Software Hut Project Bid

**Group name:**

**First choice project bid:**

* 7. Java-script & JSON route editor for a climbing guidebook website

**Backup project choices:**

* 2. Android Customer Feedback App
* 4. Buffered screen capture tool

**Team members, their rolls and skill sets:**

* **Emmanuel Onah (Analysis and requirements manager)**
* **James Wright (Documentation manager)**
* **Sebastian Hilton (Programming co-ordinator):**

**An amateur climber and a keen programmer in Java.**

**Project Description:**

client: Ryan Brookes

An open-source project building a collection of user-editable climbing guides requires an easy to use Javascript-based way for its users to add, edit and manage overlays of routes on photos. The editor should have two modes - read and edit. The read-only mode should overlay the route line, and display hover-over information (e.g. route grade and name). Edit mode is more interactive, and needs to allow the user to add and move parts of the drawn route, add belay markers, etc. Once the user clicks 'save' the route data should be posted back to the server. Server-client communication is done using JSON and REST APIs.

**Suitability for project:**

Our group is enthusiastic about the concept of this project as it involves working with an array of individuals. We are also quite excited about working with our client, Ryan Brooks as he has been described to us as an experienced developer that will be able to assist us in this project.

We have looked into how the project would be implemented and we have already come up with some ideas for the implementation of this. This does however depends on the exact requirements of our client, but at the moment we have discussed the possibility of a build in java application which allows users to upload images and add pointers to these.