CrowSoft Technologies

**Project Management**

**Jira:**

CrowSoft project has been created

Project tasks to be discussed, estimated and tracked.

**Environment and automation tools**

These technologies are being proposed based on current course work.

To be discussed and agreed for inclusion on the project

Importance and sequence to be decided.

* VMs – running Ubuntu 16.04
* Server – Apache2
* Application Language – C#
* Ansible – run ssh connections to run configuration tasks – Python based

Alternative use shell scripting

* Jenkins – create VM install OS with Jenkins instance
* Github account has been created –
* Artifactory jfrog – repository to store application artifacts executables
* Testing – Nunit / Selenium
* Application error handling
* Application logging -- log4net
* Security implementation for user/information stored

**Functional Requirements:**

Confirm requirements with product owner

* User logs in
* User adds files
* User adds images
* User queries the system (analysis features)
* Validation on information provided
* Security on information provided

**Links:**

<https://studentjira.lyit.ie/projects/CSOFT/issues/CSOFT-2?filter=allopenissues>

<https://github.com/rlennon/CrowSoft>

<https://git-scm.com/docs> -- useful reference link

<https://www.owasp.org/index.php/OWASP_Proactive_Controls> - security info