

## **Assignment 1**

### **Secure customization of a content management system.**

**50%**

Media Fuzion is a company that manage and publish media content for a range of small to medium size companies. Media Fuzion wish to establish a relationship with a software house to allow them to build exciting new web applications.

A large percentage of Media Fuzion content is published using WordPress sites, they wish to explore the process of accessing / manipulate data from existing WordPress sites and combine with other 3<sup>rd</sup> party API offerings.

For example

Media Fuzion – has a client that has a content management system built around physio lead personal training – they would like to take the account information set up on this system and start to explore the idea of expanding the functionality available to their clients – so that the system can record/offer individual training packages. They would also like to see additional add on – e.g. the option to read text to clients – using external 3<sup>rd</sup> party API's

Media Fuzion are currently inviting companies to tender for such projects.

Round one off the tendering process requires

- A tendering document that will
  - Give a detailed architectural solution for such customizations.
  - Defend the proposed solution.

(10 marks)

- A software application that will provide the proof of concept for the proposed solution.

(40 marks)

You are required to complete this tender.

Tenders are due Wednesday the 3<sup>rd</sup> of November

tender document uploaded to Moodle.