Barroc-IT

METHOD OF APPROACH

**Our Company**

Address: Terheijdenseweg 350, 4826 AA, Breda  
Phone number: +31 06 38 32 42 62  
e-mail: Group10Radius@gmail.com

**Project promoter:** Fer van Krimpen

**Group number:** 10

**Group members:** Nico Steenvoorden

Mike van Nieuwburg

Anthony Carincotte

Cem Dursun

**Class:** RIO4-APO2A & RIO4-APO2B

**Version:** 1.1

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**Revision History**

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| --- | --- | --- | --- |
| **Versie** | **Datum** | **Beschrijving** | **Door** |
| 1.0 | 15-09-16 | Creation ,… | Anthony |
| 1.1 | 15-09-16 | Backgrounds, /Assignment, Borders, Product, Risk | A |
| 1.2-1.3 | 16-09-16 | Activities, /Quality, /Cost, Risk, Organization | A, Cem, Mike |
| 1.4 | 18-09-16 | /Quality, | A |
| 1.5 | 19-06-16 | Planning, Cost, Assignment |  |

Note:

* Quality parentheses

**1. Backgrounds**

**Organization:** Radius College MBO school **Location:** Terheijdenseweg 350, Breda **Project group number:** 10 ( Anthony, Cem, Mike, Nico)

**Client :** Mr. van Bueren, Barroc It.

The organization who make this partnership possible is called Radius College, our lovely school.

Our team, ‘Group 10’, is made of 4 enthusiastic young members, all have their defaults and qualities.

Our main goal is to success. We keep managing our motivation all along the project term to serve the justice of good-programming.

We are like naive fresh meal who have some difficulties to make a decent application, but we know our defaults better than anyone, and is why this project is in safe hand.

The organization's CEO, asked use to make an application which carry database for their Developments, Finances and Sales department. This product will help Barroc-It to manage their data for their Development,, and will for sure increase their products qualities.

**2. Project Assignment**

This project is a request from the Barroc-IT company. They contact us to improve the quality and the reliability of the communication within their company, because a big part of their internal communications is being done verbally. To resolve this problem Barroc-IT has asked us to develop an application to store all their customer, project and financial data. This way all information is easily shared among the departments. This will result in a faster work flow and less errors.

**3. Project Activities**

**Writing documentation for pre phase.**  
 - Collaboration Contract  
 - Preparation for Interviews

**Interviewing the different branches and the owner of the company** - Interview with the owner.  
 - Interview with the head of Sales.  
 - Interview with the head of Finance.  
 - Interview with the head of Development & Research.

**Writing the remaining documentation.**  
- Global planning.  
- Method of approach.  
- Making wireframes (prototypes).

**Functional Design** - Designing a Use-Case.  
 - Making a Use-Case Template.  
 - Making a Activties diagram.

**Technical Design**  
 - Making Class diagram.  
 - Designing a data dictionary.  
 - Making Sequence Diagram.  
 - Collecting all the Soft / Hardware.  
 - Building and normalizing the database.  
 - Creating the data dictionary.  
 - Creating a working solution (application wise).

**Test Phase**  
 - Making and testing of the Dataset.  
 - Making and executing a technical test.  
 - Making and executing a functional test.  
 - Making and executing a acceptation test.

**Final Phase**  
 - Writing a user manual (English and Dutch).  
 - Presenting the application.  
 - Delivering the Journals with time registration.

**4. Project Borders**

First of all, the project begin Monday, September 9 2015 and need to be finished before Wednesday, October 30 (7 weeks). Past this deadline, the product will not be altered.

**Finals priorities:**

If we want to achieve this product without any disturbing delay, we firstly need to plan a meeting 2-3 weeks before the deadline. This can be a really important reunion, we need to look what is done and what is clearly not. Take a look at our current priorities, then divide them by importance. Of course take note, looking for project needs. And if needful, tasks can be swap among group members. So we can easily manage our motivation: if one of us got bored/stuck with his project task(s), we can swap at any time.

