# Section 1: Project Overview

ALIF Document Workflow System software sets the standard for document workflow solutions. Users access and interact with the application by logging into the software. Every operation occurs within this browser-based interface, from document attaching, indexing, and retrieving documents to approving and emailing/distributing them.

In ALIF Document Workflow System, you can attach documents of any file format i.e. Excel File XLS, PDF documents, Image Formats. Documents and other files can be attached using upload/document attaching features to network folders, e-mail accounts or catalog browser. All documents can be retrieved using document properties that are defined and associated with document. Integrated e-mail facility allows you and your team to distribute documents for approval workflow without requiring external software. A powerful document workflow & approval engine can manage your information & documents behind the scenes based on system events or schedules defined by users.

## 1.1 Project Goals and Objectives

The main goal and objective ALIF Document Workflow System is to automate the manual document approval system and to promote the paper less environment in organization. Also it makes the document approval process quick & secure by implementing the renowned security standards. The system helps the user in document management and maintaining versions/revisions of each document.

## 1.2 Project Scope

The ALIF Document workflow system is secured with login and is divided into two main sections:

Admin Section: This section is used by administrator of system to configure global settings, users & permissions and will help in managing the activities. It is also used to define lists, document properties, email templates and workflows.

User Section: The section is used by the system user to attach or upload its document in a particular catalog with document type. It is also used by authorities to approve/reject document, sending documents to other members and data entry of document properties attached with different office documents.

## 1.3 Operating Environment

## 1.4 Design & Implementation Constraints

The proposed system must be designed and developed using the following tools and technologies:

* **Operating System:** Windows/Linux Operating System.
* **Web Server:** Apache Server
* **Scripting Language:** PHP 5.3
* **Database:** My SQL
* **CSS Framework:** Twitter Bootstrap
* **Development IDE:** Net Beans IDE v7.2, Dreamweaver MX
* **Source Sharing:** Bit Bucket (GitBash)
* **Graphics Designing:** Adobe Photoshop

# Section 2: Customer Requirements

The requirements that are identified in requirement gathering phase for ALIF Document Workflow System are:

|  |  |  |
| --- | --- | --- |
| Customer Requirements | | |
| ID | Requirement | Description |
| **CR-2.1** | User Authentication & Authorization | User authentication should be done automatically when accessing the system. Every user must sign in to the system and should not be prompted to reenter any credentials. The administrator of the system should have control to user access. The system should provide a facility:   * To create user accounts. * To activate or deactivate accounts. * To attribute roles and permissions.   The system should allow users to play multiple roles. A person could act as an author of document, an entry person and a part of workflow process |
| **CR-2.2** | Document Versioning | Document version control provides check in / checkout ability preventing documents from being overwritten or deleted, as documents are updated by more than one member. All versions of a document are maintained by the system. |
| **CR-2.3** | Application Distribution Licensing | In order to avoid illegal installation and distribution of application, the application distribution license should be implemented. The licensing could be of two types:   * Individual License * Group License |
| **CR-2.4** | Feature Based User Help | For each activity in application, a feature based user help is required, which guides the user to accomplish the desired task. |
| **CR-2.5** | Organization Hierarchy | The system should provide a feature to configure client’s organization profile which will be used later in different system reports and tagging documents. The system needs to provide organizational hierarchy in two steps:   * The user should be able to define its company profile, and should be able to upload its company logo. * The user should be able to define its company’s branches (or projects). |
| **CR-2.6** | Server Configuration & Settings | The system should facilitate client to configure following server settings:   * Email Server * File Server * Database Server |
| **CR-2.7** | Document Management | Document management feature is required. Using this feature, the user can:   * Define document category. * Define document type. * Upload document. * Enter information of document to make it searchable. * Search document. * Email document. * Download document. * Delete document. * View document history. * Document Queues. * Catalog Browser |
| **CR-2.8** | Workflow Process | A document workflow process is required in application. By using it, the user should be able to define a workflow for any document .T he can add members of workflow process in sequential order. The user can define retention policy for each member. User should be able to approve and reject document. |
| **CR-2.9** | User Collaboration | Members involved in some tasks should be able to exchange comments, ideas, suggestions or any remarks at each point of the process. |
| **CR-2.10** | Email Notification (Workflow) | The system should be able to track activities for each user and inform them by email that a new pending task has arrived. Or email reminders on some pending activities if they have exceeded a time limit. |
| **CR-2.11** | Logging & Reporting | The application should track and record every user activity to ensure a complete audit trail of document activity.  This document auditing capability ensures compliance and protects intellectual property.  The application is required to give built in reports to administrator about the usage of documents and users. And also the log reports that can be generated and printed:   * Report that tracks relevant information of the requests i.e. initial document and its request for changes. * Report that tracks late/delayed tasks based on their deadlines. * Reports that tracks activities per person or unit, number of tasks handled by the person.   An on screen event viewer or audit trail feature can be helpful for system administrator to monitor document and user activities effectively. |

