

Development

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# Contents

Contents	1
List of Figures	2
I Project global Organisation	1
II Callback API	3

# List of Figures

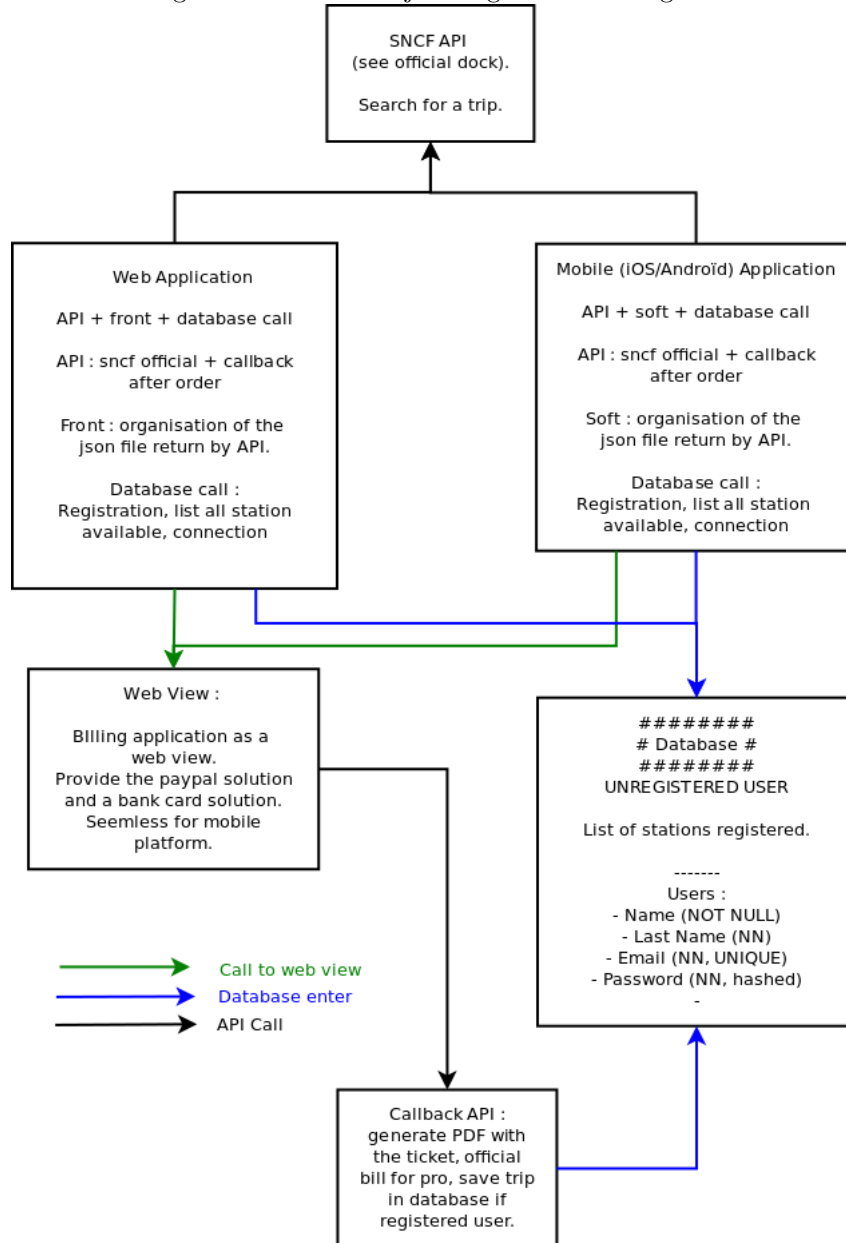
1	Global Project Organistation diagram . . . . .	2
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## Abstract

## Part I

# Project global Organistation

Figure 1: Global Project Organisation diagram



The project will be build as describe as in the previous diagram. It use two apis, three applications and a database. The database will store registered users data and station available in as start and end point. The applications have the same functionalities (provide an interface for the user to search and select is trip), on three different devices (iOS, Android and web). Once the trip is selected, they will call the same web view to bill the client. The API will be use to acquire data from station (SNCF API) and generate PDF and bill. For information on the SNCF API, please refer to the official documentation(<https://data.sncf.com/api/fr/documentation>)

# Part II

## Callback API

This API will be done in Golang (or NodeJS if we run out of time). It will take the name of the client, the trip he choose, its price and a boolean for . Those informations will be used ot make the PDF tickets and a bill if needed.