

**Individual Contribution Document**  
**UCSC Digital Library**  
CS - Group 02

Supervisor : Mr. Isuru Nanayakkara  
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**Index No: 19000642**

**Name: K.L.G.K. Jalitha**

**Components:**

- Content management
- User management
- Authorization
- Notifications
- Breadcrumb
- Paginate
- UI

**Description of the components:**

- Content Management:
  - Communities
    - View, create, update & delete communities & sub communities
  - Community Collections
    - View, create, update & delete.
    - Add/Remove contents
  - Content collections
    - View, create, update & delete.
    - Add/Remove contents
  - Browse
- User management
  - User groups
    - View, create, update & delete.
    - Add/Remove users
  - Create Library informations assistant
- Authorization
  - Set/Revoke permission to community collections
  - Set/Revoke permissions to content collections
  - Approve/Reject permission requests
- Notifications - Handle the notifications of system
- Breadcrumbs - Generate breadcrumb paths to make navigation easier.
- Paginate - Fetch data with information required to pagination
- UI
  - Home(Landing page), Browse, Communities and Collections admin dashboard, User groups admin dashboard, Content collections admin dashboard, Permission granting views, Review permissions view, Approve permission request view, Upgrade LIA view, Content abstract information view.

**Index No : 19001304**

**Name : A. M. F. Ramza**

**Components:**

- Content management
- User management
- UI

**Description of the Components**

- Content management
  - View published contents - List down all the published contents in the system
  - Publish content
  - View unpublished contents - List down all the unpublished contents in the system
  - Unpublish content
  - View manage contents - List down all the contents in the system
  - View content info
  - Delete content
  - Popular Content in Home page - Display the popular contents in the system.
  - Latest Updates in Home page - Display the latest contents in the system.
- User management
  - View new user request
  - Delete user
  - Recent Readings in Profile - Display the recently read contents by the user.
  - Bookmarked Contents in Profile - Display the contents bookmarked by the user.
- UI
  - Admin dashboard, Manage content admin dashboard, View reports admin dashboard, Approvals admin dashboard, Help view, Publish content details view, Bulk upload, View new user details, Unpublish content details view, Content details, Publish content, Unpublish content

**Index No : 19001322**

**Name : R. A. N. S. Ranasinghe**

**Components:**

- Content management
- User management
- Report generation
- UI

**Description of the Components:**

- Content management
  - Content Suggestions
    - Create, view content suggestions
  - Content Viewer
    - View content - PDF viewer, video and audio player
    - Add notes to content - notes can be added, removed or edited
    - Add bookmarks to content - bookmarks can be added or removed
    - Download content
    - Share content
    - Obtain citations
- User management
  - User Content Collections
    - Create, view, update, delete user content collections
    - Add content to user content collections
    - Remove content from user content collections
  - User Registration Requests
    - Approve/ reject user registration requests
- Report generation
  - Users' login report
  - System log report
  - User approvals report
  - Suggested content report
  - Content lending report
- UI
  - Manage Contents and submissions views, Verify New Users and Manage Users views, Approvals data views, Reports views, User Content Collections views, Add Content Suggestions view, Login, Register, Forgot Password views, PDF viewer

**Index No : 19001371**

**Name : A. H. Rathnaweera**

**Components:**

- Content management
- User management
- Authentication
- UI

**Description of the components:**

- Content management
  - Upload content - 5 steps content uploading functionality. Finished steps are saved.
    - Select a collection
    - Adding metadata
    - Adding keywords and the abstract
    - Upload the content
    - Verify the submission
  - Update content - Each steps can be updated individually
  - Search content - Search content in the system by keywords.
  - Advanced search content - Search content in the system by keywords, filters and boolean logics.
  - Export content - Export content in the system collection wise for migration purposes.
  - Import content - Importing exported contents into the system.
- User management
  - User registration
    - Internal user registration - Internal users in the UCSC can be registered into the system using their email address. Verification emails will be sent to users.
    - External user registration - External users(Users who do not have s UCSC email address) have to submit a verification document when they are registering into the system.
- Authentication
  - Login
  - Handling unauthorized attempts
- UI
  - Search view, Advanced search view, Content uploading views

## Contribution of the team members

