



eCert WORK PACKAGE

Before completing this template please note:

- *The Project Management Guidelines have detailed instructions for preparing project plans and work packages..*
- *Please expand tables as appropriate.*
- *Fill in the information for the header, e.g. project acronym, version, and date.*
- *Text in italics is explanatory and should be deleted in completed documents.*

WORKPACKAGES		1	2	3	4	5	6	7	8	9	10	11	12
1: Demonstrator Requirements and Specification													
2: Demonstrator Design													
3: Code Library and User Interface													
4: Demonstrator Production													
5: Concept Validation													
6: Reflective Report and System Documentation													

Project start date: 4th Jan 2010

Project completion date: 17th Dec 2010

Duration: 12 months

Project Acronym: eCert
Version: 1.0
Contact: Lisha Chen-Wilson, Learning Societies Lab, University of Southampton. lcw07r@ecs.soton.ac.uk
Date: 2nd March 2010

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
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				Milestone	Responsibility
YEAR 1					
WORKPACKAGE 1: Demonstrator Requirements and Specifications <u>Objective:</u> Undertake the required analysis of the problem domain	4th Jan 2010	28th Feb 2010	Establish and validating the necessary use case scenarios , ensure a good fit with the ePortfolio Framework, and draw up a specification for the demonstrator based on an agile approach and a suitable code library	Requirements analysis and specifications on the project website	Lisha Chen-Wilson
1. Establish and validate the necessary use case scenarios	4th Jan 2010	31st Jan 2010	Use case scenarios	Use cases on the project website	Lisha Chen-Wilson
2. Draw up a requirements analysis for the demonstrator	1st Feb 2010	28th Feb 2010	Requirements analysis	Requirements on the project website	Lisha Chen-Wilson
WORKPACKAGE 2: Demonstrator Design <u>Objective:</u> Design the documentation for the demonstrator	1st Mar 2010	31st Mar 2010	Taking the agile approach suggested by FREMA, produce the web-based documentation .	Design documentation on the project website	Lisha Chen-Wilson
3. Design appropriate UML diagrams for use cases, service responsibility and collaboration, sequence	1st Mar 2010	12th Mar 2010	UML diagrams (Use cases, Service Responsibility and Collaboration diagrams, Sequence)	UML diagrams on website	Lisha Chen-Wilson
4. Investigate required tools for the demonstrator	15th Mar 2010	21th Mar 2010	Requirements for the various tools in the toolkit	Tool requirements on website	Lisha Chen-Wilson
5. Make test plans for the system as a whole and the individual tools	22nd Mar 2010	31st Mar 2010	Test plans for the system as a whole and the individual tools	Test plans on website	Lisha Chen-Wilson

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YEAR 2					
WORKPACKAGE 3: Code Library and User Interface <u>Objective:</u> produce a code library and develop user interfaces	1st Apr 2010	30th Jun 2010	Code library to be used as the basis for the demonstrator	The code library and web-based user interfaces made publicly available	Tao Guan
6. Build the code library	1st Apr 2010	18th Jun 2010	Code library	Code library on website	Tao Guan
7. Design and develop web-based user interfaces based on the code library	1st Jun 2010	30th Jun 2010	Web-based user interface	Web-based user-interface on website	Tao Guan
WORKPACKAGE 4: Demonstrator production <u>Objective:</u> build the eCertificate demonstrator, document the software design and development	1st Jul 2010	31st Aug 2010	With significant effort having been invested in the planning, design and code library phase of the project, it is expected that the development of the demonstrator will be straight-forward. The demonstrator will be made available through the interface on the project website	eCertificate demonstrator	Tao Guan
8. Developing the eCertificate demonstrator	1st Jul 2010	15th Aug 2010	demonstrator	Demonstrator on website	Tao Guan
9. Testing the demonstrator initially	16th Aug 2010	31st Aug 2010	Test results	Test results in draft form ready for report	Tao Guan
10. Documenting the software design and development	1st Jul 2010	31st Aug 2010	Software documentation , draft report content	Software documentation on website	Tao Guan

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<p>WORKPACKAGE 5: Concept Validation</p> <p>Objective: test the eCertificate concept and evaluate whether the specifications can be met in terms of usability, availability, confidentiality, integrity and user-centricity</p>	1st Sep 2010	30th Oct 2010	Once the demonstrator is produced, the eCertificate concept can be tested to ensure that it meets the specifications	Records of experimental results	Lisha Chen-Wilson
11. Testing the eCertificate concept on the basis of the demonstrator produced	1st Sep 2010	15th Oct 2010	System test results for usability, availability, confidentiality, integrity and user-centricity.	Test results made available through blog and wiki	Lisha Chen-Wilson
12. Publishing the testing results via the project reporting mechanisms	1st Sep 2010	30th Oct 2010	Published results	Results incorporated into draft report	Lisha Chen-Wilson
<p>WORKPACKAGE 6: Reflective report and system documentation</p> <p>Objective: wrap and disseminate the project results</p>	1st Nov 2010	17th Dec 2010	The final workpackage ensures that. The final documentation will be published on the project website, and the project outcomes made known through the usual routes of conferences and SIGs	Reflective report and system documentation	Lisha Chen-Wilson, David Argles
13. Documenting the project results	1st Nov 2010	3rd Dec 2010	The project results will be thoroughly reviewed and published via the project final report . This includes documentation for the demonstrator itself.	Final project report on website	Lisha Chen-Wilson
14. Disseminating the project results in an ePortfolio or AIM conference, workshop or SIG	1st Nov 2010	17th Dec 2010	The project outcomes will be disseminated through a paper at a suitable conference, workshop or SIG	Conference paper or workshop delivered	Lisha Chen-Wilson

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15. Publishing the final documentation on the project website	1st Nov 2010	17th Dec 2010	The final documentation will be published on the project website	Final documentation on website	David Argles