**Final Project**

**Project Name**: Documents Management System

**Purpose**: This project will help users generate documents based on defined templates and help them manage their created documents.

**Resources**: This project must support managing multiple templates. At this time, we provide 2 templates:

|  |  |  |
| --- | --- | --- |
| **Document Type** | **Document Name** | **Document Template** |
| COM-CA-TPL | Configuration Audit Report | COM-CA-TPL Configuration Audit Report.docx |
| COM-CAR-TPL | Causal Analysis and Resolution Report | COM-CAR-TPL CAR Report 5-Why.docx |

**High level Requirements:**

* Login
* Dashboard
  + Documents
  + Users
  + Profile

**Detail Requirements:**

1. **Login**
   1. User able to sign up new account
      1. User need to provide 3 information: Username, Email, Password
      2. Notify error when
         1. Username less than 4 characters
         2. Email isn’t a valid email address
         3. Email is in use
         4. Password less 7 characters
      3. Display a message and button after sign up success
         1. Message: Your registration is successful!
         2. Button: Sign in
         3. Click Sign in button will navigate to Sign in page
      4. User have role: ROLE\_USER
   2. User able to sign in to the system
      1. User need to enter Username or Email, Password
      2. Notify error when
         1. Username or Email not found
         2. Invalid password
      3. Navigate user to dashboard
   3. System must have a default admin
      1. Admin have Username = admin, Email = [admin@mail.com](mailto:admin@mail.com), Password = password
      2. Admin has role: ROLE\_ADMIN
      3. Admin can login to system like another user
      4. Navigate to dashboard when login success
2. **Dashboard**
   1. Header
      1. There are 3 menus: Documents, Users, Profile
         1. Menu Documents
            1. Default navigate to this menu when user sign in success
            2. Active this menu will navigate to Documents page
         2. Menu Users
            1. Only user has AMDIN\_ROLE can see this menu
            2. Active this menu will navigate to Users page
      2. Logout button on the right
      3. Name of logged in user next to logout button
         1. Active this user account will navigate to Profile page
   2. Documents
      1. Documents page for USER\_ROLE
         1. Display a table with these columns name:
            1. No.

Auto generated from 1 to end

* + - * 1. Type

Types of document selected saved when Create document

* + - * 1. Title

Entered on Create/Edit document page

* + - * 1. Updated

Last time create/update document

* + - * 1. Status

Have 2 options: New/Approved

* + - * 1. Actions

View/Edit/Delete/Export button

Click View button will navigate to View document page for USER\_ROLE

Click Edit button will navigate to Edit document page

Click Deleted button will show a modal

Title: Warning

Description: Are you sure to delete this version?

Buttons: Yes/No

Click Yes will delete and hide that version on table

Click No will close modal

Click Export button will export a document (.doc/.docx) that filled all information of selected document

* + - 1. Table sorted by last updated date
      2. Table support filter by Type
      3. Table support search by title
      4. Table have pagination
      5. On the top right outside of table has a button name: Create New Document
         1. Click that button will open a modal
         2. On modal display list of document types (at this time there are 2 document types)
         3. On modal have 2 button: Cancel, Create

Click Cancel button will close modal

Click Create button will navigate to Create document page

* + 1. Create document page (this page will help create document base on template selected)
       1. On the top left of this page, display Back icon + Title (Create new document: ) + Document Name.
          1. Click Back icon will navigate to Documents page
       2. An input to enter document title
          1. Required
          2. Max 500 characters
       3. All black text on template should display as label
       4. All red text on template should defined as input/textarea and can be edited
       5. All blue text on template are single select
       6. On bottom have 2 buttons: Create, Export
          1. Click Create button will

Save title, all red text, all blue text to database

Display a message and button after save success

Message: You have created a new document!

Button: OK

Click OK button will navigate to Documents page

On Documents page should display document on the top of table

* + - * 1. Click Export button will display a modal

Title: Export

Description: This will create and export the document, do you want to continue ?

Buttons: OK/Cancel

Click OK will export a document(.doc/.docx) that filled all information entered.

Click Cancel will close modal

* + 1. Edit document page
       1. Same as Create document page but there are some difference below
          1. Fill out all information of editing document to the form
          2. Create button change to Update button
          3. Click update button will save change
    2. View document page for USER\_ROLE
       1. View all information on the form, disabled all input data
       2. An Export button at the bottom
          1. Click Export button will

Export a document (.doc/.docx) that filled all information of the viewing document.

* + 1. Documents page for ADMIN\_ROLE
       1. Same as Documents page for USER\_ROLE but there are some difference below
          1. Add a column User

Who created that document

* + - * 1. Column Actions have 2 buttons : View and Export

Click View button will navigate to View document page for ADMIN\_ROLE

Click Export button will export a document (.doc/.docx) that filled all information of selected document

* + 1. View document page for ADMIN\_ROLE
       1. View all information on the form, disabled all input data
       2. An Confirm button at the bottom
          1. Click Confirm button will

Update document status from NEW to APPROVED

* + 1. Users page
       1. A table display all users register on the system
    2. Profile page
       1. Display information of logged user
  1. Footer
     1. Display name of student who implements this system.