

ESIP iCommons – Online Digital Publishing and Knowledge Capture Platform

Requirements Document

1 Provide the following Content Types

- Microarticles – used to publish short technical papers for Posters, Technical Report
 - Fields:
 - Title
 - Authors
 - Tags: [Any]
 - Committee/Cluster
 - Article type (Tag)
 - Poster
 - Technical Report
 - Semi-annual cluster review?
 - Images
 - Description
 - Reference
 - Attachments for download
 - Creative Commons license
 - Article Citation

- Meeting Session Descriptions (redundant with Minutes so deleted)
 - Fields
 - Title
 - Tags: [Any]
 - Committee/Cluster
 - Session Type
 - Workshop
 - Keynote
 - Breakout
 - Telecon
 - Session Leads
 - Participants
 - Description
 - Date
 - Time
 - Location
 - Attachments
 - Citation

- Professional Development Education
 - Fields

- Title
 - Tags: [Any]
 - Committee/Cluster
 - Module Leads
 - Description
 - Attachments
 - Citation

- Testbed Activity
 - Fields
 - Title
 - Testbed leads
 - Committees/Cluster
 - Description
 - Images
 - Attachments
 - References
 - Tags
 - Citation

- Lesson Plans (teacher wiki: <http://esipteachers.pbworks.com/w/page/33935191/Lesson%20Plan%20Sample>)
 - Title
 - Author
 - Intended Audience: (age, how many, etc.)
 - Type of Lesson/Activity: (school classroom lesson, hands-on activity, higher education, homework assignment, etc.)
 - Description
 - Materials: (What *stuff* do you need for the activity/lesson?)
 - Preparation: (What do you need *to do* before the activity can happen?)
 - Procedure: (What will happen during the activity? What will you do? What will the participants do?)
 - Follow Up? Extensions? (Will you assign homework or additional activities?)
 - Tags
 - Citation

- Use Cases – (taken from Chris Lynnes’ Use Case template: http://wiki.esipfed.org/images/2/28/ESIP_Project.pdf)
 - Title
 - Tags: [Any]
 - Cluster/Committee/WG
 - Description = Short Definition
 - Actors

- Purpose
- Assumptions
- Scenarios with steps
- Extensions
- Definition of Success
- Notes/Issues
- Attachments
- References
- Citation = Use Case Identification

2 User management functionality

- User Profile
 - Last Name
 - First Name
 - Institution Name
 - Avatar Picture
 - Research interests
- Login using OpenId
- Login using Facebook
 - Pull in Facebook profile
- User Roles
 - Anonymous users
 - Access all published content
 - Authenticated users
 - Access all published content
 - Submit new content
 - Submit comments
 - Editors
 - Access all published content
 - Submit new content
 - Publish submitted content
 - Publish submitted comments

3 Publication Workflow for content types

- Author
 - Submit Abstract
 - Save as Draft
 - Submit for Publication
- Managing Editor (can be assigned to any user)
 - Publish

- Reject with comments-> goes back as draft

4 Publication presentations

- Views:
 - Meeting Proceedings (using microarticles)
 - Categorize:
 - Key Note
 - Workshop
 - Posters (as slideshow or gallery)
 - Individual Abstract
 - Highlight the author
 - Meeting Agenda (using session description)
 - Testbed Activity
 - Community driven Use Cases
 - Educational Modules
 - Full view of all content from all areas?
 - On a cluster/committee/working group basis?
- Newsletter
 - Autogenerate monthly newsletter

6 Notifications

- Publication workflow:
 - Notify (email) appropriate parties when the publication workflow has changed
 - Notify (email) appropriate parties when comments are posted
- Newsletter
 - Email newsletter to all the authenticated users