Project Tender

Project: Ironman Image Throw Thingy
Client: CSIR

Team: Anarchy
Edwin Fullard 12048675
Jaco Bezuidenhoudt 11013878
Jandre Coetzee 10693077
Maret Stoffberg 11071762
Ryno Pierce 12003922
Department of Computer Science, University of Pretoria

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1 The Team

1.1 Edwin Fullard

Edwin Reece Fullard

- Interests

    - Problem Solving (puzzles, riddles, complex scenarios, etc.)
    - Web Development
    - Working with programmable devices
    - Outdoors (Camping, Nature, etc.)

- Technical Skills

    Java, C++, C#, Python (a bit), HTML, Javascript, PHP and Linux.

- Past Experience

    I Created a few websites and played around with coding in my spare time, but didn't do something for a client before.

- Non-technical Strengths

    I am very creative and good with problem solving. I also like to think of myself as a people person and I was told that I can be funny.

- Motivation for Project

    The concept of making the functions we only dream of and see in the movies a reality, really excites me and I would love to contribute my innovation and creativity to the project.

1.2   Jaco Bezuidenhoudt

Jacobus Bezuidenhout

- Interests

  - Arduino
  - Internet of Things (IoT)
  - Electronics
  - Remote Monitoring
  - I like tracking things remotely and programming interaction with hardware.

- Technical Skills

  C, C++, Python, NodeJS, HTML(+js), Arduino and Microprocessors, PCB Design and Linux.

- Past Experience

  I have created a few websites from scratch, and I'm currently hosting them on a VPS in Amsterdam, New York and London. My company is working on an animal tracking solution for the past 6 months. I also give training on the Intel Edison platform and electronics for Intel clients.

- Non-technical Strengths

  I have good presentation and people skills, and I'm good with finding creative solutions.

- Motivation for Project

1.3 Jandre Coetzee

Johannes Adriaan Coetzee

- Interests

    - Computer Security
    - Web Development
    - Android Application Development
    - Computer Graphics

- Technical Skills

    Java, C, C++, HTML, JavaScript, PHP, Python(the basics), SQL
    and Linux

- Past Experience

    I have done several project during my time at the University. Most
    of the projects was done in Java. I have not yet done a project
    for an external client.

- Non-technical Strengths

    I like to solve problems in a creative manner and I am a fast
    learner. I am a easy person to work with and work well in groups.
    I am able to communicate effectively with people I work with.

- Motivation for Project

    Creating an application which can throw images on the big screen
    sounds fascinating. I would like to contribute to this project in a
    creative way and make it a reality.

1.4 Maret Stoffberg

Margaret Stoffberg

- Interests

    - Web Development
    - Music Recording
    - Producing and Mastering
    - Design
    - Mathematics
    - Crafts

- Technical Skills

    Java, C++, PHP, Javascript, HTML and Linux.

- Past Experience

    Building websites for clients.

- Non-technical Strengths

    I have good people skills and I'm very creative.

- Motivation for Project

    It looks interesting to work with the techologies and I want to creatively explore the possibilities of everyday devices.

1.5 Ryno Pierce

Ryno Casper Pierce

- Interests

    - Games Development
    - Web Development
    - Android App Development

- Technical Skills

    PHP, HTML, Javascript, Java and C++.

- Past Experience

    I have done a lot of Java programming for University projects, and have created some websites for external clients.

- Non-technical Strengths

    - Analytical thinker
    - Logical thinker
    - Great communication skills
    - Teamwork
    - Tenacity

- Motivation for Project

    Being able to create a system that is present in science fiction would be a dream and thus this project is perfect for that dream to come true.

2 Project Execution

- Development Methodology

- Progress Reporting

- Initial ideas around technical challenges

- Potential Technologies

- Outcome of the Project