RASD

Requirement Analysis and Specification Document

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Version 1

Contents

1 Introduction

1.1 Purpose

The system that we will expose in this paper is called Travlendar+. Travlendar+ is a calendar-based application that has the aim of managing the many meetings, events and appointments that the user has to deal with every day.

The system allows the user to create events in his personal calendar, checking if he is able to reach them on time and supporting his choice about the way of reaching the location: in fact the user can insert customizable settings for allowing the system to give him precise advice about the means of transport to employ, including taxi and sharing services means.

Travlendar+ gives also the possibility of buying ticket for the public means of transport of the town and allow to manage travels to reach other towns by train or plane creating automatically the travel event in the personal user calendar.

The system offers also other additional features :

- is possible to register the season ticket for the public transport and Travlendar+ will notify to the user when the expiration date is near

- is possible to set starting time, ending time and the preferred duration of every day lunch and the system will guarantee to preserve at least 30 minutes for this purpose

- in the case of outdoor trip, the user can insert the time that he will spend outdoor and the system will give back the user about the public transport tickets available in that town, advising him the most convenient solution

- is possible to set the anticipation time for reaching the various events and the system will warn the user when start to arrive with the selected anticipation.

1.2 Scope

1.3 Definitions

- *System :* software and hardware components that permit to Travlendar+ to perform his purposes

1.4   Acronyms

1.5   Goals

1.6   Reference Documents

1.7   Document Structure

2   Overall Description

2.1   Product Perspective

2.2   Product Functions
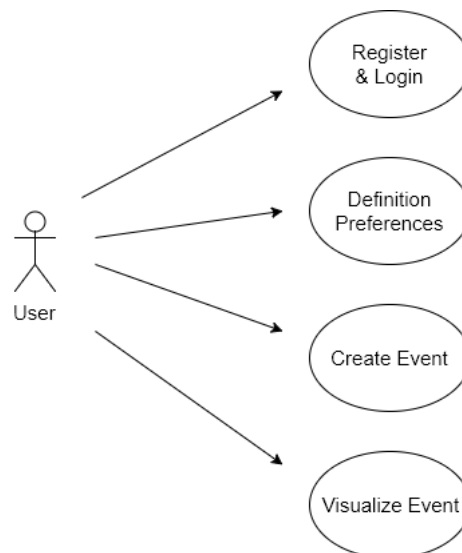
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Figure 1: General Use Case

2.2.1   Register & Login

2.2.2   Set Preferences

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+ da inserire USE CASE Preferences
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2.3   User Characteristics

2.4   Domanin Properties