

| WORKPACKAGES | Month | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--|-------|---|---|---|---|---|---|---|
| 1: Project Management | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2: ASAP Application Service | | ■ | ■ | ■ | ■ | | | |
| 3: JPlag Application Service | | | | ■ | ■ | ■ | ■ | |
| 4: RoboProf Application Service | | | | ■ | ■ | ■ | ■ | |
| 5: Blackboard User Agents | | | ■ | ■ | ■ | ■ | ■ | |
| 6: Partner Institution Testing | | | | | | ■ | ■ | ■ |
| 7: Partner Institution Feasibility Study | | | | | | ■ | ■ | ■ |
| 8: Dissemination | | | | | | ■ | ■ | ■ |
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Project start date: 07-09-2004

Project completion date: 31-03-2005

Duration: 6.75 months

| Workpackage and activity | Earliest start date | Latest completion date | Outputs (clearly indicate deliverables & reports in bold) | Milestone | Responsibility |
|---|---------------------|------------------------|---|-----------|----------------|
| YEAR 1 | | | | | |
| WORKPACKAGE 1: Project Management <u>Objective:</u> <i>To manage the successful long term and day-to-day progress of the project including:</i> <i>Procurement of equipment</i> <i>Management and training of staff</i> <i>Partner liaison</i> <i>Financial administration</i> <i>Project meetings</i> <i>Deliverables</i> | 7/9/2004 | 31/3/2005 | | | DL |
| 1.1 Resource Procurement and Deployment | 7/9/2004 | 1/12/2004 | Software, Hardware [VLE development Systems] and space resources in place - | | JO |
| 1.2 Full Partner Start-up Meeting | 18/11/2004 | 20/11/2004 | Statement of Partner roles and goals | A | DL |
| 1.3 Staff Training | 1/10/2004 | 1/2/2005 | Staff knowledge transfer - Blackboard + other VLE interfaces | | JO |
| 1.4 Individual Partner Consultation (one per partner) | 1/12/2004 | 1/2/2005 | Agree details of individual partner workpackages | | DL |
| 1.5 Full Partner Round-up Meeting | 1/3/2005 | 31/3/2005 | Agreement of partner completion and follow-up actions | | DL |
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| WORKPACKAGE 2: ASAP Application Service <u>Objective:</u> | 7/9/2004 | 1/2/2005 | | | JO |
| 2.1 JISC Framework Guidelines and Standards Review | 7/9/2004 | 1/12/2004 | Definition and summary of JISC Framework Guidelines and Standards | | JO/DL |