# Section 3: Functional Requirements

Functional requirement are divided into two main sections:

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Functional Requirement | Description | Customer Req. ID |
| **FR-A** | **User Authentication & Authorization** |  | **CR-2.1** |
| **FR-A.1** | Login | System will provide an interface where the user can enter his credentials to login to the system. |  |
| **FR-A.2** | Logout | This feature will allow current user to logout from the system. |  |
| **FR-A.3** | Forgot Password | Using this feature, user will enter its username to retrieve its password through registered email in profile. |  |
| **FR-A.3** | Create User Profile | Administrators can create new user accounts and enter account details. |  |
| **FR-A.4** | Edit User Profile | Administrators will be allowed to edit any user profile.  However, current user will only be allowed to edit his user account modify his personal information such as change password, contact information etc. |  |
| **FR-A.5** | Delete User Account | Administrators will be able to delete any existing user profile. |  |
| **FR-A.6** | View User Account | Administrators will be able to view all the user accounts that are defined in system.  Registered user or member can only view its profile using this feature. |  |
| **FR-A.7** | Deactivate User Account | Administrators will be allowed to block/deactivate any user account. By blocking, the user will not be able to login to the system. |  |
| **FR-A.8** | Activate User Account | Administrators will be able to activate the deactivated user accounts by selecting it from the user list. |  |
| **FR-A.9** | Create User Roles | Administrator will define user role using this feature in system. |  |
| **FR-A.10** | Modify User Roles | Using this feature, the admin will modify existing user role by first selecting it. |  |
| **FR-A.11** | Delete User Roles | Admin will delete user role using this feature by first selecting it. |  |
| **FR-A.12** | Assign/Grant Roles to User | Admin can assign roles to registered users by first selecting the user from list of already defined users. |  |
| **FR-A.13** | Revoke Roles from User | Admin will be allowed to revoke assigned roles from user. The admin first selects the user, its role and the revoke it. |  |
| **FR-A.14** | Assign Permissions to Role | Admin can assign multiple permissions to a single role defined in system. |  |
| **FR-A.15** | Revoke Permissions from Role | Admin can revoke permissions from a selected role by first selecting it. |  |
| **FR-B** | **Organization Hierarchy** |  | **CR-2.5** |
| **FR-B.1** | Create Company Profile | This feature allows administrator to create company profile. Admin is allowed to open only one company is system. |  |
| **FR-B.2** | Update Company Profile | Using this feature, administrator is allowed to modify defined company profile. |  |
| **FR-B.3** | Add Project to Company | Admin can define multiple projects/branches for the defined company. |  |
| **FR-B.4** | Modify Project Details | The admin can modify the project details by using this feature. The admin have to select the project from list in order to update its details. |  |
| **FR-B.5** | Delete Project | The admin is allowed to delete added project in company using this feature. The admin have to select the project from list in order to delete it. |  |
| **FR-C** | **Server Configuration & Settings** |  | **CR-2.6** |
| **FR-C.1** | Add Database Server Connection Settings | For application connection to database for data storage & retrieval, admin will define database connection settings using this feature. |  |
| **FR-C.2** | Modify Database Connection Settings | The admin is allowed to modify already entered database connection configuration by using this feature. This feature is usually required, when the database is transferred or hosted to a different server. |  |
| **FR-C.3** | Add Email Server Settings | The feature allows admin to define email server configuration and authentication. |  |
| **FR-C.4** | Modify Email Server Settings | Admin is allowed to modify email server settings in case of different email server or changed authentication settings. |  |
| **FR-C.5** | Add File Server Configuration | Admin can add file server settings using this feature. The admin will give the network path of document storage location. The admin will also provide authentication settings for file server. |  |
