**Project Plan**



**Course: PROP**

**Group : 10**

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**Project Statement**

This document provides all necessary information regarding our project. It provides a detailed approach to the realization of this project and its goal. It also describes the current situation, and problem description. The deliverables, risks, constraints, and non-deliverables will also be listed.

## **Formal Client**

Mr. Andre Postma is a teacher at Fontys university, he is also the chairman of an event agency responsible for variety of events, among which is the upcoming cultural event known as **European Cultural Festival**.

**contact information**

Mr. Andre Postma,

Fontys Rachelsmolen, Eindhoven,

Room 2.38,

Email - a.postma@fontys.nl,

Working days - Monday - Friday.

## **Project Leader**

The role of the project leader will be a rotating type, that means the role will be switched weekly between members of the team.

The role of each team member per week

|  |  |  |  |
| --- | --- | --- | --- |
| Names | Project Leader | Minutes taker | Communication officer |
| Nadya Cheperkova | week 1 |  |  |
| Jiazheng Zhu |  |  | week 1 |
| Stefan Lazarevic | week 2 |  |  |
| Chioma Ezeh |  | week 2 |  |

* The project leader will be responsible for heading meetings.
* The minutes taker will be responsible for taking note of all important discussions and conclusions during the meeting.
* The communication officer will be responsible for conveying all necessary information and documents to the rightful recipients if need be.

**Current Situation**

The cultural event is an annual event held in the Netherlands. This is an event that showcase the beautiful variety of cultures all around the world, it is mostly done in a way where people show their cultures by means of clothes, names, food, dance steps, languages and many more. This event last for one week, with over more than thousands of people per day capacity. Statistically, there has been an increase of people in attendance over the past years, this has made the organisers seek for a more better way to improve the event and also make more profit from it, this will be done in relation to several requirements as initiated by the company in charge such as a steady system of payment, camping site reservation, awareness and tracking of the event online via a website.

**Problem Description**

Over the years, the cultural events has recorded increase in attendance and interest by lots of people, this has made maintaining a proper management control a bit difficult, due to this fact, sales of tickets to enter the event, provision of camping site, proper awareness for the event, buying food, drinks, or souvenirs, loaning products such as photo cameras, flashlights etc., has become difficult to manage. this is the basis whereby the organisers has tasked the DevelopPro team with the aim of developing a software application that helps to easily keep track of basic information and also make it possible to curb all of the problems mentioned. The group will also provide other solutions like A website that informs people about the event and allows reservation of tickets and camping spots, and a database supporting all the applications. It is therefore highly important to this team to completely cut down the problems faced currently.

**Project goal**

The goal of this project is to create a good software solution for our client to make this cultural event more manageable, which includes:

* -A website that informs people about the event and allows reservation of tickets and camping spots.
* -An application that check visitors in and out of the event.
* -An application that check the use state of camping.
* -An application that support the shops (food/drinks/souvenirs) and the loan stands.
* -An application that changes the balance of the visitors based on the ATM log files.
* -A database supporting all the applications and the website.

We aim to analyse the client’s preferences by meeting with him and consider the best design which can make more profit for him. In the end of this project, we will show 1 website, 4 applications and 1 database for the client which contains:

* **Design:** Efficient interface; User friendly; Database connected
* **Functionality:** Correct QR-code identifying; Stable running website and applications

## **Project Deliverables and Non-Deliverables**

**In this project the deliverables are:**

* Detailed information about the client and our team.
* Agenda’s and minutes of every group meeting.
* setup document
* 1 website, 4 applications and 1 database designs
* Process Report
* Presentation

**We will not deliver:**

* Mobile applications.
* Cross-platform applications.

## **Project Constraints**

**Constraint 1: Time**

* The project must be completed within 20 weeks.

**Constraint 2: C# Programming Language**

* We need to use C# knowledge to create the website and applications for the client.

**Constraint 3: Database knowledge**

* We need to use database knowledge to make database design for the client.

## **Project Risks**

**Risk 1: Lack of resources**

* Probability: High
* Impact on project: High
* Steps to prevent: Doing as much as possible research and analysis
* Clean up action: Meet with the client.

**Risk 2: Project delivery late**

* Probability: Low
* Impact on project: High
* Steps to prevent: Make suitable time table and finish deliveries in time
* Clean up action: Spend more time on the project

**Risk 3: Team member sick or absent by a valid reason**

* Probability: Medium
* Impact on project: Medium
* Steps to prevent: Info to other team members in time
* Clean up action: Divide workload with other team members

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