Project Plan

Fontys ICT

English stream

**ProP**

**Group : ProP-17**

**Date :**

**Version : 0.1**

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1. Project Statement

# Versions overview

|  |  |  |
| --- | --- | --- |
| Version | Date | Description |
| 0.1 | 10-02-2019 | Plan of draft project plan  Added group overview and draft document structure |
| 0.2 | 10-02-2019 | Added deliverables, project goal, project description |

# Introduction

# Client

# Group overview

|  |  |
| --- | --- |
| Role | Name |
| **Project Manager** | **Maria Khovanskaya** |
| **Secretary** | **Dimitar Ivanov** |
| **Members** | **David Hooi** |
|  | **Martin Grigorov** |

(Project manager- The person in overall charge of the planning and execution of the project.)

(Project Secretary- A project secretary provides administrative support to project teams in various industries, involves tasks such as ordering supplies, creating and processing , and organizing meetings.)

**Maria Khovanskaya**

21 y.o., class E-B21

Experience: C#, Java, SQL. A bit of experience with Python, C++, web-development (mostly HTML/CSS, a bit of JS, PHP), familiar with XML/XSLT, Linux, UML. Worked as third-line support for a C# & SQL application with three-tier architecture, therefore has some experience with different architectures of client-server applications. Has Bachelor of Information Systems and Technology (ITMO, St Petersburg, Russia)

Strong points: passionate for programming, responsible, disciplined, productive

Weak points: not social (communication problems), not stress-resistant, inattentive to details

**Dimitar Ivanov**

20 y.o., class E-S26

Experience: Finished a starter course C# just to get a taste of programming, after that began studying in Fontys and everything else I learned here this first semester. Studied architecture before university so I have done a lot of projects and know what it’s like to work on something big and having a deadline. All my life I enjoyed everything connected with computers. Built my entire PC all alone when I was 13. I’m very interested in exploiting (jailbreaking, hacking).

Strong points: perfectionist when it comes to technologies, responsible, patient, supportive

Weak points: can get too focused on doing it “my way”, documents

**David Hooi**

18 y.o, class E-B21.

Experience: C#, SQL, mostly university related

Strong points: creative problems solver, passionate programmer, punctual, cool under pressure, responsible and good at meeting deadlines

Weak points: not social (communication problems), stress prone and not good at planning and coordinating teammates

**Martin Grigorov**

19 y.o., class E-S22

Experience: C# and SQL, mostly university related.

Strong points: He is good at solving problems, programing, code testing, planning and coordinating with teammates and communicating. He is always going for creative solutions and motivating his partners to think creatively. He also will thing about the compliance of the deadlines.

Weak points: He is not getting work done fast, but precisely. Not good with taking group decisions and often has difficulties resolving conflict with teammates.

# Current Situation

# Problem Description

The client has requested a software solution to manage events because when their events started to attract more visitors and it became increasingly difficult to manage events without a proper software solution. When managing events there are many different parts to consider and for a software solution to be considered a success the solution must at least contain the following:

* A website that informs people about the event and allows the reservation of tickets and camping spots
* Applications that check visitors in and out of the event and camping
* Applications that support the shops (food/drinks/souvenirs) and the loan stands
* An application that allows the organization to get a clear status overview of the event
* A database supporting all the applications
* An application that changes the balance of the visitors based on the ATM log files

# Project Goal

The goal of the project is to create a software solution that consists of a website that informs people about the event and allows the reservation of tickets and camping spots, applications that check visitors in and out of the event and camping. There should also be applications that support the shops and loan stands, an application that allows the organization to get a clear status overview of the event and an application that changes the balance of the visitors based on the ATM log files. All of the applications should be supported by a database.

# Deliverables and Non-Deliverables

**Deliverables block 1**

**Documentation**

1. **Agenda's and minutes of every meeting** – short records about every group meeting.

**IMT (%):** (15%)

Reason: based on size of the task and estimated amount of work.

1. **A name and logo for group.**

**IMT (%):** (5%):

Reason: based on size of the deliverable and estimated amount of work.

1. **A project plan** - a full project plan document with project statement and project phasing.

**IMT (%):** (30%):

Reason: based on size of the document and estimated amount of work.

1. **A setup document –** a document containing processes description, functional requirements, GUI, website wireframe and ERD of project.

**IMT (%):** (30%):

Reason: based on size of the document and estimated amount of work.

1. **A process report –** report of work that was done: minutes, description of who did what, mark justification, individual reflections on project.

**IMT (%):** (20%):

Reason: based on size of the document and estimated amount of work.

**Program**

1. **A website wireframe** – a visual guide that represents the skeletal framework of a website.

**IMT (%):** (35%)

Reason: based on amount of work.

1. **A website (static part) -** a website that informs people about the event (a static part of it).

**IMT (%):** (35%):

Reason: based on amount of work.

1. **A database design** - determines what data must be stored and how the data elements interrelate.

**IMT (%):** (30%):

Reason: based on amount of work.

**Non-Deliverables block 1**

**Deliverables block 2**

**Documentation**

1. **A presentation about the project** – a presentation where the final product is presented and explained

**IMT (%):** (20%)

Reason: based on size of the task and estimated amount of work.

1. **Agenda's and minutes of every meeting** – short records about every group meeting.

**IMT (%):** (20%)

Reason: based on size of the task and estimated amount of work.

1. **A process report –** report of work that was done: minutes, description of who did what, mark justification, individual reflections on project.

**IMT (%):** (60%):

Reason: based on size of the document and estimated amount of work.

**Program**

1. **An application to be used at the entrance of the event** – at the entrance of the event, the application should be able quickly to check if a visitor is allowed to enter.

**IMT (%):** (7,5%)

Reason: based on amount of work.

1. **An application to be used at the entrance of the camping -** if visitors reserved a camping spot the application should be able to check if the group has paid

**IMT (%):** (7,5%):

Reason: based on amount of work.

1. **An application to be used at the shops** - the application checks the unique identity number of the visitor, generate a receipt and lower the balance of the event-account of the visitor by the amount of the purchase

**IMT (%):** (7,5%):

Reason: based on amount of work.

1. **An application to be used at the stand, where you can loan materials** – the application checks the unique identity number of the visitor, generate a receipt and lower the balance of the event-account of the visitor by the bill of the loaned materials.

**IMT (%):** (7,5%)

Reason: based on amount of work.

1. **An application to be used when a visitor leaves the event -** when a visitor leaves the event the application checks the balance of his/her event-account. It then tells the employee how much money to return to the visitor. It then marks the event-account as invalid. It also checks if there are loaned materials on the event-account and if it is so it tells the employee.

**IMT (%):** (10%):

Reason: based on amount of work.

1. **An application for the organization to inspect the status of the event** - the application should show the following:

* Visitor status & Visitor history
* Visitors present at the event
* Total visitors (to visit the event)
* The total balance of all visitors together & the total spent money
* Camping statistics (booked and free spots)
* Total money sold per shop
* The total amount of a certain product sold

**IMT (%):** (15%):

Reason: based on amount of work.

1. **An application to convert the information in the transaction-log-file to the database** – this application will transfer the information from text files to the database.

**IMT (%):** (5%)

Reason: based on amount of work.

1. **A website (fully functional) -** a website that informs people about the event. It should allow people to reserve entrance tickets and camping spots. visitors of the event should have the possibility to communicate about their experiences, by posting messages on some review space on the website.

**IMT (%):** (40%):

Reason: based on amount of work.

**Non-Deliverables block 2**

# Constraints

# Risks

1. PROJECT PHASING / PLANNING

# Visual overview and Time estimation

# Tasks

# Milestones

# Attachments