



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

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## PROJECT TENDER

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PROJECT

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ARDANEARCADE

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CLIENT(S)

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TONY VD LINDEN

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TEAM: TERABITES

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TEAM MEMBERS

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Christiaan Nel  
Dzilafho Mulugisi  
Eltom Tom  
Gershom Maluleke

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF  
PRETORIA  
May 1, 2016

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## TEAM MEMBERS

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Name: Christiaan Nel

Email: u14029368@tuks.co.za

Phone: 0728359073

Field: BSc IT

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## INTERESTS

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## TECHNICAL SKILLS

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PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE  
PROJECT

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NON-TECHNICAL STRENGTHS

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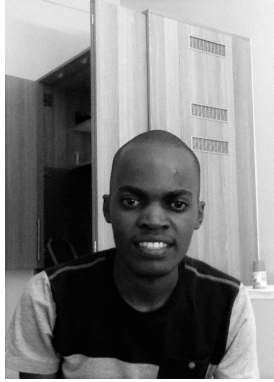
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WHAT MAKES YOU WANT TO DO THE PROJECT

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Name: Dilafho Mulugisi

Email: u13071603@tuks.co.za

Phone: 0798056530

Field: BSc Computer Science

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## INTERESTS

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## TECHNICAL SKILLS

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PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE  
PROJECT

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NON-TECHNICAL STRENGTHS

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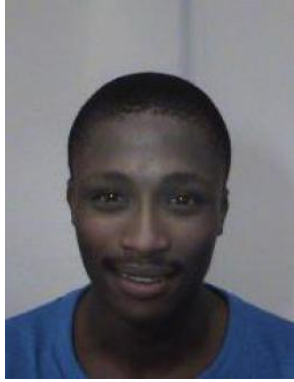
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WHAT MAKES YOU WANT TO DO THE PROJECT

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Name: Elton Tom

Email: u13325095@tuks.co.za

Phone: 074 902 1879

Field: BSc Computer Science

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## INTERESTS

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- Solving problems
- Web programming
- App development

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## TECHNICAL SKILLS

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- C++ and Java skills
- Solving problems
- Front-end (HTML, CSS, JavaScript/JQuery) and back-end (PHP, MySql) development skills

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PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE  
PROJECT

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NON-TECHNICAL STRENGTHS

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- Working under pressure
- Working within a group
- Clear and concise communication
- Intellectual curiosity

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WHAT MAKES YOU WANT TO DO THE PROJECT

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Name: Gershom Maluleke

Email: u13229908@tuks.co.za

Phone: 0846440171

Field: BSc Computer Science

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## INTERESTS

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- Programming(Application, Game and Web development)
- Technology and Gamming
- Travelling, hiking, Soccer, volunteering, Boxing, Cricket

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## TECHNICAL SKILLS

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- Languages: C, C++, Java, Python, Delphi, SQL, HTML, JavaScript, PHP, AJAX, JSON, CSS3 Test Driven Development (TDD), Teamwork
- Tools: JBuilder, Dreamweaver, Rational Rose, UltraEdit, BorlandC++Builder, Oracle SQL\*Plus
- Operating systems: Windows, Linux, Mac OS X.



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## PAST EXPERIENCE WHICH MIGHT BE RELEVANT FOR THE PROJECT

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## NON-TECHNICAL STRENGTHS

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- Willingness to research
- Teamwork mentality
- Ability to handle failure
- Ability to plan
- Problem solving skills

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## WHAT MAKES YOU WANT TO DO THE PROJECT

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- I am eager to learn and stay up to date with new innovations and IT related products. I am a confident, energetic young person, seeking an opportunity to expand my horizons. I don't mind putting in the extra effort and time, until the problem is solved, which also makes work under pressure well. I am able to adapt to different environments, and learn to use new technology, programs, and programming languages well. I prefer to start working earlier than leaving it for last minute; however I can work under pressure as well. I am a hardworking and dedicated student who loves a challenge and works well under pressure.

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## PROJECT EXECUTION

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## DEVELOPMENT METHODOLOGY

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## KEEPING THE CLIENT INFORMED

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## INITIAL IDEAS

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## TECHNOLOGIES

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- HTML and JavaScript for the front end functionality for both the browser and game application as this technology can be wrapped to run on a tablet device.
- For backend functionality we intend to use java or Node.JS
- For data persistence we intend to use PosgrSQL

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## WHAT THE CLIENT WILL RECEIVE AT THE END OF THE PROJECT

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- All source code
- Documentation related to the implementation
- Working implementation
- Unit Testing