**1.2 Scope**

The scope of this application (Travlendar +) is provide a tool for the target users to

schedule in an eective way their time optimizing the travels.

Travlendar+ allows to create a calendar which ts the meetings and other kind of com-

mitments. The key feature of this application is to determine if the meeting location is

reachable in the scheduled time and then provide a fast way to get to the destionation,

otherwise it notify the user that it is not possibile by any mean to fullll the request.

Furthermore the application also arrange the schedule in a exible way for some kind of

events (like the lunch) and oers the possibility to slightly change its time.

In the creation of the user's calendar it also takes into account the current weather

condition to make smarter decision. As example, if the user show interest in using bike

or a bike sharing service, during a sunny day, the system will favor a suitable path.

The user is invited to provide his order of preferences in terms of means of transport.

In this way, he is free to choose if use bus, train or subway in a particular day. It is

possible to select as well if you want to use a car or bike (your or a sharing service's

one). The system also retrieves information about the current path situation like trac

jam or strikes and immediatly nd alternative solutions.

**3.2 Scenari**

**Scenario 1**

Mark has already bought a new smartphone so he decide to change the application to manage his timetable with the scope to optimize his schedule. So he decides to sign up Travlendar+ Application from his smartphone.

First of all he downloads the application from the smartphone’s store and, once is installed on the device, he fills all the field the registration form in the correct way and, once he confirms the authenticity of the e-mail address, he can join all services provided by the application.

Name:

Sign up

Actor:

Guest

Entry condition:

The actor hasn’t got an account on the system

Flow of the event:

The guest download the application and open the application

The guest clicks on sign up button

The system provides the registration form

The guest inserts mandatory data in the form like name, surname,e-mail.

The guest optionally he could provides optional data like phone, driving licence number and the credit card to eventually pay the services linked to the app

The guest agrees about terms and conditions of the service by put a tick in the checkbox

The guest clicks submit button

The system validates the data already entered

The system sends entered data to the server

The system sends to his e-mail address a mail with a link to check the email address

The guest clicks on the provided address

The system validates the email address and the account

Exit condition:

The actor become a user of the system and he can use the application.

Exception / Alternative exit condition:

Some mandatory field are not correctly filled and the system ask to the guest to correct it or the mail is not correct so is not possible to complete the sign up and the guest must redo the operation filling the field corresponding with the correct e-mail address.

Also if he don’t agree with terms and condition of the service, the application provide an error message and ask to check the corresponding box to complete the operation.

**Scenario 3**

Mark hear from her friend Susan that the application could be personalized with the purpose to better adapt to the user needs so he decides to look at the user’s informations page and modify his profile to adapt it.

He hate to use the bus because he thinks it is too slow and require a lot of time to reach the destination using so he switch off the corresponding field.

Name:

Manage his preference about means of transport

Actor:

User

Entry condition:

The user already logged want to select his preferences about means of transport

Flow of the event:

The user clicks on the menu button and find the page about the account management

The system provides all the information that it know about the user and permit to modify all data defined editable.

The user find the switch corresponding to the bus option and turn off it

The system update the user preferences

Exit condition:

User setted the preferences about the bus

Exception / Alternative exit condition:

The user turn off all the switch so the application return an error message