Herman Willem Keuris

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(Photo)

**Interests:**

My two greatest interests are music and IT (especially Artificial Intelligence, Web design and multimedia orientated software).

**Technical Skills:**

Experienced in coding in the following languages/mark-ups/standards:

C, C++, Java, Python, Delphi, HTML, CSS, XML, JavaScript, JNode, PHP, AJAX, JQuery and MySQL

Experience in working in the following fields:

* Operating Systems
* Networks
* Web Systems (server- and client side processing)
* Database management

**Relevant experience:**

I have experience in designing and implementing websites. I work well with HTML, CSS, XML (to style the website) and JavaScript, PHP, AJAX, JQuery and JNode (to handle all client- and server side processing).

**Non-technical strengths:**

Work well in group settings.

Hard working.

Practically orientated (like to plan out things in advance rather than progressing without clear goals or expectations).

Good at abstracting complex data systems into more understandable and manageable segments.

Quick learner.

**Why I want to do this project:**

I am very interested in programs associated with social media (e.g. social networking) and designing websites.

**Project Execution:**

**Methodology:**

We will be making use of the agile development methodology.

**Client communication:**

We will be kept in constant contact with client in the form of emails, sms’s, WhatsApp messages and in person meetings every few weeks (these meetings will be more frequent during the implementation phase). We will also make a GitHub repository available so that any interested party can keep tabs on our progress.

**Initial ideas:**

**Technologies:**

The app will be developed using:

* a Linux environment
* Eclipse IDE
* Laravel MVC framework
* Vagrant virtualization manager
* MySQL database
* GitHub

All source code will be coded in PHP and JavaScript.

**Final product:**

The final product will have the following functionality:

* Login functionality: Must be able to login, logout and signup a user; reset a user’s password, edit a user’s email address and verify the user’s information (i.e. password and email address).
* Club page: A page where a school/club can post and edit information about themselves, upload logos and photos, post on a wall, create links to events, provide team information and important locations (e.g. school).
* Events page: Showing information on matches and special events. The information displayed includes teams, date/times, scores, status’s (e.g. yellow/red card, injured, etc.) and reports.
* Player pages: Pages for each individual player with links to events (e.g. matches played), personal details and statistics, pictures and videos.
* Coach pages: Pages coaches can use to organise their teams. Allows them to set their team, view player- and events pages.
* Location pages: Includes GPS location, information on the venue, parking arraignments, event schedule for the day, photos of the location.
* Admin function: Allow admin users to: create, edit, deactivate and grant privileges to users, create and edit pages, the ability to grant the right to edit specific pages to any specified user, and access to basic statistics.