UNIFIED STATE PORTAL GOVERNMENT OF ASSAM

Functional Requirement Specifications for User Roles & Permissions for Unified State Portal

Version 1.0
Web Development Cell

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1. Executive Summary

Users, roles and permissions are key components connected to the functioning as well as security of a website. We can say that Users are the people, roles are their functions, and permissions define what authorizations those functions have. The usability, functionality and security of any system will depend a lot on the way these are defined.

2. Scope

This document covers the requirements for defining the user roles and permissions for document and content management of the Unified State Portal.

3. Assumptions

The Unified State Portal may have different types of users. They may be Government officials who will be authenticated users and visitors to the portal, who will be unauthenticated users. Authenticated users of the Unified State Portal will be involved in uploading of website content such as documents, images and web pages.

4. User Management

a) Types/Categories

Users of the Unified State Portal may be of different types or categories. We may define these as follows:

- Unified State Portal Admin
- Responsible Officer
- Additional Responsible Officer
- Master Trainers
- Content Managers
- Web Information Manager
- Unauthenticated User
- Site Administrators
- Department User
- SWF Admin

b) User Roles

Based on the user type or category and the functions to be performed, a number of roles can be defined as follows :

- USP administrator
- SWF administrator
- Site administrator
- Creator & Uploader
- Reviewer
- Publisher
- Administrator
- Monitor
- Viewer

c) User Privileges

A user may be granted privileges according to the user type or category, and the role assigned. User privileges maybe as listed below :

- User creation
- Assigning roles
- Website configuration
- Sharing
- Creation
- Publishing
- Reviewing
- Unpublishing
- Deleting
- View
- SWF site instance creation

5. Functional Requirements

a) Interface for user management

An interface for user management in the Unified State Portal is required. Within the Unified State Portal, it will become necessary to create users and define roles for different job functions. Further, permissions to perform certain operations will have to be assigned to specific roles.

Users in the Unified State Portal may be of different types, as defined above (point 4(a)). All these different users will perform different actions. Therefore, a simple and intuitive interface which will facilitate creation of users, assigning

roles and granting privileges but at the same time does not compromise on security by exposing the Drupal core is required.

b) User, role and privilege mapping

1. A user in the Unified State Portal may be any one of the types defined in point 4(a) above.
2. A user may be assigned any particular role as defined in 4(b)
3. A combination of roles may also be assigned to a user if the need arises.
4. Depending upon the role/roles assigned to a user, privileges may be granted.

User	Role	Privileges	Area of responsibility
USP Admin	USP Administrator	User Creation	USP
		Edit User	USP
		Define roles	USP
		Assigning Roles	USP User
		Define privileges	USP
		Grant privileges	USP user role
		Delete/ Deactivate User	USP
		Create user group	USP
SWF Admin	SWF Administrator	User Creation	SWF
		Edit user	SWF
		Assigning Roles and privileges	SWF
		Delete/ Deactivate User	SWF
		Create user group	SWF
		Instance creation	SWF
Site Admin	Site Administrator	User Creation	Own site
		Edit User	Own site
		Assign Roles and privileges	Own site
		Send request	Own content with other

User	Role	Privileges	Area of responsibility
		for sharing	sites
		Allow/Deny sharing request	Content from other site in own site
Responsible Officer	Monitor	View/review	Content/Documents
Addl Responsible Officer	Monitor	View/review	Content/Documents
Master Trainer		Website Configuration	Portlets
			Menu
Content Manager	Creator & Uploader	Content creation	Editorial Content
			Documents
			Images
			Slider
		Delete	Own documents (if not yet published)
		Edit (if not published)	Own documents/content/images Keywords/metadata
Web Information Manager	Reviewer/Publisher	Review	Content/Document/ Images
		Edit	Keywords/metadata
		Publish	Content/Document/ Images
		Sharing	Content/Document/ Images both within and with others
		Unpublish	Content/Document/ Images
		Allow/Deny sharing request	Content/Documents from others
Unauthenticated User		View	Content/Documents/ Images
Department User	Viewer	View	Specific Content/ Documents of own department

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