| **FR-C.6** | Edit File Server Configuration | This feature allows user to modify file server settings i.e. its authentication settings and network folder path. |  |
| **FR-D** | **Document Management** |  | **CR-2.7** |
| **FR-D.1** | Create Document Catalog | Admin can define a document catalog/category using this feature. A catalog is a unique repository or container for a bunch of similar document types. The catalog is created in system and also a physical file folder is created to the network folder defined on file server. |  |
| **FR-D.2** | Modify Document Catalog | The admin is allowed to modify catalog information using this feature. |  |
| **FR-D.3** | Enable/Disable Document Catalog | This admin uses this feature to activate or deactivate already defined document catalog. This feature is provided in replacement of deletion feature. The catalog once created will never be deleted again; it will only be deactivated, so that no activity will be performed on this catalog. |  |
| **FR-D.4** | Add Document Type | This feature is used by admin to define document type. The document type is defined against a particular document catalog. On adding document type information, the system will create a physical document type folder as a sub folder to catalog folder. |  |
| **FR-D.5** | Modify Document Type | This feature allows admin to modify document type information. If the user changes the catalog for document type, the system will move the whole folder to new selected catalog folder. |  |
| **FR-D.6** | Activate/Deactivate Document Type | This feature is used by admin to enable or disable already defined document type. The feature is provided in replacement of deletion feature. The document type once created will never be deleted again; it will only be activated or deactivated, so that no activity will be performed on this document type. |  |
| **FR-D.7** | Upload Document | This feature is used by user to upload any document in system. To upload document, the user first selects the catalog and document type. The file is saved in relevant document type folder in catalog folder on network, and the file storage network path is saved to database against system generated document id. |  |
| **FR-D.8** | Define Document Properties | This feature is used by admin to define the key information or metadata associated with document. The document properties are defined for document type of a catalog. The admin will enter the document property name, its data type, control type and length. |  |
| **FR-D.9** | Modify Document Properties. | This feature is used by admin to modify document properties already defined for document type of a catalog. The admin can only modify its name, control type and length. |  |
| **FR-D.10** | Delete Document Properties | This feature allows admin to remove any of document property defined for document type of a catalog. The document property will only be allowed to delete in case of no single entry in it, otherwise system will restrict admin to deleted document property. |  |
| **FR-D.11** | Enter Document Properties | This feature is used by non-admin users of system to entry key document information for uploaded document. This process of document property entry is called coding. The user selects the document from work queue and performs its coding. After saving entry, the data will be saved and document will be moved from work queue to coding queue. |  |
| **FR-D.12** | Document Search | This feature is used by non-admin members of system to search any document. The user can apply any one or all of the following filter to search desired document:   * Catalog * Document Type * Document Properties   The search by document properties will only appear when user selects Advance Search Option. |  |
| **FR-D.13** | Document Emailing | The feature is used by non-admin users to send document as an attachment in email to other members. The user selects the document and emails it by selecting Document Email feature from actions menu. |  |
| **FR-D.14** | Download Document | The feature is used by user to download any document to its local file system. The user can download document for review, only if he has permission. |  |
| **FR-D.15** | Delete Document | The user can delete document using this feature, only if he has permission. The document will only be deleted if it is in Work Queue. |  |
