

Content Management Research Project Plan

Project Plan

Planning Phase

Activity	Subtasks/Notes	Planned Iteration	Complete?
Iterate on problem statement			X
Create vision document outlining goals & scope of project - most of this exists within the project pages here			X
Identify user groups to research, see matrix			X
Recruit project team	<ul style="list-style-type: none"> • Train project team members not familiar with contextual inquiry • Identify target institutions based on user matrix, time & resource constraints • Reach out to community to find volunteers to participate 		X
Create project communications plan (informal)			
Create Contextual Inquiry Training Plan and Document			X
Iterate on Contextual Inquiry Guides (2 hours)			

Discovery Phase - Design research and strategic evaluation

Activity	Subtasks	Planned Iteration	Complete
Review existing knowledge / information	<ul style="list-style-type: none"> • Check out Jackie Mai's Stanford Syllabus research (ask for access) • Check out Daphne & Mark's work on Course Management (sakai wiki) • Check out research done by Resources group (Kathy & Hattie) • Fluid Walkthrough results • File Management & Navigation Problem Space work for Fluid • Others? 		
Some analysis of existing sites			
Competitive analysis	<ul style="list-style-type: none"> • Other CMS, CLE's • Current Sakai Sites 		
Contextual Inquiry (5 hours each)	<ul style="list-style-type: none"> • Recruit & schedule users • Complete CI • Reflect, process & digitize notes 		

Modeling (identify & document patterns)

Activity	Subtasks	Planned Iteration	Complete?
Build User Profiles			
Persona Pattern Exercise (2 days for everyone that did contextual inquiry)	Identify Personas		
Persona Creation	<ul style="list-style-type: none"> • 1st Iteration (20 personas) • 2nd Iteration (Only primary & secondary ~10) 		
Persona Map (bullseye) Activity (1 Day)	Pick primary & secondary personas		
Affinity Diagramming			
Create activity diagrams for complex user activities (how they currently get work done)			
High level User Scenarios for each primary persona (frequent patterns of use)			
Use Case Matrix (comprehensive set of use cases mapped to persnas)			
Mental Model Brainstorm			

Requirements Definition

Activity	Subtasks	Planned Iteration	Complete?
Create detailed keypath scenarios (future use of the system)			
Identify functional & data Elements			
Component Identification			
Create requirements list for components			
Design framework for Sakai UI navigation of the future	<ul style="list-style-type: none"> • UI organized around activities • Home = quick glance, what's new • Site setup checklist for collaborating with instructors and TAs 		
Design Framework for File Management activities	<ul style="list-style-type: none"> • Resources as file manager • Files available from everywhere • Work with files in context • Social sharing of files - tagging, rating, context, etc. 		
Create other relevant designs for file management and navigation problem space.			

Design

Activities	Subtasks	Planned Iteration	Complete?
Review blue sky ideas with community			
Flesh out component designs above based on priority			

Implementation

Activities	Subtasks	Planned Iteration	Complete?
Implement designs above			