



WORKPACKAGES	Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1: Amended Server Software		x																							
2: Project Website		x																							
3: Web Service Design				x																					
4: Consumer Design				x																					
5: Web Service Software							x																		
6: Consumer Software								x																	
7: Final Reports								x																	

Project start date: 01-09-2004

Project completion date: 31-03-2005

Duration: 7 months

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
<b>WORKPACKAGE 1: Amended Server Software</b>					
<i><u>Objective:</u> Extend the Server software to enable universal deployment</i>					
			<ul style="list-style-type: none"> <li><b>Server Software.</b> The existing Server software will be adapted to allow universal use. The software will be uploaded to the Sourceforge.net project area and the project website (when available).</li> </ul>		
1. Alter Server Software to allow easier configuration and deployment	01/09/2004	03/09/2004		<b>Y</b>	IG
2. Upload to Sourceforge.net project area	02/09/2004	03/09/2004			IG
<b>WORKPACKAGE 2: Project Website</b>					
<i><u>Objective:</u> Develop Website regarding the project</i>					
			<ul style="list-style-type: none"> <li><b>Project Website.</b> The existing project website (eel.hud.ac.uk) will be adapted to comply with JISC rules and updated to include areas for storing project documents and source code.</li> </ul>		
3. Develop website informing JISC community about the project	01/09/2004	14/09/2004			ZX
4. Update website with progress reports and developments	14/09/2004	ongoing			GH, IG, ZX

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
<p>WORKPACKAGE 3: Web Service Design</p> <p><i><b>Objective: Produce design for the Web Service to be implemented</b></i></p>			<ul style="list-style-type: none"> <li>• <b>Web Service Design Documents.</b> UML documents showing the structure and functionality of the Web Service and interactions with the Server. WSDL document showing the public interface to the server functionality.</li> </ul>		
5. Design Web Service	01/09/2004	30/11/2004		<b>Y</b>	IG
<p>WORKPACKAGE 4: Consumer Design</p> <p><i><b>Objective: Design Service Consumer functionality and User Interface (UI)</b></i></p>			<ul style="list-style-type: none"> <li>• <b>Service Consumer Functional Design.</b> UML diagrams showing the functional aspects of the Consumer and interactions between the Consumer and Web Service.</li> <li>• <b>Service Consumer Interface Design.</b> Layouts of potential interfaces for the Consumer will be created and one selected for development as an example.</li> </ul>		
6. Design functionality of Service Consumer	14/09/2004	31/11/2004		<b>Y</b>	IG, ZX
7. Design suitable Interface for example Service Consumer	14/09/2004	15/11/2004		<b>Y</b>	ZX

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
<p>WORKPACKAGE 5: Web Service Software</p> <p><i><u>Objective: Develop Web Service Software</u></i></p>			<ul style="list-style-type: none"> <li>• <b>Web Service Software.</b> The actual software for the Web Service. The source code will be uploaded periodically to both the project website and Sourceforge.net The development of the Web Service requires completed design documentation to be available.</li> </ul>		
8. Develop Web Service according to previously developed design	01/11/2004	14/02/2005		<b>Y</b>	IG, ZX
9. Test Web Service using Unit testing and Stress testing.	25/11/2004	14/02/2005			IG,ZX
10. Upload Web Service source code to Sourceforge.net	14/11/2004	14/02/2005			IG

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
<p>WORKPACKAGE 6: Consumer Software</p> <p><u>Objective: Develop Service Consumer</u></p>			<ul style="list-style-type: none"> <li>• <b>Service Consumer Software.</b> The software for the user interface to the system. The source code will be periodically uploaded to the project website and Sourceforge.net. An implementation of the system will be made available to interested parties via the project website.</li> </ul> <p>The development of the consumer requires the completion of the relevant design documents and a basic implementation of the Web Service software to make a connection.</p>		
11. Develop Service Consumer according to design documents	01/12/2004	15/03/2005		Y	IG, ZX
12. Test using small sample of users	10/02/2005	15/03/2005			IG, ZX
13. Upload Service Consumer source code to Sourceforge.net	14/12/2004	15/03/2005			IG

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
<p>WORKPACKAGE 7: Final Reports</p> <p><u>Objective:</u> Produce reports about project</p>			<ul style="list-style-type: none"> <li>• <b>Completion Report.</b> Summary report giving details on the progress of the project and outcomes.</li> <li>• <b>Final Report.</b> Detailed documentation providing full details of the project, outcomes, significant events and other information for the community.</li> <li>• <b>Developmental Findings Report.</b> Technical report into the development process, successes, problems, suggestions for further development and conclusions on the development process used by the project. This document is intended to provide a technical insight into the project and give guidance to future projects regarding development processes.</li> </ul>		
14. Produce Completion Report	15/03/2005	31/03/2005		<b>Y</b>	GH, IG, ZX

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
15. Produce Final Report	15/03/2005	31/03/2005		<b>Y</b>	GH, IG, ZX
16. Produce Developmental Findings Report	15/03/2005	31/03/2005		<b>Y</b>	GH, IG, ZX

Members of Project Team:

GH = Glenn Hardaker - Project Manager

IG = Ian Glover - First Developer

ZX = Zhijie Xu - Second Developer