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| Obesicode |
| Barroc IT Project |
| Plan of Action |

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| Noël van Bijnen  5-9-2017 |

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# Chapter 1: Backgrounds / Project organisation

Obesicode is a organisation founded be three students, the point of the organisation is to deliver the highest quality product in the time given. Wintin out team we have 3 valued members: Max Bogaers the leader and Ceo of the company Obesicode, Maarten Donkersloot, a valued member of the team and unmissable in meetings and last best Noël van Bijnen, also a valued member of the team.

The Client of this project is h. van bueren the ceo of the marvellous company Barroc-IT.

**Client data:**

Name : H. van Bueren.

Phone number : 076-5733444.

E-mail: [ceo@barroc.it](mailto:ceo@barroc.it).

Alternative E-mail: F.vanKrimpen@rocwb.nl

**Data Contractors:**

Name: Maarten. Name: Noël .

Surname: Donkersloot. Surname: van Bijnen.

Phone Number: 0623183611. Phone Number:0640995653.

E-mail: tt140981@edu.rocwb.nl. E-mail: d183422@edu.rocwb.nl.

Name: Max.

Surname : Bogaers.

Phone Number : 0636303815.

E-mail: d230195@edu.rocwb.nl.

Communication client.

The communication between us (obesicode ) and our client (H. van Bueren) will be achived trough the means of email. The communication between the team will be via a weekly meeting between the staff. A record of that meeting will be send to the client within days of the meeting happening.

Assignment

We were assigned a project to help to improve the communication between the different parts of the company. how

.

# Chapter 2: Project assignments

## Specific

**What we want to achieve .**

The thing we want to achieve is a improvement of communication between the departments of the company Barroc-IT

**The people that are involved**

The Managing Director, the financial director, Maarten Donkersloot, Noël van Bijnen and Max Bogaers.

**Where we are going to do it.**

We are going to work in classroom 330 and at the homes of the members of the team.

**when are we going to do it?**

We have a set work time of between 9 o'clock and 12:15 on all working days except Wednesday. We also work on sometimes outside that time but those aren’t set yet.

**Which parts of the objective are essential?**

the essential part of this project is that we improve the communication between the departments of the company: Barroc-IT.

**Why do we want to achieve this goal?**

We want to achieve this goal so we can successfully help this company.

Measurable

At the beginning of the project we were lacking some essential information we needed to complete the project. But after taking two interviews and getting the script of two more we had enough information about the situation at the clients office to come up with a fitting solution. And make diagrams and designs of what we are thingking the application will look like. And when we are done with that we are goin to start with the actual programming of the program.

## Acceptable

Everybody involved with the project is in agreement that this is the solution to the problem they are facing. And that this solution is we should invest our time in.

## Realistic

Is the goal of the project realistic?

From the information gathered from the preliminary investigation, the interviews and the MoSCoW, we conclude that the goal of this project is doable, and we as Obesicode will fulfil the assessment.

## time-bound

the first deadline of this project is the 15th of September 2017, and this deadline we have to have to have the documentation , then we have a deadline on the 13th of October 2017. And we than have a second reparation deadline on the 19th of the same month at that deadline everything should be done .

## Conclusion

The project is doable in the time we have for it. And the purpose of this project is to Improve the communication between departments .

# Chapter 3: Projectactivities

## Plan of Action

We have to make a plan of action.

To be able to do this we need to find out what needs to be done to complete it. And do those thing. We will do this task first

## Tests

We also have to make tests. These tests will be made after or during the plan of action. These tests will consist of the following testes:

* acceptance test
* Technical test
* Function test

## Database

To have to make a database to save all the data generated from the application. This database will be made in MySQL. We first have to normalize all the data, to be able to get the most efficient tables possible. This will be the second task we will be doing.

## Website

We also have to make a website. What is the final product of this project and will most likely be the biggest and take the most time. We will be making this website using the following programs: HTML, CSS and PHP.

This will be the last task we are going to do.

# Chapter 4: Project boundaries

**Time boundaries**

* We have 2 weeks to finish the documentation which has to be done on the 15th of September.
* We have 4 weeks to code.
* Then we have 1 week to test
* And a week to get everything checked.
* The entire project has to be done on the 25th of October 2017.

**Product boundaries**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **rules** | Must have | Should have | Could have | Wont have |
| A login system (for the departments and admins). | x |  |  |  |
| An admin panel (access to customer data to customize). | x |  |  |  |
| Database (too save all the invoices and login data). | x |  |  |  |
| A search function (to locate all the client data) | x |  |  |  |
| Website (Application is website based). | x |  |  |  |
| Improve contact between departments via exchange of information (Forwarding invoices). | x |  |  |  |
| The indexing of client data(so data can be used by different departments) | x |  |  |  |
| One screen per department (so the departments have only the things they need on their screen). | x |  |  |  |
| The whole website in English. | x |  |  |  |
| Invoicing system(entering the invoices of the projects) | x |  |  |  |
| Max credit system (when the client doesn’t pay the invoices and when that client hits the max amount of pre-determined money owed the project gets stopped ) | x |  |  |  |
| Clean user interface |  | x |  |  |
| A help function in 2 languages (Dutch and English) |  | x |  |  |
| The website matches the Corporate identity of the company Barroc-IT |  | x |  |  |
| Messageboard (contact history). |  | x |  |  |
| When the clients project is completed the invoices are hidden. |  | x |  |  |
| Messaging system (between departments). |  |  | x |  |
| File storage system (extra bestanden van klant). |  |  | x |  |
| Automatisch klant email sturen (als de klant het limiet bereikt). |  |  | x |  |
| Security (of the website from outside attacks) |  |  | x |  |
| Client interactie (that the client is able to get acces to the system). |  |  |  | x |
| Automatic deleting of invoices . |  |  |  | x |