**5. Products**

These products will be implement in the project:

* Method of approach
* prototype
* the application
* user manual
* project rapport

**6. Quality**

□ Zijn terugkoppelingen met opdrachtgever genoemd?

□ Zijn afspraken opgenomen over te gebruiken hulpmiddelen (onder andere software)?

□ Wordt het vragen van extern advies genoemd?

□ Worden producten in fasen opgeleverd (bijvoorbeeld conceptrapporten, goedkeuring, definitief rapport)?

The quality of the products is our main goal. We guarantee you an application structured, simple, and easy to use. And all the documentation necessary (to make this project possible)

Here below is a short list of what can help us to improve the product quality

* Several meetings with Formal Client
* Technical Research on specific part of project
* Project Management in professional way
* Weekly meetings with all the group members
* One-by-one Evaluation by group members
* Delivery of a product final report at the end of the contract

**7. Project Organization**

**Leader:** Nico Steenvoorden

**Scriber:** Mike van Nieuwburg

**Members contact information:**

|  |  |  |  |
| --- | --- | --- | --- |
| Project member | Address | Phone number | E-mail address |
| Anthony Carincotte | Boschstraat 170a | 0638324262 | anthogame57@yahoo.fr |
| Cem Dursun |  | +31620439975 | cemdursun@msn.com |
| Mike van Nieuwburg |  |  | D215937@outlook.com |
| Nico Steenvoorden |  |  |  |

A good communication between us and the project client is necessary to avoid miscommunication and make the project requirements clearer.

Our main goal is to get every requirements finished before the deadline. We work together about 4 hours per day 5 days a week, Monday until Friday with a 20min break. If necessary, we can bring our work home and finish it at home.

We are using the software « GitHub », it allow us to share our file between each group member. Secure and fast, this software is our main way to share our work, compare, and discuss about it. And we have a binder to classify each of our important documents.

We are using WhatsApp to communicate among us, and to share important information when it is necessary.

**8. Planning**

**9. Costs and Benefits**

Our price a relatively low and will be fixed at the end of the project. It will depend first of all on the product quality and the satisfaction of our client.

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **AANTAL UREN** | **OMSCHRIJVING** | | | **P.P STUK** | **BTW** | **KOSTEN** |  |
| 58 | Voorbereidingen | | | € 33,00 | Y | € 1 914,00 |  |
| 320 | Applicatie bouwen | | | € 33,00 | Y | € 10 560,00 |  |
| 20 | Database bouwen | | | € 33,00 | Y | € 660,00 |  |
| 16 | Testen van product | | | € 33,00 | Y | € 528,00 |  |
| 15 | Overige werkzaamheden | | | € 33,00 | Y | € 495,00 |  |
|  |  | | |  |  |  |  |
|  |  | | |  |  |  |  |
|  | Reiskosten | | | 200km | Y | € 278,00 |  |
|  | Stelpost | | |  | Y | € 300,00 |  |
|  |  |  |  |  | Subtotaal | € 14 735,00 |  |
|  |  |  |  |  | Belasting | 21,00% |  |
|  |  |  |  |  | Kosten belasting | € 3 094,35 |  |
|  |  |  |  |  | Extra | - |  |
|  |  |  |  |  | **Totaal bedrag** | € 17 829,35 |  |

12. Risk analysis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| risks | How can we avoid this risks? | How frequently can this happened? | How big is the impact of this? | How important is this risk (1-10)? |
| Sick | Homework. | Occasionally | Small (Big if often) | 4 |
| Computer crash | Save each document each hour. | Rarely | Big | 3 |
| Internet problems | Smartphone. | Often | Medium/Big | 8 |
| Disagreement between group members | Have a meeting. If a unanimous decision is not possible. The group leader has the final word. | Rarely | Big | 3 |
| Miscommunication | Communication. | Rarely | Medium | 2 |
| Lack of time | Make up for it in our spare time. | Often | Medium/Big | 9 |

13. Finally

The closeout won’t be in phases because the project will go on after we have finished our part of it. The end of the project will be decided by the company’s management and how this is going to be managed is up to them.