| **FR-D.16** | View Document History | The user or admin can view the history of a specific document using this feature. The feature informs user about the status, and also about the stages of document defined in attached workflow. |  |
| **FR-D.17** | Catalog Browser/File Explorer | This expandable browser tree provides a familiar Explorer-type view of the documents as they exist on the file system. Documents can be displayed and modified through the Catalog Browser the same as if they had been accessed from the search page. The folder hierarchy should be like: **Catalog Folder->Document Type Folder->Document Folder->Document (and document revisions).** |  |
| **FR-D.18** | Document Retention | In workflows, document retention is part of record management. It represents the period of time a document should be retained. This feature allows administrator to define document retention policy for each member in workflow process in terms of days, weeks, months etc.  The user can override defined retention policy against workflow process while starting approval process for document. |  |
| **FR-D.19** | Coding Queue | When documents have been attached or uploaded, the documents will be first routed to the Coding Queue. Then an indexing clerk/data entry performs heads-up coding on these documents. The feature displays documents in table (grid) based format. |  |
| **FR-D.20** | Work Queue | The Work Queue serves as a holding area for documents that require special attention or need tasks performed related to them. It can also serve as a holding area for documents that require collaboration by multiple users in the system. |  |
| **FR-D.21** | Approval Queue | The Approval Queue contains documents routed to a user or group of users via one or more approval processes created and managed by user. |  |
| **FR-E** | **User Collaboration** |  | **CR-2.9** |
| **FR-E.1** | Add Comments | This feature is used by members of workflow process to add comment, ideas or suggestion to any document in work queue. The user selects the document and then adds its comments. |  |
| **FR-E.2** | Modify Comments | This feature is used by workflow members to modify their already entered comments against any document. |  |
| **FR-E.3** | Delete Comments | This feature allows workflow members to delete their existing comments against any document. |  |
| **FR-F** | **Email Notification System** |  | **CR-2.10** |
| **FR-F.1** | Send Email Notification | The feature is used by system itself to keep any eye on actions performed by user on document. The system notifies users about their pending tasks in their to-do list through email. |  |
| **FR-G** | **Workflow Process** | The workflow is divided into two steps:   * Workflow Information * Workflow Members | **CR-2.8** |
| **FR-G.1** | Add Workflow Process | The feature is used by admin to create workflow for a selected document uploaded in system. The workflow should be defined against document type in a catalog. |  |
| **FR-G.2** | Modify Workflow Process | The feature is used by admin to modify contents of existing workflow process information. |  |
| **FR-G.3** | Delete Workflow Process | The feature allows admin to delete existing workflow process, only if they are not used in any process. Otherwise, the system should restrict admin to delete workflow process. |  |
| **FR-G.4** | View Workflow Process | The feature allows admin to view existing workflow processes in table (grid) based display format. The admin can navigate to modify/delete workflow process feature by clicking on edit/delete link against each workflow information row. |  |
| **FR-G.5** | Add Workflow Member | The feature allows admin to add members in workflow process in their sequential authentication order. |  |
| **FR-G.6** | Remove Workflow Member | The feature is executed by admin to remove/delete already added member in workflow process. |  |
| **FR-G.7** | Change Member Authentication Order | The admin use this feature to change the authentication order of workflow member. The admin moves member up or down in authentication order. |  |
| **FR-G.8** | Enable Retention Policy | This feature is used by admin while defining workflow process. The admin checks retention to enforce retention policy defined against each member in workflow process. |  |
| **FR-G.9** | Disable Retention Policy | This feature is used by admin to disable retention policy feature in workflow process. Disabling retention policy allows workflow members to retain document for infinite time period. |  |