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| | | | relevant to ASAP workpackages | | |
| 2.2 Unit Testing Review and Specification | 14/9/2004 | 1/12/2004 | Definition and summary of industry Unit Testing procedures relevant to ASAP context | B | SR |
| 2.3 User Interface Specification for ASAP Service | 14/9/2004 | 17/12/2004 | ASAP Service interface definition (including annotated UML or equivalent structured diagrams)* | | SR |
| 2.4 ASAP Web Application Service Design [includes design refactoring according to programming design methodology] | 1/11/2004 | 10/1/2005 | Annotated UML (or equivalent) structured diagrams defining ASAP Web Application design* | | JO/SR |
| 2.5 ASAP Web Application Service Implementation [this includes continual incremental testing according to programming design methodology] | 1/11/2004 | 1/2/2005 | Prototype Implementation of ASAP Web Application Service defined by 2.3 (including full release of source code on e.g. SourceForge) | D | SR |
| 2.6 ASAP Web Application Service User Testing [this includes more than 5 full-scale tests incorporated into the Programming Essentials and Programming Applications undergraduate modules currently in progress] | 1/1/2005 | 1/2/2005 | User Content Creation and Feedback for 2.4/2.5 | | GA |
| WORKPACKAGE 3: JPlag Application Service <u>Objective:</u> | 18/11/2004 | 1/3/2005 | | | GM |
| 3.1 JPlag Consultation (Partner Follow-up Meeting - see 1.6) | 18/11/2004 | 20/11/2004 | Action and Progress Consultation for 3.2 and 3.3 (visit to Karlsruhe) | | DL |
| 3.2 User Interface Specification/Guidelines for JPlag Service conforming to 2.1 | 18/11/2004 | 10/1/2005 | Report defining JPlag Service interfaces (including annotated UML or equivalent structured diagrams)* | C | GM |
| 3.3 JPlag Application Service Prototype | 1/12/2004 | 1/3/2005 | Prototype Implementation as defined in 3.2 | E | GM |
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| WORKPACKAGE 4: RoboProf Application Service <u>Objective:</u> | 18/11/2004 | 1/3/2005 | | | CD |
| 4.1 RoboProf Consultation (Partner Follow-up Meeting - see 1.6) | 18/11/2004 | 20/11/2005 | Action and Progress Consultation for 4.2 and 4.3 (visit to Dublin) | | DL |
| 4.2 User Interface Specification/Guidelines for Roboprof Service conforming to 2.1 | 18/11/2004 | 10/1/2005 | Report defining Roboprof Service interfaces (including annotated UML or equivalent structured diagrams)* | C | CD |
| 4.3 RoboProf Application Service Prototype | 1/12/2004 | 1/3/2005 | Prototype Implementation as defined in 4.2 | E | CD |
| WORKPACKAGE 5: Blackboard User Agents <u>Objective:</u> | 1/10/2004 | 1/3/2005 | | | DL/JO |
| 5.1 Kingston University VLE User Agent Design and Development (Blackboard) [includes design refactoring according to programming design methodology] | 1/10/2004 | 1/3/2005 | Prototype Implementation of Blackboard Building Block for ASAP service interface and content management* | F | SR |
| 5.2 Kingston University VLE User Agent Testing (Blackboard) [this includes more than 5 full-scale tests incorporated into the Programming Essentials and Programming Applications undergraduate modules currently in progress] | 1/10/2004 | 1/3/2005 | Testing and Augmentation of Unit Test Content (2.6) using Blackboard Building Block user agent 5.1 | | GA |
| WORKPACKAGE 6: Partner Institution Testing (Blackboard) <u>Objective:</u> | 1/1/2005 | 31/3/2005 | | | DL |
| 6.1 Deployment of application services and user agents; creation and Adaptation of content for courses at de Montfort University. | 1/1/2005 | 31/3/2005 | Production of course content for Partner Institution (de Montfort) | | RH/JC |
| 6.2 Testing of application services in context at de Montfort University. | 1/1/2005 | 31/3/2005 | Report describing the testing of course content for application services (2.5, | G | RH/JC |

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| | | | 3.3, 4.3) and Blackboard User Agent (5.2) | | |
| WORKPACKAGE 7: Partner Institution Feasibility Study <u>Objective:</u> | 1/1/2005 | 31/3/2005 | | | JW |
| 7.1 Feasibility study into use of ASAP application services with alternative user agent (WebCT) | 1/1/2005 | 31/3/2005 | Report (and possibly prototype) on WebCT user agent | | JW |
| 7.2 Feasibility study into use of ASAP application services in postgraduate, distance learning context. | 1/1/2005 | 31/3/2005 | Report detailing the adaptation and testing of content in Institutional context. | G | JW |
| WORKPACKAGE 8: Dissemination <u>Objective:</u> | 1/2/2005 | 31/3/2005 (8.3 before 1/9/2005) | | | DL |
| 8.1 JISC Project Report | 1/2/2005 | 31/3/2005 | Final Report and documentation for JISC | G | DL/JO |
| 8.2 Internal Seminar | 1/2/2005 | 31/3/2005 | Seminar to disseminate ideas and knowledge in Kingston University | | DL/JO/SR |
| 8.3 External Conference Paper | 1/3/2005 | 1/9/2005 | Paper submitted to appropriate conference to disseminate ideas and knowledge to the community | | DL/JO/SR |

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* refactoring may be required from time to time according to the adoption of Extreme Programming philosophy

Members of Project Team:

DL = David Livingstone

JO = James Orwell

TL = Tim Linsey

GA = Graham Alsop

TE = Tim Ellis

SR = Senior Researcher(s)

JR = Junior Researcher(s)

CD = Charles Daly

GM = Guido Malpohl

JW = Jo Wood

RH/JC = Richard Hall/Jane Curnock