



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: JSMIRK technology feasibility test		*	*																						
2: JSMIRK full architectural specification			*	*																					
3: JSMIRK beta version				*	*	*	*																		
4: JSMIRK release version								*																	
5: SMIRKBOARD content upload and generation		*	*	*	*																				
6: SMIRKBOARD permissioning and administration				*	*	*	*																		
7: SMIRKBOARD packaging						*	*	*																	

Project start date: 01-09-2004

Project completion date: 31-02-2004

Duration: [7 months

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
YEAR 1					
WORKPACKAGE 1:	01-09-2004	31-10-2004	A written account + source code of the five small applications		

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
Objective: JSMIRK technology feasibility test					
1. Create simple app to export content of a java canvas object to jpg/gif			app		SJB
2. Create simple app to record wav audio			app		SJB
3. Create a simple app to compress wav to mp3			app		SJB
4. Create simple app to make java xslt transformation			app		SJB
5. Create a simple app to upload binary objects via http			app		SJB
WORKPACKAGE 2: Objective: Full architectural specification of JSMIRK	01-09-2004	31-11-2004	An architectural specification of JSMIRK and an example xml file whose form will be used for serialization of presentations. A UML 1.4 representation of the systems will be made.		
6. Write complete architectural component spec for JSMIRK			document		DAK
7. Establish working xml pseudo schema for serialization of presentations			Sample xml file		DAK
8. Establish level of ACCLIP/Metadata implementation to be undertaken in JSMIRK			Small written report of recommendations		DAK
WORKPACKAGE 3: Objective: Develop beta version of JSMIRK	01-11-2004	01-03-2005	Source code version of JSMIRK		
9. Implement gui for slide drawing and manipulation			Part of beta release		SJB

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
10. Implement serialization of slide state (purely graphical)			Part of beta release		SJB
11. Implement multiple slide capability with thumbnails			Part of beta release		SJB
12. Implement serialization of entire presentations (purely graphical)			Part of beta release		SJB
13. Implement audio recording per slide			Part of beta release		SJB
14. Implement content exportation (without full scorm packaging)			Part of beta release		SJB
15. Implement upload to SmirkBoard			Part of beta release		SJB
16. Validation of all of the above			document		DAK
17. Write Documentation			document		DAK
WORKPACKAGE 4: <u>Objective:</u> Final JSMirk Deliverable			Full version of JSMIRK with installation packages		
18. Test with small user group			activity		DAK
19. Debug based on feedback from user group			Part of final release		SJB
20. implement scorm packaging of jsmirk outputs					SJB
21. Implement guided metadata insertion wizard			Part of final release		SJB
WORKPACKAGE 5: <u>Objective:</u> Content Generation and Upload	01-09-2004	06-01-2005	A server application		
1. Install Apache, Tomcat, MySQL, create SmirkBoard Directory Structure			activity		SDS

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
2. Populate the database and directory structure with 3 mock smirk presentations			activity		SDS
3. From the mocks, generate internet explorer xhtml+smil presentation with comments appearing			Xslt file		SDS
4. Implement the commenting functionality using the mocks above (i.e adding comments via browser)			Xslt file		SDS
5. Test and validate the commenting functionality			Small report		DAK
6. Implement the upload facility with inputs from SMIRK			Part of system		SDS
7. Test and validate the upload facility			Small report		DAK
WORKPACKAGE 6: Objective: Permissioning and Admin of SMIRKBOARD	01-11-2004	01-03-2005			
8. Populate the database with some lecturers and studcnnts and create sample groups			activity		DAK
9. Implement the security model for viewing			Part of system		SDS
10. Test and validate the security system for viewing (e.g what is allowed to be seen by whom)			Small report		DAK
11. Implement the security model for uploading			Part of system		SDS
12. Test and validate the security system for uploading (who is allowed to upload what)			Small report		DAK
13. Implement and test Administrator screens			Part of system/report		SDS/DAK
14. Implement the lecturer forum management			Part of system		SDS

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
screens					
15. Check on upload capability from JSMIRK			Small report		DAK/SJB
16. Ready system for trial use within and without University			activity		DAK
WORKPACKAGE 7: Objective: Scorm package exporting and final version of server	6.1.2004	31.3.2004			
17. Implement xslt SMIL generation from presentations			Xslt file		SDS
18. Implement xslt HTML generation from presentations			Xslt file		SDS
19. Check advanced functionality (integrity of comments relative to slides even after reupload of edited slideshow)			Small report		SDS/DAK
20. Integrate SCORM packaging functionality into server			Part of final system		SDS
21. Test and validate SCORM packaging of corners/performances			Small report		DAK
22. Write documentation of the system and installation instructions.			Document		SDS/DAK

Members of Project Team:

SJB - Steve Bennett

DAK - David Kraithman

SDS - Software Development Services