
	Bank Account Software Technical Specifications	07-Nov-2020
---	---	-------------

# API TECHNICAL SPECIFICATIONS

## BANK ACCOUNT API

	Bank Account Software Technical Specifications	07-Nov-2020
---	---	-------------

### Document Writers

Writers	Tarik ROUZZAK	Entity owner of the document	High Fi
---------	---------------	------------------------------	---------

### Versions

Date	Name	Type of modifications
07/11/2020	Tarik ROUZZAK	Initial draft
07/11/2020	Youssef ABOUSSIF	Review
08/11/2020	Tarik ROUZZAK	Updated

	<p>Bank Account Software Technical Specifications</p>	<p>07-Nov-2020</p>
---	---	--------------------

## TABLE OF CONTENTS

<b>1</b>	<b>INTRODUCTION .....</b>	<b>4</b>
1.1	PURPOSE OVERVIEW .....	4
1.2	SCOPE .....	4
<b>2</b>	<b>TECHNOLOGY STACK.....</b>	<b>4</b>
<b>3</b>	<b>ABOUT BANK ACCOUNT API.....</b>	<b>4</b>

	<p style="text-align: center;"><b>Bank Account</b> Software Technical Specifications</p>	<p style="text-align: right;"><b>07-Nov-2020</b></p>
---	--	--

## 1 INTRODUCTION

### 1.1 PURPOSE OVERVIEW

This technical document gives brief information about [Bank Account API](#). It provides a translation of requirements into a description of what was developed.

### 1.2 SCOPE

This document describes the needs and technology stack used for [Bank Account API](#).

## 2 TECHNOLOGY STACK

Name	Standard/ specific	Description / Used Context
Java	1.8	Core language used for this api.
Spring Boot	2.3.5.RELEASE	Used to configure this api and get it ready with spring.
junit	4.13.1	To execute unit test developed according the expected needs
Lombok	1.16.22	Library used for removing boilerplate code in POJOs. Minimize the use of setter, getter and constructor
Maven	3.3.9	Build tool.
Mockito	3.3.3	To mock object in unit test

## 3 ABOUT BANK ACCOUNT API

This service API, and its underlying implementation, represents a simplified bank account experience.

The result meets the followings needs:

- Deposit to a bank account
- Withdrawal from a bank account
- Account statement (date, amount, balance), save different operations made on a bank account
- Statement printing, as no UI is asked, only a get operations by period has been developed

For a better precision, amount and balance are defined as BigDecimal.

End of Document