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| Method of Approach | | Version: 1.0  File Name: Pva\_Barroc |
|  | | Datum opgesteld: 11-9-2014 |
| Name contractor | H.C.M. van Bueren | Signature read:  Datum: |
| Name CEO | Rudy meijers | |
| Project Name | Barroc-IT | |

Inhoudsopgave

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# Background information.

Team GOTO is a small development team located in Breda (Netherlands), that consist out of three enthusiastic programmers. Because our team is relatively small, we are able to cooperate very smoothly and are able to write applications in no time. This is mainly because we don’t carry specific roles. Our team would like to stay this small, in order to keep the effectiveness as high as possible for each programmer. Our small team is specialised in building applications to automate certain tasks to increase the production and decrease the man power. We can assure you that we will be able to deliver the application that your company needs.

The CEO of Barroc-IT(H.C.M. van Bueren) approached Team GOTO. Barroc-IT has irregularities within their corporation considering internal communications. As of now most of their communication is done through phone or email. This causes the data to be manipulated by human error. In order to rectify this issue Team GOTO is asked to develop an application to improve internal communications.

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# Project Assignments

Barroc-IT is a company that has used verbal communication to transfer data between departments for a while. In this time they have had too many human errors because of the verbal communication. To resolve this issue Barroc-IT wants Team GOTO to develop an application to store all the assignments and customer data in. This way all assignments and data are easily shared and viewed by the departments. This will result in a faster work rate with less errors. This will save Barroc-IT time and money on the long run. While at the same time they their customer happiness will stay the same. Team GOTO will start developing this application as soon as they are accepted by Barroc-IT. The development will take approximately 2 months.

# Project activities

In order to make the application the following things must be done.

1. Set up a method of approach:

* Gather and study information.
* Discuss the gathered information.
* Setup of definitive method of approach.

1. Make a planning:

* Divide work into smaller parts.
* Assign resources where they fit best.

1. Make a functional design:

* Decide program flow and class diagram.
* Make a template for future code.
* Create an activity diagram.

1. Making the application:

* Design an user interface.
* Create a database.
* Program full application.
* Acceptation test.

# Project Boundaries

The Project has already started on Monday the 8th of September and the deadline is at Monday 3 November so we have only got 5 weeks before the deadline. If we are getting behind, then we need to put in more effort to keep up. Which means that when we are more than a week of work behind we will have to work at home to keep up. We are not going to add additional functions to the program as long as all the main functions are not finished. If we do not keep ourselves to this we may not have enough time to finish the main goal of the project. Since we have already got the hardware and software we need we do not have any additional costs for the project. If any of the teammates are absent we will reach each other and work through Skype.

# Products

The first product we made is The Plan of approach, so you know what the project is all about,

Then we've a planning, to make priority what needs to be first to make and what needs to be last

in the planning stands also a design or prototype, so we know how the design of our final product looks like

there are also the rapports and the final product, which is the product where everything was all about.

# Quality

Our products are always made following the demands that have been made by our clients. Besides the conditions made by our customers Team GOTO has its own quality assurance where the user friendliness and speed are prioritised. The application this project is being made to improve and optimise the communication within the company Barroc-IT.

Which is why we will primarily focus on user-friendliness and prohibiting faulty or corrupt data. There will be a strict control on the input of data and by testing the program regularly and good communications with the different departments of the company we can insure the program will be easy to handle.

With the in between tests we primarily allude to keeping the application bug free, but also getting approval for the design by discussing it with the future users.

We can guarantee delivering the product before or on the deadline by holding ourselves to a deadline that is 1.5 to 2 weeks before the actual deadline. That way we have time to test the product with the customer and possibly remove any remaining bugs. We keep record of our programming progress by using the software 'Trello' in which it is easy to see what person is working on what part of the project at what time.

# Project organisation

Rudyard Meijsen - Project leader

Ricky van den berg - Lead Programmer

Steven Logghe - Database manager

Team GOTO is a small team consisting of only three persons. The upside of this is that we can make quick and clear appointments and that everyone can be involved in the talks with our clients. That way everyone involved knows exactly what the entire project is about and what has to be done. The people working at 'Team GOTO' are Ricky van den Berg, Steven Logghe and Rudyard Meijsen following is a short description of these persons.

Ricky van den Berg: Mr. van den Berg is the last person in Team GOTO to check and test the code. Everyone in Team GOTO has programming experience, but Ricky is the one with the most insight and is an expert in optimising.

Steven Logghe: Besides being a huge asset development wise is Steven our database expert. He is specialized in SQL.

Rudyard Meijsen: Rudyard Meijsen is responsible for all products and is the first person to make contact with the customers. He an all-rounder and makes sure that the organisation and communication within the team stay in order.

Meetings

The rolls in our meetings will rotate. That way we will have a different chairman and secretary.

The team members are available every Monday and Wednesday afternoon as well as Thursday mornings and Fridays the entire day. There may be situations where we will have to work in our free time, but those situations will be discussed separately.

In the meetings we will discuss the work for the coming week, the week reports and the attainability of next goals. Details will be notated on paper and in Trello. The participants in the meetings will be all project members and they will last about 30 minutes.

# Costs and benefits

This application will be developed by 3 individuals. Who all work for a wage of 30€ an hour. The project is estimated to take 8 weeks. A week is 30 hours of work.

So 30 \* 8 \* 30 \* 3 = €21.600,-

Then we ask €5.000 for licenses.

This comes to a total of €26.600,-

When this is paid we guarantee that our application will have all the requirements that you seek.

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