Project Plan   
VestroVestival Event



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Table of Contents

[1 Document Introduction 3](#_Toc493769071)

[2 Project Statement 3](#_Toc493769072)

[*Formal Client* 3](#_Toc493769073)

[*Project Members:* 4](#_Toc493769074)

[*Project Secretary* 4](#_Toc493769075)

[3 Current Situation 5](#_Toc493769076)

[4 Problem Description 5](#_Toc493769077)

[5 Project Goals 5](#_Toc493769078)

[5.1 Deliverables/non-deliverables 6](#_Toc493769079)

[5.2 Project Constraints 6](#_Toc493769080)

[5.3 Project Risks 7](#_Toc493769081)

[6 Project Phasing 8](#_Toc493769082)

[6.1 Phase 1: Initiation 9](#_Toc493769083)

[6.2 Phase 2: Design and build stage 1 9](#_Toc493769084)

[6.3 Phase 3: Design and build stage 2 10](#_Toc493769085)

[6.4 Phase 4: Test 11](#_Toc493769086)

[6.5 Phase 5: Deliver 11](#_Toc493769087)

# Document Introduction

This document contains the Project Plan for VestroVestival event management system developed by Metis-Mercury Group.

**Event Name:** VestroVestival.

**Festival Theme:** Techno Music.

**Festival Logo:**



# Project Statement

In this document, we will outline the project requirements and goals. The following topics will be described in details;  the client, the project leader, secretary, minute taker the initial situation, the problem description, the goal of our project, the deliverables and the non-deliverables, Constraints, risks and deadlines. In some regards this document may be considered as a contract.

Formal Client

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# Current Situation

The client is organizing events, which are held in a big terrain, with a lot of space for visitors, stages, tents, public toilets, etc. People can buy food and drinks while they are in the event, and can also stay overnight in the event, in a camping area reserved for this purpose.

# Problem Description

The client wants to generate profit of this event by selling tickets, food, drinks and provide overnight services in the camp. There is no system in place to sell tickets nor a systematic way to check who is going in and out of the event. In addition, there is no easy method for visitors to buy food and drinks inside the camping area.

# Project Goals

The goal of this project is to provide information and facilitate the booking process of an event for both, the event organizer and the customers. In addition, the management of the event should be more efficient. The event organizer will be able to track and extract all the information regarding customers. Additionally the customers shall find it convenient to pay for services, so the specific project goals will include:

* Information about the event, dates, topic etc. and buy tickets.
* Checking on who is going in and out of the event.
* Provide a solution to facilitate the process of buying from the shop (Food & drinks) and loans of objects such as cameras, chairs etc.
* Check on the status overview of the event.
* Changes the balance of the visitors based on the ATM log files.

## Deliverables/non-deliverables

In this project the deliverables are:

* Event website
* Database
* Check in-out application to be used at the entrance of the event
* Check in-out application to be used at the entrance of the camping
* Check in-out application to be used at the entrance of the lake
* Application to pay for at the shops (Food & Drinks )
* Application to pay for loaned materials at the stands.
* Application for the organization to inspect the status of the event
* Application to convert the information in the financial file to the database
* Project Plan
* Setup Document

We will not deliver:

* Prototype created by our company.
* Source code of the system.
* Hardware

## Project Constraints

**Constraint 1: Time**

The project must be completed within 19 weeks.

**Constraint 2: Deliver the website in three versions.**

Version 1- Front-end website.

Version 2- Has the possibility to make reservations.

Version 3- Has the ability to place tweets during events.

**Constraint 3: Database to be used could be Oracle or MySQL.**

## Project Risks

1. Running out of time:

* Prevention: Planning a time pipeline, make minutes of meeting and list of priority versus implementation time.
* Probability: Medium (It is a new project for us, but we think that the giving time of  19 weeks is enough).
* Impact: Moderate (Time could be extended ).
* Solution: Cut down or lower priority features, or work over time.

1. Client displeased with current direction and drastic changes are required to adjust, such, is GUI design:

* Prevention: Clear agreements and frequent check-ups.
* Probability: Unlikely (As we have started with a good scope of the client’s desired direction and there is little room for ambiguity).
* Impact: Disastrous (likely cannot cope)
* Solution: Adjust existing features to better suit the demands of client.

# Project Phasing

In this chapter we describe the phases of our project, with the activities and milestones. In figure 1, a visual overview of the activities, their dependencies and the milestones is given.

The total project will take 19 weeks to complete.



## Phase 1: Initiation

The initiation phase has only one activity, called “Start-up project”.

Activity: Start-up the project

Tasks for the activity are:

* Kick-off meeting
* Work on project plan
* Work on setup document

Estimated duration is three weeks and 30 hours.

Deliverables for milestone **M1** are:

* The Project plan.

## Phase 2: Design and build stage 1

The design and build stage 1 phase has two major activities: Building the version 1 of the website and Design the database of the system.

Activity: Make a design for the database

Conceptual database design:

* Constructing the ER Model
* Check the model for redundancy
* Validating the model against user transactions to ensure all the scenarios are supported

Logical database design:

* Table Generation From ER Model
* Normalization of Tables

Deliverables:

* A design for the database

Task: Make GUI-designs for the applications

* Research the document to investigate and collect the main requirements for each requested application.

Estimated duration is one week and 30 hours.

Deliverables for milestone **M2** are:

* The website – version 1
* A design for database.
* Set-up document.

## Phase 3: Design and build stage 2

This phase focuses on building the ultimate website, building up the database and the windows application for the system.

Activity: Build the website version 2 and 3

* Build the website version 2, which have the ability to connect to the database.
* Build the website version 3, which is able to connect with the social network.

Estimated duration is five weeks and 25 hours.

Activity: Build the database

* Specify the DBMS to be used.
* Implement the database in DBMS.
* Modify the design and implementation if necessary.

Estimated duration is 1 week 5 hours.

Activity: Build the windows application

* Build the functionalities for the application based on the setup document.
* Testing along the way and build again if there are problems encountered.

Estimated duration is 7 weeks and 60 hours.

Deliverables for milestone **M3** is:

Website version 2 and 3

Windows application.

## Phase 4: Test

The Test phase: For this activity the tasks are described.

Activity: Test system

Tasks for the activity are:

* Connect the windows application, website and database into the system
* Make test plan
* Discuss test plan with client
* Execute test plan
* Document all succeeded tests, all failed tests and a list of improvements and come up with Test Report.

Estimated duration is one weeks and 10 hours.

Deliverables for milestone **M4** are:

* Test report including all succeeded tests, all failed tests and a list of improvements.

## Phase 5: Deliver

The deliver phase has only one activity, called “Deliver system”.

Activity: Deliver system

Tasks for the activity are:

* Make the presentation to introduce the system.

Estimated duration is 1 week and 5 hours.

Deliverables for milestone **M5** are:

• The completed system.