



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

DEPARTMENT OF COMPUTER SCIENCE

TENDER

PROJECT: DROP OFF

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

1.2.3 Past Experiences

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

1.3.2 Technical Skills

1.3.3 Past Experiences

1.3.4 Non-technical Strengths

1.3.5 My motivation for wanting to do this project

1.4 Bilal Muhammad



1.4.1 Interests

1.4.2 Technical Skills

1.4.3 Past Experiences

1.4.4 Non-technical Strengths

1.4.5 My motivation for wanting to do this project

1.5 Dirk de Klerk



1.5.1 Interests

I have a great fondness for music and practice the electric guitar when I get the chance. I also enjoy exercise, cooking, and spending time with family and friends.

1.5.2 Technical Skills

I consider myself to be a descent programmer, I also have an eye for aesthetic design. Languages include: Java, C++, Javascript, PHP, Assembler64, XML, SQL, and HTML.

1.5.3 Past Experiences

I gained some experience during the mini-project of Software Engineering, where I was part of the integration team. This gave me good exposure to the Java ecosystem as well as a basic understanding of how layered systems work.

1.5.4 Non-technical Strengths

I am a very ambitious person, that works very diligently, paying close attention to details. I also consider myself to be a natural leader and work well in teams.

1.5.5 My motivation for wanting to do this project

My main interest in this particular project, is the technologies that I will get to work with. I am always looking to challenge myself and discover new ideas.

2 Project Execution

2.1 Development Methodology

The Methodology that will be used in this project is the Agile Development Process. We as a group feel like this methodology will be the most failure and fault proof way to go. In this methodology, we intend to follow 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 preferred choice for many large and mission critical projects, therefore it will suit our project well.

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 probably be the case as the project progresses.

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.