



Retro Rabbit



Valknut Solutions

Project Tender
30/04/16

Insurance Profiling



	Quinton Weenink	Bernhard Schuld	Kevin David Heritage	Charl Jansen Van Vuuren
Degree	BSc IT Software Development	BSc IT Software Development	BSc IT Software Development	BSc IT Law
Skills	PhoneGap Ember.js Git RFID Software Development	Web development Software Development Git UX Angular	Android Studio PhoneGap Git AI UX	Web development Cyber law Git BitCoin Postgre
Interests	Networking Unix Computer Science Security	AI Web development Music Gaming	Mobile Dev Productivity Apps Unix Travel	Cryptography Augmented reality Computer Science Music
Strengths	Enjoy learning	Open-minded	Creative	Persistent



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Valknut Solutions

Valknut Solutions are a team of excited Software Developers looking to produce new and exciting software. With a willingness to learn and to constantly push the boundaries of software development, we aim to help our client achieve their goals to the best of our ability.

The following are the development tools that we currently have experience with but we are not afraid to learn and use new ones.

Higher level languages

Java C++ C C# Delphi

"Script languages"

JavaScript Perl Python Bash SQL PHP

Design & Documentation

LaTeX MagicDraw MSPublisher JavaDoc

Experience as a team

Web Development UX Distributed Systems Networks
Mobile Development



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Charl Jansen van Vuuren

currently tutoring for INF 214 (Database systems)

“Social media has seen a huge growth in the last 5 years and developing a system based on this form of media is fascinating and can lead to some interesting application.”

Additional Skills:

✓ Postgre



Bernhard Schuld

intern at Consulta Research (IT department)

“The Insurance Profiling project is one of only a couple of projects that interested me. It seems like a challenge that I would enjoy. “

Additional Skills:

✓ Sound Engineering



Kevin David Heritage

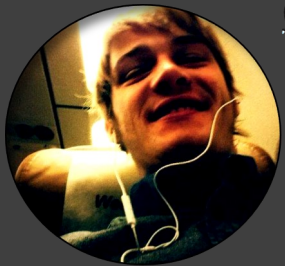
worked for Paradigm Data in the past

“Most people are extremely active on their social media (especially on Facebook). This project seemed particularly interesting as it gathers information from a source where the customer willingly gives all of this information without feeling obligated to do so.”

Additional Skills:

✓ Android Studio

✓ Xamarin



Quinton Weenink

works part-time for SynerTech (Pty) Ltd

“Considering the things that most people post on their social media accounts I think that much more than insurance profiling can be done. Lets hope that we can make this modular enough so that, with a few configuration changes, it can also provide other interesting information.”

Additional Skills:

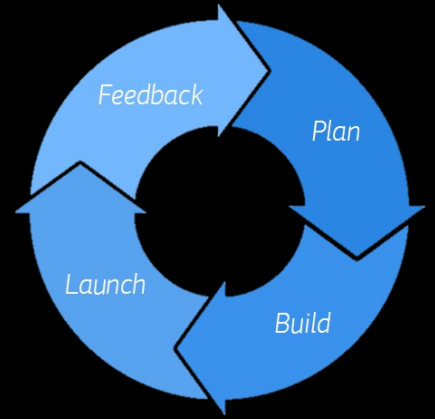
✓ Microcontrollers

✓ RFID



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We intend to follow the **Agile** Development strategy as recommended by the client. Agile allows incremental integration and development, to foresee any problems which might arise. The developmental cycle of the methodology is divided into "sprints", at the end of each sprint a working model is expected. Through iterative revision for each lifecycle (Planning, Development, Testing, Deploying), any problems or changes to the direction of the project can be implemented in the next sprint. An example includes a bi-weekly meetings with the client, the overall goal might change, as a result agile caters for the future implementation and changes.



As per the client project proposal, weekly or bi-weekly meetings will be held to "promote good and healthy software engineering practices". These meetings will provide progress updates to the client and give insight on what is expected at the end of our next sprint and what goals need be achieved.

As a starting point we will research the Facebook API which is used for data gathering, as this forms a critical part of the project. We will meet with the client's expert to establish what qualitative information might further be used in the fine-tuning of a risk profile.



Deliverables

Any deliverables required that is not mentioned in the project proposal will be provided as per request. We look forward to developing a project for Retro Rabbit.

The following are the development tools that we currently have experience with but we are not afraid to learn and use new ones.

Backend



Testing



or



Functional & Architectural requirements & designs



Building & Deploying



Web

or



ValKnutSolutions



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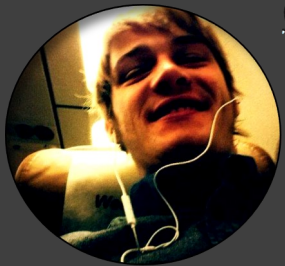
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