ProP  
system for organizing a social event

Project Plan

Course: ProP

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Group : D

Group Name: ProShots

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# Project Statement

## Formal Client

Mr. Johnson: <https://www.facebook.com/profile.php?id=100007193655406>

He‘s available for questions at: [rj.johnson@thusj.nl](mailto:rj.johnson@thusj.nl)

## Project Leader

Mikael Shaghelani Lor of class EI3S1 is the project leader. He can be contacted at mikael.shaghelani @student.fontys.nl

## Current Situation

This type of event is hosted yearly. It provides a vision of the competitive side on robotics and many enthusiasts contribute to this. This year, the event will be hosted in an outdoor environment. On the terrain itself, the required equipment will be in place which will allow the execution of the event. This is the first time the event will take place in an open environment.

## Project Justification

Our company is best suited for this job due to the fact that we have previous experience both in making similar techy outdoor events as well as RoboCup competitions. We believe that with the resources provided we can achieve a very successful event and show off RoboCup in the way that it deserves.

## Project Product <<<

## Project Deliverables and Non-Deliverables

* Name and logo for the group
* Project Plan
* Agenda and minutes of every meeting
* Setup document
* Website
* Design for the database
* Presentation
* Process Report
* Applications for
  + Handling entrance
  + Handling camping's entrance
  + Usage with the shops
  + Loaning materials
  + Handling when a person leaves
  + Inspecting the status of the event
  + Conversion of the PayPal data to the database

## Project Constraints <<<

Website has to run on Fontys’ Athena server

MySQL or Oracle database

Object oriented applications written in C#/C++/Java

## Project Risks <<<

-Weather

# Project Phasing

*Week 19*

*Week 11-14*

*Week 15-18*

*Week 1-4*

*Week 5-8*

Organization

Organization

Organization

Organization

Applications

Implementation

Applications

Implementation

Finished Project Plan

Setup Document

Initial Project Plan

Setup Document

Final Result

Applications

GUI and classes

Website v3

Website v2

Database

Website v1

***M5***

***M4***

***M3***

***M2***

***M1***

## M1 Deliverables

* Name and Logo
* Project plan
* Division of the roles
* Setup Document v1
* Choosing which DBMS to use

## M2 Deliverables

* Class Structure
* Applications GUI
* Database Design and Implementation
* Website v1
* Identification principal
* Final setup document

## M3 Deliverables

* Website v2
* Work on the applications

## M4 Deliverables

* Website v3
* Work on the applications
* Presentation v1
* Process Report
* Agenda

## M5 Deliverables

* Presentation
* Final version of the Project

# MOSQUITO

## Quality

***Quality constraints:***   
- The applications must limit user interaction, but grant them enough freedom to complete their request with ease  
- The GUI has to be easy to use and appealing for the users

***Problem prevention:***   
- The area is protected from rain and wind.  
- Applications will have exception handling on every unnatural action  
- Website has to be stress tested before launch   
- The logic of the applications and website has to be tested to ensure correct workflow

***Problem solving:***   
- Our services will be available during the event  
- The event has all required facilities in case of a malfunction  
- PC Doctor will help with the visitors’ computers

## Time

1. It is estimated that this project will last 5 months (19 weeks, from February to about the middle of June).  
   The project will start on February 23rd.
2. Time planning for project activities is as follows:
   1. Make the project plan Week 1 – Week 2
   2. Design and Assign logo Week 1 – Week 2
   3. Division of the rows Week 1 – Week 2
   4. Prepare Interview Week 1 – Week 2
   5. Research on identification Week 2 – Week 3
   6. Setup document Week 3 – Week 7
   7. Choose DBMS Week 2
   8. Interview Client Week 3
   9. Design the Classes Structure Week 2 – Week 6
   10. Design and Implement the DB Week 2 – Week 7
   11. Design the Applications GUI Week 2 – Week 7
   12. Work on Website v1 Week 4 – Week 7
   13. Work on Website v2,v3 Week 11 – Week 17
   14. Work on the applications Week 11 – Week 17
   15. Prepare Presentation Week 18
   16. Deliver Everything Week 19
3. I addition, weekly agenda will be kept, notes of the meetings and the process report will be updated weekly