

Technical Report - Train Commander

FREVILLE Titouan
PETRIGNET Julien

December 14, 2015

Abstract

Part I

Software Solutions

Chapter 1

Engine core

- 1.1 Provide information to the engine
- 1.2 Find way
- 1.3 Process reservation
- 1.4 Generate PDF bill and ticket

Chapter 2

Accounts

2.1 Create account

2.1.1 From mail

2.1.2 From Facebook

2.1.3 From Google Account

2.2 Review travel

2.3 Replicate a previous travel

2.4 Print tickets/receipts

Chapter 3

Access to all feature

3.1 From website

3.2 From Mobile application

Part II

Supporting Architecture
Solutions

Chapter 4

Virtualization

4.1 Infra to power the app

4.2 2 sites

Chapter 5

Cluster

5.1 Engine

5.2 Web

Chapter 6

Web CDN

6.1 Always pass by CDN

6.2 Load balancing