# Section 3: System Features

The features that we have identified for ALIF Document Workflow System are listed below:

## 3.1 Admin Section

The administrator logs into the system to access following features:

### 3.1.1 System Settings:

It is used to configure global settings such as company profile, email server, database settings & configuration.

#### 3.1.1.1 Company/Client Profile:

This feature helps administrator to define its company profile in detail. The admin can also attach its company logo in profile.

Actions: Add/Update  
Feature Dependency: Nil  
Frequency: Once  
Inputs: Data field(s) to define company profile.  
Outputs: Company profile is saved or updated.  
Exceptions: The mandatory field(s) is not provided or an error has occurred while saving.

#### 3.1.1.2 Project/Branches/Sites Detail:

This feature helps administrator to define its company profile in detail. The admin can also attach its company logo in profile. The admin can add or update company profile.

Actions:   
Inputs:   
Outputs:   
Exceptions:

#### 3.1.1.3 Email Server Settings:

It is used to configure email server settings. The administrator also provides server authentication settings. The email server could be either hosted on web or hosted locally.

#### 3.1.1.4 File Server Settings:

This feature facilitates admin to configure its file server used to stores documents used in uploaded by user in workflow process. The file server could be either hosted file server on web or hosted locally.

#### 3.1.1.5 Database Server Settings:

It is used to configure database connection settings for your application. The database server could be either hosted on web or hosted locally.

### 3.1.2 Catalog:

This feature allows user to define one or more catalogs. For Example, Accounts, HR, Purchase etc.

### 3.1.3 Document Types:

This feature allows user to define one or more document types against a particular catalog. For Example, **Catalog:** Accounts->**Document Types:** Journal Voucher, Cheque etc.

### 3.1.4 Document Properties:

It is used to configure fields that can be shared among several document types across multiple catalogs. It allows admin to add/modify document identifiers & configure settings such as Name, Type etc.

### 3.1.5 Workflow Process:

This feature allows administrator to define workflow process for any document type by selecting a catalog.

### 3.1.6 Workflow Process Members:

Once the administrator has completed the workflow process definition, he can now add approval member in sequential order for document authentication.

### 3.1.7 Document Retention Policy:

In workflows, document retention is part of record management. It represents the period of time a document should be retained. This feature allows administrator to define document retention policy for each member in workflow process in terms of days, weeks, months etc.

### 3.1.8 Workflow Triggers:

This feature manages work flow rules used to automate document management procedures and notifications. It allows admin to create/modify triggers determining how & when workflow begins.

### 3.1.6 Email Templates:

It is used to define email templates require during workflow process against each activity performed on document. Admin can also sub-merge document properties in email template.

### 3.1.7 Activity Monitor/Event Viewer:

Keep track of all major events and actions performed by system users. The event viewer displays full details for Login Attempts, Searches, and Views, E-mailing, Check Ins/Outs, Document Deletions and more. Every event record contains a date and time, username, system name, IP address and actions performed.

### 3.1.9 Users & Permissions:

This feature manages users that have access to documents and actions attached with document workflow. Users within the system can be added, disabled, or deleted from the administration page and the permissions to various activities can be assigned using this feature.

## 3.2 User Section

The user logs into the system to access following features:

### 3.2.1 User Dashboard:

This feature provides user with the Dashboard after logging in to the system. It displays user recently received messages, documents waiting for approval, documents in your work queue, and uploaded documents requiring coding. The Dashboard provides a convenient view of your document-related work and activities.

### 3.2.2 Document Search:

The Search page lets you find documents by entering one or more words of index fields, e.g., Name and Document Number. Once search results have been obtained, users can view the documents and perform actions related to them.

### 3.2.3 Coding Queue:

When documents have been attached or uploaded, the documents will be first routed to the Coding Queue. Then an indexing clerk/data entry performs heads-up coding on these documents, after that document is moved to work queue.

### 3.2.4 Work Queue:

The Work Queue serves as a holding area for documents that require special attention or need tasks performed related to them. It can also serve as a holding area for documents that require collaboration by multiple users in the system.

### 3.2.5 Approval Queue:

The Approval Queue contains documents routed to a user or group of users via one or more approval processes created and managed by user.

