

PROJECT PLAN

Course: ProP

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Group: 10

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PROJECT STATEMENT

In this document we state why our project is started and what we will achieve. It provides a detailed approach to the realization of this project and its goal. It also describes the client, the project leader, the initial situation, the problem description, the goal of our project, the deliverables and non-deliverables, the constraints and the risks.

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

Rachelsmolen 1, Eindhoven

Room 2.38

a.postma@fontys.nl

Working days: Monday – Friday

Project Leader

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

Current Situation

The Cultural festival 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, food, music, traditional costumes, dance steps, languages and many more. In the last few years, the popularity of the event has been significantly increased. Statistically, there has been an increase of people in attendance over the past years, this has made the organizers searching for a better way to organize the event and make more profit from it. Consequently, there are several requirements as initiated by the company in charge: (1) a steady system of payment, (2) camping site reservation, (3) 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 organizers have tasked the DevelopPro team with the aim of developing a software application that helps to easily keep track of basic information and make it possible to curb all of the problems mentioned. The group will also provide other solutions such as 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 in order to make this Cultural festival well organized and more manageable. The team needs to do everything possible to satisfy the client's wishes and to meet all the deadlines. The client wants to create:

- 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 analyze 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 deliver one website, four applications and one database to the client which will 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
- Agendas and minutes of every group meeting
- Setup document
- One website, four applications and one database
- 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 the applications for the client

Constraint 3: Database knowledge

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

Constraint 4: Design

We need to follow the design specified by the client

Project Risks

Risk 1: Preparing the project takes time more than 20 weeks

- 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 2: 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

