilities
  - Spring Boot Starter Test
- AsciiDoctorPdf gradle plugin to generate the docs.

## REST Endpoints

This demo project exposes the following REST endpoints:

Endpoint	Method	Params	Description		
getUserById	GET	Long id	Retrieve a specific user by its ID	getAllUsers	GET
<None>	retrieve a list of all known users		createUser	POST	String username, String password
Creates an user with the given arguments		deleteUserById	DELETE	Long id	Deletes the user with the given ID

	authenticateUser	GET	String username, String password	Retrieve the users information if authentication was successful or an error otherwise	
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## Test and Run the project

In order to run the given project you might want to use the configured Gradle tasks `bootRun` and related:

- user \$ `./gradlew bootRun #` to start the demo application
- user \$ `./gradlew test #` to run all tests
- user \$ `./gradlew asciidoctorPdf #` to generate the docs

## Known Issues

- This project is currently built using a source- and target compatibility of Java 11.
- For this demo a H2 database is used
- We are using SHA-512 for password hashing