Enterprise Security Configuration and Compliance (ESC2)

Web User Interface Design

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# Screen Layouts

The following screen designs are required for the Minimum Viable Product (MVP) for the ESC2 system. Additional screens will be added as the system grows into a full compliance and reporting system.

## Home Screen (Logged Out)

Graphical user interface, text, application, email

Description automatically generated

**Details**

This screen is the first screen shown when a user hits the web site. Users hit the Login menu button to proceed to the login screen.

## Login Screen

Graphical user interface, text, application

Description automatically generated

**Details**

Allow users to enter basic username password.

Extended Requirements

* 2 Factor Auth
* Security Notification screen listing user understanding of security tracking.

## Home Screen (Logged In)

Graphical user interface

Description automatically generated

**Details**

This screen will provide basic dashboard of activity. Additional requirements will be gathered to allow for additional dashboard displays to be shown.

## Assets (Details) Screen

Graphical user interface

Description automatically generated

**Details**

The Assets screen shows all assets that are being tracked by ESC2. The assets are seen on the left in a hierarchical tree grouped by Asset Group.

The details tab shows the high-level information on the asset.

Extended Requirements

* Show Asset Type

## Assets (Activity) Screen

Graphical user interface

Description automatically generated

**Details**

The activity screen shows system loads and other metrics on the asset. Not all assets will have metric activity available.

## Assets (Implementations and Audits) Screen

Graphical user interface

Description automatically generated

**Details**

The Implementations and Audits screen will show the history of all Implementations and the Audits for the specified asset.

## To Do Screen

Table

Description automatically generated

**Details**

The To Do list will show all open activities that need to be completed.

Extended Requirements

* It should be able to be filtered
  + Open
  + Specific user
  + All.

## Implementation Screen

Graphical user interface, text, application, email

Description automatically generated

**Details**

The Implementation Screen allows users to complete a security implementation. The list of all vulnerabilities to address are show on the left. The steps to implement and document are shown on the right side.

Extended Requirements

* It may be necessary to utilize a set of tabs on the right to make viewing data easier.

## Audit Screen

Graphical user interface, text, application, email

Description automatically generated

**Details**

The audit screen allows an auditor to review the work that was completed on the Implementation Screen. The auditor may verify or reject the steps that were taken by the implementor.

Extended Requirements

* It may be necessary to implement a set of tabs on the right to better organize data.

## Implementation Guides Screen

Table

Description automatically generated

**Details**

This screen shows all of the implementation guides that have been imported into the ESC2 system. It allow users to click the view hyperlink to get the details of each.

## Import Guide Screen

Graphical user interface, table

Description automatically generated

**Details**

The screen shows a list of available Implementation Guides to pick. Already imported guides should not be show.

Extended requirements

* The screen shows the ability to download the guides from a centralized server. This will not be part of the MVP. As such, users will need to be able to pick a local file STIG file.

## Implementation Guide Editor Screen

Graphical user interface, text, application

Description automatically generated

**Details**

This screen will be read-only for non admins. Administrators will have full access to the edit and revert functionality.

It allows an Implementation Guide to be customized for the needs of the company. Admins can also revert the customization back to the original state if needed.

## Logout Screen

Graphical user interface, text, application, email

Description automatically generated

**Details**

User is logged out from the server and all state cleared from the web browser.

# Administrator Screens

Administrators will have access to additional menu items and screens.

To Be Designed

* Users Screen
* User Editor
  + Set user Role
  + Reset Password
* SysLog Server Settings
* Workflow History
* Asset Groups Editing
* Asset Types Editing