

Project Plan



Course: PROP
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

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Working days: Monday – Friday

Project Leader

Nadya Cheperkova, studying ICT & Software in Fontys University of Applied Sciences is the project leader.

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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.

Project goal

Our goal is to deliver a product that will make this event more organized and we want to increase the level of security at the event. We want to track the records of all the people going in and out of the festival. Furthermore, our goal is to offer job positions to people who are willing to work and have fun at the same time. Last, but not the least important is to connect people all around Europe.

Project Deliverables and Non-Deliverables

In this project the deliverables are:

- Funtional website with all the specific requirements
- Database
- Application for the shop
- Application for loan stand
- Check-in and check-out application for camping
- Check-in and check-out for the event
- Application for reservation
- Application for the ATM machine
- Application for the manager so he can easily check the status information

We will not deliver:

- Cross-platform applications

Project Constraints

Constraint 1: Time

The project must be completed within 20 weeks

Constraint 2: Database

The database should be secured enough and have good structure for storing data

Constraint 3: Application and website

They both should be user friendly

Project Risks

Risk 1: The project does not meet the deadline

- Probability: Low
- Impact on project: Medium
- Steps to prevent: Follow the Project Plan and organize regular meetings
- Clean up action: Discuss with the tutor

Risk 2: Team member sick or absent by a valid reason

- Probability: Medium
- Impact on project: Low
- Steps to prevent: Inform the team members on time
- Clean up action: Divide workload with other team members

Risk 3: Design is infeasible or unexpected

- Probability: Low
- Influence on project: Medium
- Methods to prevent: Communicate with the client clearly
- Clean up action: Change the design within deadline to satisfy the client.

Risk 4: Information security incidents

- Probability: Low
- Influence on project: High
- Methods to prevent: Code of conduct control and limit the employees to access data
- Clean up action: Individuals has the right to immediately request the network service provider to delete the information.

Phasing



Phase 1: Initiation

Activity: Start project

Tasks for the activity are

1. Create a logo and a name for the team
2. Determine the theme of event
3. Meeting with the tutor
4. Divide group work to each member
5. Make Agenda's and minutes of every meeting
6. Prepare questions to the client

Estimated duration is from 31-08-2018 until 03-09-2018

Deliverables for milestone M1 are:

1. Team logo and name
2. Theme of event
3. Questions to the client

Phase 2: Plan

Activity: Present and interview with the client

Tasks for the activity are

1. Interview with the client and tutor
2. Make a presentation for the event
3. Discuss proposal and come to an agreement
4. Create the first version of project plan
5. Prepare to design GUI, website and database
6. Investigate identification method, e.g.: barcode, QR-code or RFID-chip

Estimated duration is from 04-09-2018 until 14-09-2018

Deliverables for milestone M2 are:

1. Presentation for the event
2. First version of project plan

Phase 3: Design

Activity1: Design GUI of Application (Non-functional)

1. Check in and out for the culture event
2. Check in and out for the camping sites
3. Overview profile and balance of the visitors

Activity2: Design Wireframes of Website

Activity3: Database Design

Estimated duration is from 15-09-2018 until 23-09-2018

Deliverables for milestone M3 are:

1. Final version of project plan
2. Version of non-functional application GUI
3. Version of A website – wireframe
4. Version of database design (ERD)
5. Agenda's and minutes meeting

Phase 4: Improve

Activity: Improve the software design (Non-functional)

1. Meeting with tutor
2. Discuss the software design(Non-functional)
3. Improve the software design(Non-functional)
4. Create setup document
5. Work on the process report

Estimated duration is from 24-09-2018 until 11-11-2018

Deliverables for milestone M4 are:

1. Non-functional application GUI, website wireframe and database(ERD)
2. Setup document
3. Process report of block 1
4. Agenda's and minutes meeting

Phase 5: Develop

Activity: Programming

- 1. Meeting with tutor**
- 2. Develop the functionalities for website**
- 3. Develop the functionalities for applications**
- 4. Develop database according to ERD**

Estimated duration is from 12-11-2018 until 09-12-2018

Deliverables for milestone M5 are:

- 1. Version of website with functionalities**
- 2. Version of applications with functionalities**
- 3. Version of draft Database**
- 4. Agenda's and minutes meeting**

Phase 6: Test

Activity: Testing

- 1. Testing the applications and websites to figure out bugs**
- 2. Fixing the bugs and testing again**
- 3. Work on the process report**
- 4. Final Meeting with tutor**

Estimated duration is from 10-12-2018 until 07-01-2019

Deliverables for milestone M5 are:

- 1. Final version of website**
- 2. Final version of applications**
- 3. Final version of Database**
- 4. Process report of block 1&2**
- 5. Agenda's and minutes meeting**

Phase 7: Closure

Activity: Finalization and Presentation

- 1. Finalize and hand in all deliverables**
- 2. Give the final presentation to tutor and client.**

Estimated duration is from 08-01-2019 until 28-01-2019

Deliverables for milestone M5 are:

- 1. All deliverables**
- 2. Final presentation**