**Setup Document**

**Group S**

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# Preface

The following document is going to explain the processes of enquiring, enrolling, paying and visiting the event. It will also describe the requirements sorted by application, with the use of a traceability matrix. Furthermore, it will include a MoSCoW list of requirement which will specify which requirements will be implemented and which not. A brief description of the user interface of the website and all windows applications will also be included. Finally, it will give a short description of the formal client and the decisions the team and he came to.

# Client

The formal client for this project is Mr. Vladimir Kabzar. He is the CEO of *“Global Solutions Inc”.* He has hired Dream Team to organize a social event for his company. He is the one who can take important decisions if necessary. Dream Team has agreed to create a website for Mr Kabzar’s event, as well as windows application which are as follows:

- An application to be used at the entrance of the event;  
- An application to be used at the entrance of the camping;  
- An application to be used at the shops;  
- An application to be used at the stand, where you can loan materials;  
- An application to be used when a visitor leaves the event;  
- An application at the exit of the camping;  
- An application for the shop’s inventory;  
- An application for the organization to inspect the status of the event;  
- An application to convert the information in the PayPal-text-file to the database;  
- All relevant documentation, including: a setup document, a process report and a project plan;

The team will also create and implement a database which will hold all relevant information before, during and after the event. Both sides agreed on a 19-week timeframe for the project’s completion.

# Processes

In order to describe the process of enquiring, enrolling, paying and visiting an event, we will be using a fictional group of friends who go through all 4 stages.

* Enquiring  
  Let’s suggest that a group of friends are music enthusiasts and love going to concerts and festivals. While surfing the net, one of them stumbles upon the website for *“July morning – party around the lake*”. He shows the site to his friends and they all get really excited. They browse the site, check the location of the event, see some amusing photo material from past editions of the festival and decide they want to go this year.
* Enrolling  
  One of these music enthusiasts can click on the page for buying tickets and each of his friends fills in the form. After receiving an email with a ticket confirmation and logging into their profile, the users see they can book a camping spot. The problem is the group consists of 8 people and a camping spot can hold up to 6 people, so they can decide to split in two groups of 4 and choose who’ll be the titular for booking. There is always an option to invite more friends so they can fill the 2 camping spots. It is possible for them to view their personal information on the profile page of the website. When they have booked camping spots they can see where exactly on the map it is located.
* Paying  
  Then they transfer the money from their PayPal accounts. They can transfer as much money as they want on their personal account, considering that on arrival at the event they’ll receive a wristband with the RFID tag that their information is linked to. They can only use these personal wristbands as a payment method so we can prevent theft hazards.
* Visiting

When the two groups arrive at the event they will receive a wristband with a RFID tag that stores the amount of money that they have on their personal account. They can use these wristbands to pay for food and drinks or to rent equipment like cameras, Bluetooth speakers, telephone and laptop chargers and hover boards.

# Functional requirements

* [Traceability matrix](file:///D:\Files\Fontys\Project%20P\ProP-Git\ProP-July-Morning\docs\traceability%20matrix.xlsx) (Excel document for reference)
* MoSCoW lits of requirements  
    
  1) MUST have  
  - An option to buy tickets online  
  - Book camping spot on the website  
  - An option for placing tweeds on the website by visitors of the event  
  - Database, connected to website and all widows applications   
  - An application to be used at the entrance of the event  
  - An application to be used at the entrance of the camping  
  - An application to be used at the shops  
  - An application to be used at the stand, where you can loan materials  
  - An application to be used when a visitor leaves the event  
  - An application for the organization to inspect the status of the event  
  - An application to convert the information in the PayPal-text-file to the database  
  - All relevant documentation, including: a setup document, a process report and a project plan  
  - A way of generating sales receipts  
  - A way of checking if a visitor has payed  
  - A way of checking if a camping spot is reserved  
  - A way of checking how many people came to/left the event  
  - A way of checking the history of a certain visitor  
  - A way of checking the total balance of all event-accounts  
  - A way of checking how much money a certain shop earned  
  - A way of checking how many units of an article are sold  
  - A way of storing information about PayPal transactions  
  - A way of storing information about products  
  - A way of storing information about visitors

2) SHOULD have  
- Project plan  
- Setup Document  
- Process report  
- Agenda’s  
- Registration on the website  
- Location of the event on the website  
  
3) COULD have  
- General information about the event on the website  
- Contact information on the website  
- Gallery on the website  
  
4) WOULD have  
- Multi-user database support  
- Feedback option on the website

# User interface

For every application there is a description document which explains how the current application is supposed to function and how it ‘s controls work.

1. [Event Entrance Application](Application%20Descriptions/Event-Entrance-Description.docx)
2. [Event Exit Application](Application%20Descriptions/Exit-Event-Description.docx)
3. [Camping Entrance & Exit Application](Application%20Descriptions/Camping-Entrance-Exit-Description.docx)
4. [Shop Application](Application%20Descriptions/Shop-Application-Description.docx)
5. [Rent & Return Equipment Application](Application%20Descriptions/Rent-Return-Equipment-Description.docx)
6. [Tracking System Status Application](Application%20Descriptions/Track-System-Status-Description.docx)
7. [Pay Pal Log File Converter Application](Application%20Descriptions/Pay-Pal-Converter-Description.docx)
8. [Shop Inventory Application](Application%20Descriptions/Inventory-Description.docx)