### 3.2.6 Document Properties:

Users with field-editing permissions can make changes to document properties by selecting the Edit Properties item from the Modify menu. The Document Properties window also serves as a data-entry tool for documents that have been routed to the Coding Queue for post-uploading coding.

### 3.2.7 Document Emailing:

E-mail one or more documents in the results list to one or more recipients of your choice. Simply provide the e-mail address, subject, and message body. You can send multiple documents as separate attachments or as a single attachment.

### 3.2.8 Document Downloading:

This feature is used by user to download document on file system.

### 3.2.9 Catalog Browser:

This expandable browser tree provides a familiar Explorer-type view of the documents as they exist on the file system. Documents can be displayed and modified through the Catalog Browser the same as if they had been accessed from the search page.

### 3.2.10 Approval Process:

This feature shows deadlines and priorities which help users determine which documents to process first. Automated messages can be sent when new documents arrive or deadlines expire. User starts approval process from the actions menu. Users approve or reject documents in their Approval Queue after appropriate tasks have been completed. Informative notes can be sent along with any approval or rejection.

### 3.2.11 Document Retention:

Administrators first enable an overall retention policy, if desired, for each document type. User can over-ride the retention policy and develop his own custom retention policy. Documents may be retained for a given period of time represented in days, weeks, months, quarters, or years. They can also be retained indefinitely. Document retention policies can be added, modified, or removed at any time by users having the Override Retention Policy permission. When documents expire, it will be automatically removed from the system.

### 3.2.12 Document Versioning:

The software maintains revision history for each document in the system. Any content modifications increment the major version (1.0, 2.0, etc.). Other actions increment the minor version (1.3, 1.4, etc.). The Document Version History window displays these changes. Each major version can be accessed separately.

# Section 5: Use Cases

|  |  |  |
| --- | --- | --- |
| UC-5.1 Save Company Profile | | |
|  | Functional Req. ID | FR-B |
| Overview | This use case begins when the user wants to define company profile. | |
| Frequency of Use | Once | |
| Actors/Roles/Users | Actor Name | |
| Admin | |
| Pre Conditions | No. | Pre Condition |
| 1 | Admin must be signed in before defining company profile. |
| Post Conditions | No | Post Condition |
| 1 | Company profile is saved. |
| 2 | A record saving message is displayed by system. |
| Alternate Exceptions | No. | Exception |
| 1 | Mandatory fields are not entered and system generates validation notification. |
| 2 | The system is unable to save record and generates an error message. |

|  |  |  |
| --- | --- | --- |
| UC-5.2 Update Company Profile | | |
|  | Functional Req. ID |  |
| Overview | This use case begins when the user wants to update already saved company profile. | |
| Frequency of Use | Once | |
| Actors/Roles/Users | Actor Name | |
| Admin | |
| Pre Conditions | No. | Pre Condition |
| 1 | Admin must be signed in before defining company profile. |
| 2 | Saved company profile is already loaded in form fields. |
| Post Conditions | No | Post Condition |
| 1 | Company profile is updated. |
| 2 | Record Update message is displayed by system. |
| Alternate Exceptions | No. | Exception |
|  | 1 | The system is unable to save record and generates an error message. |

# Section 6: Graphical User Interface

### UI-6.1: Activity Viewer

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Activity Viewer | | | | | | |
| **Interface No.** | | | *UI-6.1* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockup Images\sds.png.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr#** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Activity | Combo Box | | Text |  |  |
| **2** | User | Combo Box | | Text |  |  |
| **3** | From Date | Date Picker | | Date |  | dd/MM/yyyy |
| **4** | To Date | Date Picker | | Date |  | dd/MM/yyyy |
| **5** | Search | Button | |  |  |  |
| **6** | Seach Data | Table Grid | |  |  |  |

### UI-6.2: Catalog Viewer

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Catalog Viewer | | | | | | |
| **Interface No.** | | | UI-6.2 | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\catalogdefinition.png | | | | | | |
| Data dictionary reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Search Data | Table Grid | |  |  |  |
| **2** | Edit | Link | |  |  |  |
| **3** | Delete | Link | |  |  |  |

