Setup Documents   
VestroVestival Event



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# Introduction

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Setup document is a critical part of the project lifecycle. It defines sequence of interdependent and linked procedures of deliverables that is presented in document form, and establishes the structure of the agreement between the company and the client. This process stresses the need to define the criteria for acceptance up front, and then facilitate the process to see that deliverables address those criteria and comments are within the bounds of the deliverable requirements.

**This setup document defines the following:**

* Agreement with the client.
* Processes.
* Functional requirements.
* GUI description.
* Website wireframe description.
* ERD design description.

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# Agreement

Client desires to have a software solution, logo and name for the music event by Metis-Mercury Group and Metis-Mercury Group referred to as a company has the knowledge and tools to fulfil and achieve the client’s requirements. The scope of work is generally defined in the Project Plan document, and will be explained in details in this document. In case of amending the scope of work, the client and the Company should reach to an mutual agreement.

# Process Description

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## 3.1 Overview

A customer will use your website and choose which activity or service they’d like to book, and then will click through to the booking page. At this stage, the customer will fill in a booking form. The form will be in a database, which is connected to check in system at the entrance of the event. Every Customer will have a unique ID-event to be used during the event.

The customer will then pay through a secure payment gateway, and the payment will be transferred to the event account.

The client will be able to compare the customer’s ID-event with the database at the entrance of the event. This ID-event will be used inside the event to pay for extra service, and also to see if the holder of ID-event has the right to use extra facilities that he or she paid for already on the website.

## 3.2 Booking Constraints

* + Entrance Price is € 55.
  + Camp spot reservation is € 10 plus € 20 per person.
  + Every spot can be booked for at MOST 6 person.
  + Booking camping spot ONLY possible for the whole weekend not a single day.
  + Maximum capacity of the camp is 120 people per night.
  + The capacity of the event open space is 3000 max.
  + Ability to book online tickets, with different categories (Family, Group Student)
  + Groups discount (bigger than 5 people), 10% discount (3day and single)
  + maximum limit of sold tickets, up to one day before festival, 50/50 (one day/three day), from day before what’s available
  + Visitors under 16 required to have adult.
  + No cash payment is allowed, all payment should be done via ATM machine.
  + Visitor can always check in again as long as they have their ticket valid for the event.

## 3.3 Detailed Process

* **Website:**
  + Information on the event (dates, place and music type).
  + Check status of purchase/activated/camping, map of the area, select camping spots.
  + Online booking.
  + ID-event and event-account is created when booked.
  + Visitors can make testimonials and reviews about their experience of the event.
* **Database:**

Oracle database contains information according to appendix A.

* **Check in application at the entrance:**
  + Identify the client’s booking ID-event by using RFID-chips, if the client does not have a ticket, then can pay at the entrance with € 10 additional cost.
  + Ability to check if the visitor paid for camping spot online, IF NOT, then additional cost of € 10 applies.
* **Application to be used at the entrance of the camping:**
  + Check in and out of the camping spot.
  + Check the number of people assigned to the camping spot according to the booking constraints.
  + Specifies all participants.
  + Specifies who paid the bill.
* **Application to be used at the shops for buying and rental of materials inside the event area:**
  + Check the ID-event.
  + Generate receipt.
  + Lower the balance of the event-account.
* **Application to be used when a visitor checks out of the event:**
  + Set person as checked out in database.
  + Check for loaned materials.
  + Check the balance of his /her event-account to return the remaining money to visitor, and mark it as invalid.
* **Application to convert the information in the PayPal text file to the database.**
* **Application for the organization to see the status of the event:**

* + Visitor status (in, out or in camp) & history.
  + Total number of booked for the event.
  + Total number of visitors in the event.
  + Total balance of all visitors & total spent money.
  + Camping statistics (booked and free spots).
  + Total money sold per shop.
  + Inventory of products sold to ensure supplies are adequate and order supplies.
  + Financial information (earn & loss).