# Chapter 5: Products

In this chapter I will describe what product you can expect from us by the time we are done with the project.

* Application (the end product)
* The Plan of action
* The quotation
* The Prototypes (wireframe’s)
* And the designs

# Chapter 6: quality

The way we are going to secure that you get the best quality product we are able of producing. How we are going to do this is by getting you to accept every major document or major version of the app we need to produce. We will send the current version of the app at least twice in the period that we will be working on it. And we will ask question via email when they come up. An to get the best product we will be using to following tools:

* Php storm
* Microsoft Visio
* Microsoft Word
* Wamp
* PHP myadmin

Following is a list of the documentation we will send to you to accept.

* Records of the interviews
* PvA
* PvE
* Schedule
* Designs
* Test of Acceptance
* And a few more things when they come up.

# Chapter 7: schedule

|  |  |
| --- | --- |
| Deadline KT1 12:00 | 15-9-2017 |
| Opleveren KT1 (productbeoordeling) (fer) | 18-9-2017 - 19-9-2017 |
| Deadline KT1 Reparatie | 22-9-2017 |
| Deadline KT2 | 4-10-2017 |
| Opleveren KT2 (technische oplevering) (Piet) | 5-10-2017 - 6-10-2017 |
| Deadline KT3 (uitgevoerde acc.test en presentatie ) + Reparatie KT2 | 13-10-2017 |
| Opleveren KT3 (productbeoordeling) a.h.v. presentatie | 16-10-2017 |
| Deadline KT3 Reparatie | 19-20-2017 |

# Chapter 8: Costs and Benefits

|  |  |
| --- | --- |
| **Members:** | **Hours for this project (8 weeks):** |
| Max | 120 |
| Noël | 120 |
| Maarten | 120 |
|  |  |
| **Total:** | 360 |

€ 11,12,- average per hour p.p.

360 x € 11,12,- = € 4003,20,- total 360 hours

€ 25,- of paper (200 pages A4)

€ 153,- power and hardware (2 months).

€ 233,- licences (1 year).

Total kost: € 4414,-

# Chapter 9: Risks

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| description of risk | Countermeasure | Likely hood | Impact | Risk (Chance \* impact) | Priority |
| Windows bluescreen | Check your ram usage and try not to go overboard on the overclocking. But other than that you are just at the fortune of windows | 4 out of 5. | 4 out of 5 | 16 out of 25 | 10 out of 10 |
| Defective storage | Preventing non redundant storage i.e. only having it on your pc or only on a usb stick. And by using services such as GitHub, Google Drive etc | 2 out of 5. | 5 out of 5 | 10 out of 25 | 4 out of 10 |
| Windows corrupt | Preventing non redundant storage i.e. only having it on your pc or only on a usb stick. And by using services such as GitHub, Google Drive etc. | 1 out of 5. | 5 out of 5 | 5 out of 25 | 2 out of 10 |
| Power outage | There is now way to really prevent this , but always having your laptop charged when you come to school. | 1 out of 5. | 2 out of 5. | 2 out of 25 | 1 out of 10 |
| Drink spilled over laptop/pc | Keep away drinks from your electrical devices and if you want to have something you can close. | 1 out of 5. | 4 out of 5 (laptop)/ 3 out of 5 (pc | 4 out of 25 (laptop)  3 out of 25 (desktop) | 6 out of 10 |
| No internet | Try to have a second connection of a second provider or have all of the assignments offline. | 2 out of 5. | 2 out of 5 | 4 out of 25 | 3 out of 10 |
| Fire | Prevent the overloading of the circuit and check if the circuit breaker is functioning | 1 out of 5. | 5 out of 5 | 5 out of 25 | 5 out of 10 |
| Defective laptop battery | Don’t be a moron and keep your laptop safe. | 2 out of 5. | 2 out of 5. | 4 out of 25 | 5 out of 10 |
| Sudden passing | Dont be stupid. Stay healthy | 1 out of 5. | 3 out of 5. | 3 out of 25 | 8 out of 10 |

# Chapter 10: Version management

To know what version we’re working on we use github, and it is easier to revert to an earlier version.

## Changelog

Because we’re using github we can see and keep up with our changes this way.

## Version numbering

Everything will start with version 1.0 .