### UI-6.3: Member Profile

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Member Profile** | | | | | | |
| **Interface No.** | | | *UI-6.3* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\mamberprofiles.png | | | | | | |
| Data dictionary reference | | | | | | |
| **Sr#** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Full Name | Text Box | | Text | *150* |  |
| **2** | Department | Combo Box | | Text | *50* |  |
| **3** | Designation | Combo Box | | Text | *50* |  |
| **4** | User Role | Combo Box | | Text | *50* |  |
| **5** | Username | Combo Box | | Text | *50* |  |
| **6** | Password | Combo Box | | Password | *50* |  |
| **7** | Email Address | Text Box | | Text | *50* |  |
| **8** | Email Password | Text Box | | Password | *50* |  |
| **9** | Save | Button | |  |  |  |
| **10** | Cancel |  | |  |  |  |

### UI-6.4Login

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Login | | | | | | |
| **Interface No.** | | | *UI-6.4* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Sajid\mockups\Login.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | User Name | Text Box | | Text | 50 |  |
| **2** | Password | Text Box | | Text | 50 |  |
| **3** | Login | Button | |  |  |  |
| **4** | Forgot Password | Link | |  |  |  |

### UI-6.5 File Server Configuration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| File Server Configuration | | | | | | |
| **Interface No.** | | | *UI-6.5* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\fileserversettings.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Server Name | Text Box | | Text | 50 |  |
| **2** | IP Address | Text Box | | Text | 12 |  |
| **3** | Login | Text Box | | Text | 50 |  |
| **4** | Password | Text Box | | Text | 50 |  |
| **5** | Network folder Path | File Uploader | | Text | MAX |  |

### UI-6.6 Database Server Configuration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Database Server Configuration | | | | | | |
| **Interface No.** | | | *UI-6.6* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| *C:\Users\Azeem\Desktop\work\Mockups\databasesetting.png* | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Server Name | Text Box | | Text | 50 |  |
| **2** | IP Address | Text Box | | Text | 12 |  |
| **3** | Database Name | Text Box | | Text | 50 |  |
| **4** | Login | Text Box | | Text | 50 |  |
| **5** | Password | Text Box | | Text | 50 |  |

### UI-6.7Email Server Configuration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Email Server Configuration | | | | | | |
| **Interface No.** | | | *UI-6.7* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| *C:\Users\Azeem\Desktop\work\Mockups\emailsettings.png* | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Server Name | Text Box | | Text | 50 |  |
| **2** | IP Address | Text Box | | Text | 12 |  |
| **3** | Email Account Type | Combo Box | | Text | 50 |  |
| **4** | Login | Text Box | | Text | 50 |  |
| **5** | Password | Text Box | | Text | 50 |  |
| **6** | Save | Button | |  |  |  |
| **7** | Cancel | Button | |  |  |  |

### UI-6.8 Company Profile

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Company Profile | | | | | | |
| **Interface No.** | | | *UI-6.8* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| *C:\Users\Azeem\Desktop\work\Mockups\companyprofile.png* | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Company Name | Text Box | | Text | 50 |  |
| **2** | Business Type | Text Box | | Text | 50 |  |
| **3** | Address | Text Box | | Text | 500 |  |
| **4** | Phone | Text Box | | Text | 150 |  |
| **5** | Email | Text Box | | Text | 50 |  |
| **6** | Country | Text Box | | Text | 50 |  |
| **7** | City | Text Box | | Text | 50 |  |
| **8** | Save | Button | |  |  |  |
| **9** | Cancel | Button | |  |  |  |

### UI-6.9 Workflow Information

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Workflow Information | | | | | | |
| **Interface No.** | | | *UI-6.9* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\workflowprocess.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Workflow Name | Text Box | | varchar | 100 |  |
| **2** | Description | Textarea | | varchar | MAX |  |
| **3** | Catalog | ComboBox | | Text |  |  |
| **4** | Document Type | ComboBox | | varchar | 100 |  |
| **5** | Messaging Type | ComboBox | | varchar | 50 |  |
| **6** | Enable Retention | Checkbox | | bit | 50 |  |
| **7** | Add workflow member | Button | |  |  |  |

