



ATOMICPEANUTS

Project Media Bazaar

By Atomic Peanuts ©



Louis Kareem Cocks (**Project Leader & Developer**)

S.N: 3954358

Jose Navarrete Carbonell (**Developer**)

S.N: 3917533

Alexander Vartic (**Developer**)

S.N: 4030435

Menderes Saçli (**Developer**)

S.N: 3838439

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The company we will be working for is Media Bazaar. It's a subsidiary company of Jupiter.

We will be meeting on a weekly basis, every Tuesday and Thursday to discuss the progress of the project. The client will provide a secured email address to Atomic Peanuts to stay in contact. The client will be in contact with the project leader (Louis).

The client's email address: b.schouwenaars@fontys.nl

The team Atomic Peanuts Corporation consists of 4 members. The project leader/developer and three senior developers.

The product owner at Media Bazaar can contact the developers with the following information provided:

- | | |
|-----------------------------------|--|
| • Louis K. Cocks (Project Leader) | l.cocks@student.fontys.nl |
| • Jose N. Carbonell | j.navarretecarbonell@student.fontys.nl |
| • Alexander Vartic | a.vartic@student.fontys.nl |
| • Menderes Saçli | m.sacli@student.fontys.nl |

Jupiter approached many other companies to build a state-of-the-art software solution before the launch of their subsidiary Media Bazaar, but all have failed to come to terms with Jupiter.

The current situation is that Jupiter approached us in hopes that we will come with a simple solution to their complex problem.

The great developers at Atomic will be building a software solution for an existing system. A system that is currently being used by Jupiter and their other subsidiaries. However, they want us to create a simple and modern solution for their dated administration system.

Problem Description

Currently Jupiter's administration has a lot of trouble managing employees and products. Jupiter fears that in the foreseeable future their biggest challenge will be keeping track of employees, products, departments, etc. Hence, lack of statistics, confusing pages of product stocks, employees not being able to sign in and update their personal information and much more.

The goal will be for the developers at Atomic Peanuts to come up with a solution that will not only improve the administrative system that is currently in use by Jupiter, but it will also make it faster, simpler and easier to work with.

For example, building an application for management to view statistics related to employees, product stock, department and much more.

Also, an application for the administration to manage employees and departments. In addition, they will also build a website for employees to view and update their personal information.

At the end of 18 weeks, we will deliver our solution packaged in an advanced desktop application and website.

27 March 2020 (week 6):

- Windows application: an application that is build for the management of employees. Employees will be able to view statistics and update personal information in their profile. Managers will have total control of the system. They can add, remove, or update an employee.

08 May 2020 (week 12):

- Updated version of the windows application.
- A website: an application that is build for the management of stock requests, extended management of employees and departments.

19 June 2020 (week 18):

- Updated version of the windows application.
- Updated version of the website.

They are a few things that our developers at Atomic Peanuts will not be delivering:

- A real-time application.
- An application that handles big data.
- An application that connects to multiple devices simultaneously (IoT).

However, as we stated in the previous chapters, we will deliver a state-of-the-art administrative system.

Some constraints/risks that can become roadblocks in the foreseeable future for our developers to deliver the solution before the given deadline are:

- The fact that the duration of the project is only six weeks.
- The budget for this project is small, so if the project exceeds the deadline of six weeks our developers might not get paid and we will have to put the project on hold on.
- Some developers will be taking a vacation during the Easter holidays.

Furthermore, purchasing high tech hardware to ensure the quality and success for this project will cost Jupiter thousands of euros and time.

Based on some of the features given by the product owner will have an impact on the scalability of the applications. We will have to work with PHP, which can be very slow and cause our application to crash or give server timeout errors.

Impact

The risks can have a critical impact on delivering the project on time and complete with all required features.

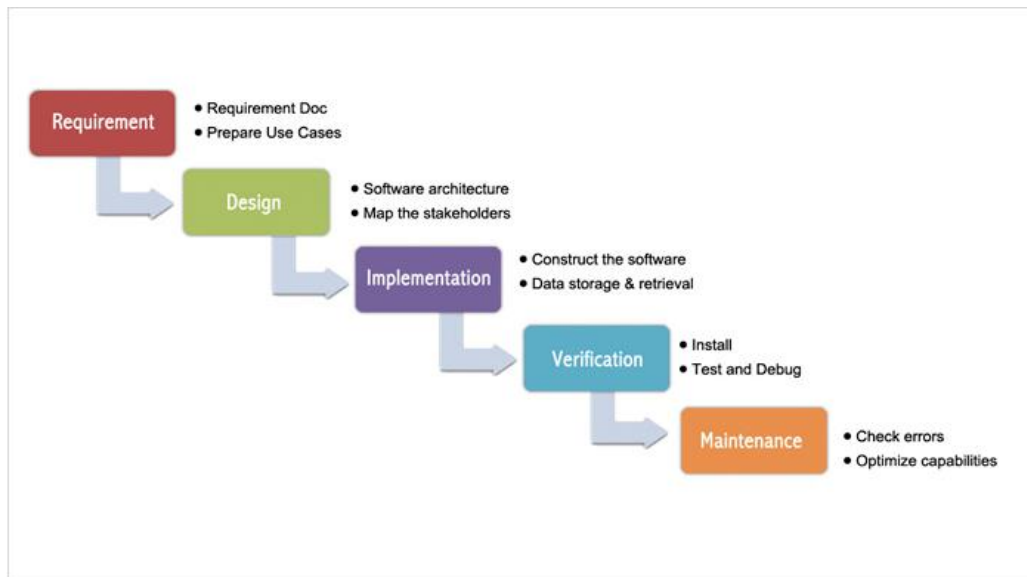
Countermeasures

At Atomic Peanuts, we have a special method in place that will make sure the project will be delivered with no delay. The method will help our project leader and developers to identify any problems early on and to communicate these issues with the product owner at Media Bazaar. That way, both parties will be able to come up with a solution that is fast and realistic.

Phasing

To ensure the success of this project our developers at Atomic Peanuts will be using the Waterfall Project Methodology. The waterfall model is a breakdown of project activities into linear sequential phases, where each phase depends on the deliverables of the previous one and corresponds to a specialization of tasks.

The Waterfall Methodology image_1



Milestones:

- 14 February 2020 – Project Plan
- 21 February 2020 – User Requirement Specifications
- 06 March/13 March 2020 – Implementation
- 20 March 2020 – Testing
- 27 March 2020 – Deliver Solution