## 3.4 Systematic Approach



# Functional Requirements

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|  |  |
| --- | --- |
| Website | Application |
| Information on the event | Identify ID |
| Status of purchase/activated/camping | Check if the visitor paid for camping spot online |
| Online booking | Check in and out of the camping spot |
| ID and account | Check the number of people assigned to the camping spot |
| Testimonials and reviews | Specifies all participants |
|  | Specifies who paid the bill |
|  | Check the ID-event |
|  | Generate receipt |
|  | Set person as checked out in database |
|  | Check for loaned materials |
|  | Check the balance of his /her event-account |
|  | Status information application |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **M**ust Have | **S**hould have | **C**ould have | **W**on’t have |
| ID and account | Information on the event | Testimonials and reviews |  |
| Online booking | Check if the visitor paid for camping spot online | Check the number of people assigned to the camping spot |  |
| Status of purchase/activated/camping | Check the ID-event | Specifies who paid the bill |  |
| Identify ID | Status information application | Generate receipt |  |
| Check in and out of the camping spot |  |  |  |
| Set person as checked out in database |  |  |  |
| Check the balance of his /her event-account |  |  |  |

# ERD Description

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|  |  |
| --- | --- |
| Table Name | Description |
| Participant | Contains details about each visitor who takes part in the event. |
| CAFETERIA | Contains details about food and drink. |
| EQUIPMENTS | Contains details about each material. |
| PAYPAL\_LOGFILE | Contains records of all deposits that have been done at the event. |
| TICKET | Contains details about each ticket. |
| CAMPING\_SPOT | Contains details about each camping spot. |
| INVOICE | Contains a list of food and drinks with their costs. |
|  |  |
|  |  |
| BORROWED\_EQUIPMENTS | Contains details about each hired equipment. |
| DEPOSIT | Contains details about each deposit done by a participant. |

|  |  |
| --- | --- |
| User |  |
| Column Name | **Description** |
| AccountID | Participant's ID |
| LastName | Last name of the User. |
| FirstName | First name of theUser. |
| Email | Email address of the User. |
| isCheckedIn | Whether the user is currently in the event or not. |
| hasCheckedIn | Has this user been to the event at all. |
| PaymentStatus | The status of the participant’s payment (paid/unpaid). |
| CurrentBalance | The amount currently owing on the participant's account. |
| SpotID | Camping spot ID. |
| CAFETERIA |  |
| Column Name | **Description** |
| ItemNumber | Item's number. |
| Price | Price of the item. |
| Name | Name of the item. |
| EQUIPMENT |  |
| Column Name | **Description** |
| EquipmentID | Equipment's ID. |
| Name | Name of the equipment. |
| Price | Price of the equipment. |
| PAYPAL\_LOGFILE |  |
| Column Name | **Description** |
| LogNumber | PayPal's logfile number. |
| BankAccount | Bank account number of the organization. |
| StartDate | Date and time of the start of this period. |
| EndDate | Date and time of the end of this period. |
| TICKET |  |
| Column Name | **Description** |
| TicketNumber | Ticket's number. |
| AccountID | Participant's ID. |
| Price | Ticket's price. |
| Type | Ticket's type for the event . |
| CAMPING\_SPOT |  |
| Column Name | **Description** |
| SpotID | Camping spot ID. |
| AccountID | Identifies who paid for this camping spot. |
| Availability | The camping spot can hold up to 6 persons. |
| NumberOfUsers | Number of participants in this camping spot. |
| Price | The price of the camping spot. |
| INVOICE |  |
| Column Name | **Description** |
| InvoiceNumber | Invoice's number. |
| AccountID | Participant's ID. |
| Date | Invoice's date. |
| TotalPrice | The total sum of all costs. |
| BORROWED\_EQUIPMENTS |  |
| Column Name | **Description** |
| AccountID | Participant's ID. |
| EquipmentID | Equipment's ID. |
| HireDate | The date and time the participant hired item. |
| ReturnDate | The date by which the participant has to return the item. |
| DEPOSIT |  |
| Column Name | **Description** |
| DepositNumber | Deposit's number. |
| AccountID | Participant's ID. |
| LogNumber | PayPal's logfile number. |
| DepositAmount | The amount of money that the participant pays for the event. |
| Date | The date of which the deposit was made. |

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# GUI DESCRIPTION

## 6.1 CAMPING ENTRANCE

Camping Entrance form will have Two labels accountID and Spot ID that show the participants account id and spot id and it will have one button to process.

## 6.2 EVENT STATUS

Organization status form will show the status of whole event: present participants in the event, number of participants left the event, balance of all accounts, number of sold foods/drinks and number of sold tickets.

## 6.3 LOG OFF

This form will let user know about the remaining balance in his/her account and the equipment status which he/she has borrowed.

## 6.4 RFID

This form will detect RFID tag number. As the form is loaded RFID reader is open. It will check will whether scanned card has a tag code or not

## 6.5 EVENT ENTRANCE

This form will check and retrieves the participant from database and process RFID.

## 6.6 CAFETERIA

This form will show every sort of information regarding drinks/food available in the event.

## 6.7 EQUIPMENT CENTER

This form will show every kind information about equipments available in the event like Camera, USB or data cable etc.