

# Project Specification

# Version 2.0Document Change Log

A log of all changes made to this document are record here:

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| Version | Date | Comments |
| 1.0 | 01/08/2011 | Document Created |
| 2.0 | 07/02/2013 | Document edited for new branding |
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| **Project Specification**  **[INSERT PROJECT REFERENCE]** | | | |
| **Project:** Lab Management System | | **Date of Issue:**03/05/16 | |
| Brief Description:  Dr James Nicholson has approached Informatics Centre with a requirement to create a web based lab management system that will store and organise equipment documentation, along with allowing the logging of opperational faults and feedback. The system is to be accessible on all network enabled devices. | | | |
| **Client:**  Dr James Nicholson, Lab Manager at The University of Chester’s Thornton Scince Park campus. | |  | |
| **Project Team** | | | |
| Project Manager: Jack Wilson | | | |
| Project Developer: Andrew Elliott, Amy Oldfield, Jack Wilson | | | |
| **Acceptance:**  I accept the project specification above and attached and the supply of the University of Chester's services in respect of the project subject to its Conditions of Contract for the Supply of Services  Any change or deviation to the work agreed in this document will be subject to prior mutual agreement, and may be subject to additional cost. | | | |
| Client | Name: Dr James Nicholson | | Date: |
| Signature: | |
| Informatics Centre Manager  On behalf of The University of Chester Informatics Centre | Name: Adam Hughes | | Date: |
| Signature: | |

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| **Scope** |
| Functional Specification (what the system will do) The web application will have the following sections   * Intuitive UI * The uploading of document / information * Incident / fault log (for all students and staff use) * Display information about systems and procedures * Accessible on any network machine * Restricted areas of system for faculty only * Contact email form (with specific email address made for recipient) |
| Creative Specification (look and feel)  * Use of CSS for design * Use of images of machinery and students for aesthetics * Display information in a coherent and accessible way * May consider the WCAG guidelines * Valid HTML and CSS * Validation controls on forms * Has to be accessible on all major browsers (and older versions of those browsers) * Has to be accessible and responsive for different screen resolutions. * FAQ section |
| System Architecture (Tools, Technologies, Languages and Versions)  * HTML5 * CSS3.0 * C# * ASP.NET 4.5.2 * Visual Studio 2015 * GitLab * SQL Server 2014 * Bootstrap * W3C Validators * WCAG Guidline Validators 2.0 (AA) |
| Standards Compliance The website will strive to comply with the standards defined by the World Wide Web Consortium (W3C). This includes validation to XHTML strict and meeting W3C Accessibility Guidelines Priority 2. Where possible we will also strive to meet W3C Accessibility Guidelines Priority 3 however for technical reasons this may not be possible. |
| Includes Advice will be provided toward the end of the project on a suitable place to host the website. The Informatics Centre is able to offer website hosting at a very reasonable rate and details of this will be forwarded – if this option is taken the website will be deployed free of charge however if you wish to employ another host the site will be provided on CD-Rom and the client may then deploy the site a different hosting provider.  Support will be provided for 6 weeks after completion of the website and it is anticipated that the client will identify any issues with using the website, or its functionality during this period.  The system will undergo stringent testing prior to deployment in line with the Informatics Centre testing procedures.  Full user documentation will be provided on completion of the project to assist the client with using the system. |
| Excludes The cost of hosting the website will be met by the client.  There will be no ongoing support for the website following the initial 6 week launch phase. If additional support is required this must be discussed as a separate project with the Informatics Centre. |

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| **Outline Deliverables** A prototype system will be delivered in accordance with the deadline specified below. This will be discussed at a meeting arranged with the client.  The completed system will be made available at a URL which will be available to the client from a remote location.  The completed system will be supplied on CD-Rom and, if the client has elected to purchase hosting provided by the Informatics Centre, will also be uploaded to the hosting package. | |
| Prototype System | Date: 20/05/16 |
| Completed System | Date: 03/06/16 |
| Approved System | Date: 17/06/16 |

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| **Related projects** N /A |

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| **Constraints** |
| Budget This project will be delivered for £0 |
| Regulatory All data stored on the website will be held in a secure database in line with the Data Protection Act 1998. |

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| **Assumptions** It is assumed that the client will provide any content required within a reasonable time scale which is coherent with the agreed delivery dates.  It is assumed that the Specification will be signed and returned within 1 week of the latest amendment date, in order for development to be completed in time. Any delays may result in the delivery dates being pushed back. |