### UI-6.10 Workflow Process

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Workflow Process | | | | | | |
| **Interface No.** | | | *UI-6.10* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\workflowdt.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Catalog | ComboBox | | varchar |  |  |
| **2** | Document Type | ComboBox | | varchar |  |  |
| **3** | Search | Button | | Text |  |  |
| **4** | Workflow ID | Datagrid | | int |  |  |
| **5** | Workflow Name | Datagrid | |  |  |  |
| **6** | Edit | Link | |  |  |  |
| **7** | Delete | Link | |  |  |  |

### UI-6.11 Workflow Members

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Workflow Members | | | | | | |
| **Interface No.** | | | *UI-6.11* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\workflowmembers.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | User | Combo Box | | varchar |  |  |
| **2** | Authentication Order | Text box | | varchar |  |  |
| **3** | Retain Type | Combo Box | | Text |  |  |
| **4** | Retain For | Text Box | | Text |  |  |
| **5** | Workflow Name | Datagrid | |  |  |  |
| **6** | Save | Button | |  |  |  |
| **7** | Cancel | Button | |  |  |  |
| **8** | User ID | Table | |  |  |  |
| **9** | Username | Table | |  |  |  |
| **10** | Authentication order | Table | |  |  |  |
| **11** | Retain Type | Table | |  |  |  |
| **12** | Retain for | Table | |  |  |  |
| **13** | Edit | Link | |  |  |  |
| **14** | Delete | Link | |  |  |  |

### UI-6.12Document Properties

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Document Properties | | | | | | |
| **Interface No.** | | | *UI-6.12* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\documentproperties.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Catalog | Combo Box | | varchar |  |  |
| **2** | Document Type | Combo Box | | varchar |  |  |
| **3** | Property Name | Text box | | Text |  |  |
| **4** | Data Type | Combo Box | | varchar |  |  |
| **5** | Control Type | Combo box | |  |  |  |
| **6** | Data Length | Text box | |  |  |  |
| **7** | Is optional | Checkbox | |  |  |  |
| **8** | Save | button | |  |  |  |
| **9** | Save and add another | button | |  |  |  |
| **10** | cancel | button | |  |  |  |
| **11** | Property id | Table | |  |  |  |
| **12** | Property Name | Table | |  |  |  |
| **13** | Data type | Table | |  |  |  |
| **14** | Is optional | Table | |  |  |  |
| **15** | Edit | Table | |  |  |  |
| **16** | Delete | Table | |  |  |  |

### UI-6.13General Definition

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| General Definition | | | | | | |
| **Interface No.** | | | *UI-6.13* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\generaldefinition.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Document type | Combo Box | | varchar |  |  |
| **2** | Definition Name | Text box | | varchar |  |  |
| **3** | Retain type | Text box | | Text |  |  |
| **4** | Is Active | Checkbox | | varchar |  |  |
| **5** | Save | Button | |  |  |  |

### UI-6.14 View General Definitions

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| View General Definition | | | | | | |
| **Interface No.** | | | *UI-6.14* | | | |
| **Use case Reference** | | |  | | | |
| **Snapshot** | | | | | | |
| C:\Users\Azeem\Desktop\work\Mockups\generaldefinitiondt.png | | | | | | |
| Data Dictionary Reference | | | | | | |
| **Sr #** | **Field** | **Control Type** | | **Data Type** | **Length** | **Format** |
| **1** | Definition type | Combo Box | | varchar |  |  |
| **2** | Search | Button | |  |  |  |
| **3** | Sr id | Table | |  |  |  |
| **4** | Definition Name | Table | |  |  |  |
| **5** | Edit | Table Link | |  |  |  |
| **6** | Delete | Table Link | |  |  |  |