UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Department of Computer Science

Tender

Project: DropOff

Client: Gavin Potgieter

Team: CodeBlox

Tshepo Malesela (Bsc: Computer Science)

Lethabo Mogase (Bsc: Computer Science)

Lorenzo Spazzoli (Bsc: Computer Science)

Bilal Muhammad (BIS: Multimedia)

Dirk de Klerk (BIS: Multimedia)

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1 The Team

Each team member possesses a wide variety of skill sets and characteristics that will ultimately contribute to the success of this project. All of our members work well together and are diligent in their work. We as a team take deadlines rather seriously and strive to deliver high quality work well before final submission dates.

1.1 Tshepo Malesela

1.1.1 Interests

1.1.2 Technical Skills

1.1.3 Past Experiences

1.1.4 Non-technical Strengths

1.1.5 My motivation for wanting to do this project

1.2 Lethabo Mogase

1.2.1 Interests

1.2.2 Technical Skills

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1.2.4 Non-technical Strengths

1.2.5 My motivation for wanting to do this project

1.3 Lorenzo Spazzoli

1.3.1 Interests

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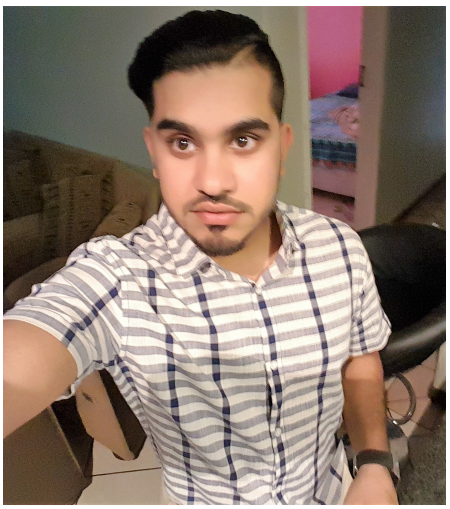
1.4 Bilal Muhammad



1.4.1 Interests

I have always been passionate about programming and creating innovative technology that has not been seen before. I enjoy playing cricket, singing and cooking. But most of all I like experimenting with different viruses and finding ways to break code.

1.4.2 Technical Skills

I am equipped with the knowledge of the following languages and technologies - C++, Java (EE), PHP, JavaScript, HTML and CSS, Assembly x64 and MySql/PostGres.

1.4.3 Past Experiences

I am currently working for the CS department as a tutor for a C++ module, where I create assignments and memos. I was also part of the Integration(High level) team for the Mini Project that we successfully completed this year. I am also currently doing a networking course which I think will be helpful for this project

1.4.4 Non-technical Strengths

I have always been a strong candidate for leadership positions, mainly because I am understanding and can find reasonable solutions easily. My communication skills are solid which makes me a strong team player.

1.4.5 My motivation for wanting to do this project

This is my passion - creating innovative technology. "The difference between the impossible and the possible lies in a person's determination."

1.5 Dirk de Klerk

1.5.1 Interests

1.5.2 Technical Skills

1.5.3 Past Experiences

1.5.4 Non-technical Strengths

1.5.5 My motivation for wanting to do this project

2 Project Execution

2.1 Development Methodology

The Methodology that will be used in this project is the Agile Methodology. We as a group feel like this methodology will be the most faulure and fault proof way to go. In this methodology, we intend to follow the the Spiral process because in this way we can adopt elements from other process models such as waterfall, incremental and evolutionary prototyping.

As a group we decided on the spiral process model because in this project decisions will be made on how to implement the functionality and architecture. With the spiral process model we will choose the safest options that will yield the best results. There is high risk analysis with this process model, and it is the prefered choice for many large and mission critical projects therefore it will suit our project well as it is large too.

The spiral process model also has great features such as the ability to add extra functionality at a later stage in the project. This will porbably be the case as the project progresses, we will most probably add extra functions and helper functions as the project moves along.

2.2 Developer/Client Communication

2.3 Technical Challenges

2.4 Technology Stack

2.5 Deliverables

3 Conclusion

Should you require any further information, feel free to contact our team lead, Bilal Muhammad on:

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We are extremely excited to be working on this project and also look forward to be working with you.