

PROJECT PLAN

FONTYS UNIVERSITY OF APPLIED SCIENCES

HBO-ICT: English Stream

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| project period: (from – till) | 23-02-16 - |
| Data company: | |
| Name company/institution: |  |
| Department: |  |
| Address: | Eindhoven, The Netherlands |
| Company client: | |
| Family name, initials: | Kuah, Ch. |
| Position: | Ceo |
| University tutor: | |
| Family name , initials: | Mr. Kuah |
| Final report: | |
| Title: | Contract agreement |
| Date: |  |

Approved and signed by the tutor:

Date:  
Signature:

Approved and signed by the client:

Date:   
Signature:

Agreed and signed by the student:

Date:   
Signature:

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# Project specification

## Formal client

The client, Mr.Kuah, hires us to develop a website for a car exhibition event, which would be organized in Tilburg, The Netherlands.

## Project Leader

The project leader is Dimitar Ryapov, leading a team, consisting of three more developers: Petya Mihova, Lyubomir Aleksandrov and Diyan Ganev.

## Current Situation

The main aims of using websites are for good advertising, informing, as well as recruiting of more and more visitors. As the client wants a website for his car exhibition event, the team will be responsible for developing the wanted website, uniting all the client’s needs, such that attractive design, fulfilling deadlines for several versions of the website, as well as the final release of it.

## Problem Description

Currently, there are four problems, connected to the planning of the car exhibition event that should be resolved by us. Firstly, there does not exist a system for such an event, consequently a new software system should be built, from scratch, for the event. The system should be fully operational, by the end of May, for the event to take place. Secondly, there is no place on internet, where information, concerning the event can be found making promotion of the event, towards the target market difficult. Moreover, there is currently no place, where prospective customers of the event can buy tickets, because the event is coming soon. Last but not least, there is no system for customers to pay during the event. Therefore, our team decides to use RFID’s that will contain a unique id, as well as information how much balance does the customer has in it, to spend during the event.

## Product

## Deliverables

* Website
* Facebook page
* Application
* Database

**1.7. Risks**

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk** | **Possibility** | **Impact** | **Solution** |
| **The problem is too complex to be completely solved** | **40%** | **There might be some delay due to the complexity of the task** | **The problem will be reevaluated, less restrictive constraints will be placed and a solution to a smaller problem will be developed** |
| **We are running behind the given phasing deadlines** | **25%** | **High** | **Make adjustments in the schedule** |
| **Our team faces problems with implementation of the application** | **40%** | **High** | **Making research about the technologies that we are going to use before the actual implementation** |

Legend: % to happen the risk

## Constraints

* **Time**

The system should be released, as well as running at the end of May, therefore we have a time limit constraint that we should reach. Moreover, there are several intermediate deadlines, such as the facebook page should be up for advertising ad recruiting purposes, as well as some specific pages like the contact page, should be developed and running sooner.

* **LogFile Structure**

The log file for the payment has a specific structure that we should acquiesce in. It is also limited to 1000 deposits and it will be delivered by PayPal.

* **Object-Oriented Programming**

The system should be programmed using an object- oriented language. Due to the fact, the programming would be done in segregated parts, the usage of C# would be more beneficial and appropriate, as well as each team member is versed in that program.

# Management plan

## Communication

Communication with the team happens with weekly meeting with the client, as well as the team to discuss the progress of the project. In addition to that, we use version control system (GitHub), such that we can develop several different versions of the product, as well as save previous versions.

## Skills

There are skills that are needed in order to realize the realization of the project. The level of these skills is sufficient and progress on the project will improve our skills, enlarge experience, as well as knowledge:

·         Soft skills (Communication skills, presentation skills, writing skills)

·         Mathematical skills (Graphs, Tables)

·         Development skills (JavaScript, HTML, CSS, Networking)

## Quality

The quality of the products, will be checked by preparing several usability tests, such that different testing methods would be applied, by means of which we will test how simple, friendly and understandable is the website, as well as the application.

* 1. **Information**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Project Plan | Final Version | Presentation |
|  |  | Dr, A, R | A, R |
|  |  | Dr, A, R | A, R |
| Developer |  | Dr,A,S |  |

Legend: Dr - Draw up, A - Approve, S - Send, R – Receive

## Time

|  |  |
| --- | --- |
| **Activity** | **Time** |
| **Making Information website** | **2 weeks** |
| **Making mock-ups** | **2 weeks** |
| **Developing the website** | **3 weeks** |
| **Making design of the application** | **2 weeks** |
| **Developing the application** | **3 weeks** |
| **Advertising(making advertisements for social media)** | **1 week** |
| **Testing the application** | **1 week** |
|  |  |
|  |  |

## Organization

Developers

Team   
Leader

CEO  
 (Kuah)

Employees

Quality Manager,   
Secretary

## Method of Working

The project is going to be executed with an approach, which is consisted of several different phases, each of them, containing a beginning and deadline, which will play the role as guidelines on the progress. Each week we organize team meetings, during which each person talks about what he has done, what he will do and what problems he has faced. Besides that, weekly meetings are scheduled with the client, Mr.Kuah, to keep track of the progress of the project.