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PROJECT TENDER

# Project: RMB's Data Lake

CLIENT: RMB

## Team: Team Name

Armand Pieterse *u12167844*

Kgomotso Sito *u12243273*

student name *uXXXXXXXX*

Sphelele Malo *u12247040*

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF PRETORIA

Here's a link to GitHub.

<https://github.com/SpheMalo/COS-301-Main-Project.git>

May 2, 2015

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# 1 The Team

## 1.1 full name and surname

### 1.1.1 Interests:

### 1.1.2 Technical Skills:

### 1.1.3 Relevant Past Experience:

### 1.1.4 Non- Technical Strengths:

### 1.1.5 Why I chose this project:

## **1.2 full name and surname**

**1.2.1 Interests:**

**1.2.2 Technical Skills:**

**1.2.3 Relevant Past Experience:**

**1.2.4 Non- Technical Strengths:**

**1.2.5 Why I chose this project:**

## **1.3 Armand Pieterse**

### **1.3.1 Interests:**

- Computer gaming.
- Programming/Software development
- Mixed Martial Arts
- Electronic Technology

### **1.3.2 Technical Skills:**

- C++
- Java
- C#
- MySQL
- SQLServer
- MongoDB
- PHP
- HTML,CSS
- XML
- Javascript and JQuery
- Visual Basic

### **1.3.3 Relevant Past Experience:**

I have experience in XML and C# /Java which I should benefit from for this project. Although I personally don't have much experience with a Data Lake, and how it works, I am very excited to gain an understanding of it as well as learning all the technologies and strategies that goes along with it.

### **1.3.4 Non- Technical Strengths:**

- Hard Worker.
- Friendly and easy to work with.
- Perseverance
- Work well in a team and alone.
- Self-motivated.
- Motivating others.

### **1.3.5 Why I chose this project:**

I personally chose this project, because I have a desire to learn more about real world IT problems/challenges and how to provide a solution for it. I am at the point where I'd like to apply what I've learned so far as well as to learn more as I do so. I believe choosing RMB's project is one of the best options, because you are a respected and well-known company/bank.

## **1.4 Kgomotso Sito**

### **1.4.1 Interests:**

- Soccer
- Web programming
- Gaming
- Listening to music
- Reading

### **1.4.2 Technical Skills:**

- Programming
- Monitoring
- Operations and systems analysis
- Mathematics
- Computer and electronics
- Complex problem solving
- Active listening
- Agile methodology
- Experienced with emerging

### **1.4.3 Relevant Past Experience:**

2013 Present: vacation work with Interfront, designing customs using agile development, and did ICT support.

Experienced HTML, XML, SQL and even mongoDB and other emerging technologies studied during my course in the university

### **1.4.4 Non- Technical Strengths:**

- Curiosity
- Teamwork
- Communication skills
- Cultural fit
- Responsibility and initiative

#### **1.4.5 Why I chose this project:**

I enjoy both concurrency and web programming, combining the two, gives me an opportunity to make use of the skills I have learnt and at the same enjoy the experience. Which makes this an ideal project, not only for me but also the team. My team also shares this interest and/or view, of which is very important going forward (project development)



## 2 Project Execution

A release will be delivered to the client on a frequent basis, and so the clients availability is very crucial during the development phase. This is done to keep us (the developers) and the client on the same wavelength, with regards to the scope and changes to requirements and this also encourages progress.

The team will work together most of the time, at times separately depending on the work load and how work is divided. The project is web-based and so HTML for obvious reasons will be used, together with the other technologies e.g. mongoDB, javascript, ajax, nodeunit and others depending on the development process.

We promise fully functional working system, a better system than the one initially requested. The client will be happy and welcoming to the system, as they were involved throughout the development process.