1. INTRODUCTION
   1. PURPOSE

Our intention is to create a software that allows the users to easily manage his meetings and commitments, by providing him some useful features such as the best means of transport to reach the appointment place, the quickest route available to be punctual and so on.

Hence, more in depth, our goal consists in realizing a product which automatically computes and accounts for travel time between appointments to make sure that the user is not late for them.

* 1. SCOPE

Tired of setting up appointment reminders, opening maps and personally estimating the best route and mean of transport by considering road congestions, forecast and other factors?

With Travlendar+ having appointments has never been so easy.

Travlendar+ is your personal assistant, it provides you everything you need in a single app, analysing all the aspects for you and giving you solutions according to your preferences.

Even if we are very confident about the success of our idea, initially, Travlendar+ will have a restricted domain, indeed we will experiment it only in the Italian region of Lombardy.

In order to provide the most complete assistance, Travlender+ will suggest different paths and a wide range of transports such as bike, even shared, your car or a shared one, taxi, bus, and also…your feet!

* 1. Definitions, Acronyms, Abbreviations
  2. Revision History
  3. Reference Documents
  4. Document Structure

The RASD Document is organized following a strict schema. In the first introductory section, we give a short description both of the goals and of the environment which our app has to deal with. Moreover, we explain some notes useful to understand and read the whole paper.

The following part consists in an overall description of the software, presenting all the functions more in depth, showing the possible interactions between the user, the system and the world itself.

The second part concerns the analysis of the requirements, from the technological ones, through the functional, up to design details and constraints.

Finally, we express the requirements through the Alloy model, which allows to define the interactions, the functions and the constraints referring to Travlendar+ using a formal language.

The document ends with a short note about the effort spend in producing it and at last you can find also useful references.

1. OVERALL DESCRIPTION