Sprint 3 Plan - [USSF] GRC Control Kubernetes

Team Roles

- **Product Owner (Iteration 3)**: Maitreya Niranjan
- **Scrum Master (Iteration 3)**: Duy Vu

User Stories

Feature: Download and view the GRC report as a CSV

- **As a user** of the application
- **So that** I can download the report to my local machine
- **I want** to convert the report to CSV format and download it

Feature: New RunTime Object Page

- **As a user** of the application
- **So that** I can create a new run-time object for scanning.
- **I want** a form where I can give details of the new object.

Feature: View RunTime Objects in Home Page

- **As a user** of the application
- **So that** I can view all my run-time objects
- **I want** a home page with a formatted list of objects created by me.

Feature: View Images of RunTime Object

- **As a user** of the application
- **So that** I can view different images associated with each run-time object created by me
- **I want** a page with a formatted list of images linked to a particular run-time object.

Feature: Edit the run-time object

- **As a user** of the application
- **So that** I can edit the existing run-time object
- **I want** a page where I can edit a particular run-time object

Feature: Delete the run-time object and all the images associated with it

- **As a user** of the application
- **So that** I can delete the existing run-time object
- **I want** a button where I can delete a particular run-time object and all its associated images.

Feature: Edit the image

- **As a user** of the application
- **So that** I can edit the existing image
- **I want** a page where I can edit a particular image
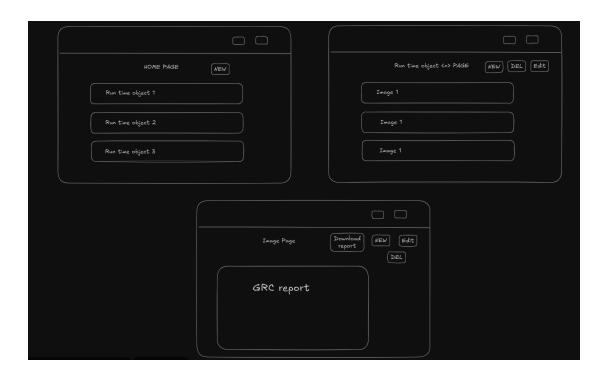
Feature: Delete the image

- **As a user** of the application
- **So that** I can delete the existing image
- **I want** a button where I can delete a particular image without affecting the other images.

Feature: Permission

- **As a user** of the application
- **So that** I want to share the runtime objects with other (read-only)
- **I want** a button to share with other users (read-only)

UI Mock-up

Sprint Goal

In Sprint 3, we will focus on enhancing the GRC Control by implementing the feature to convert reports into CSV format for easy download. We will also fix the 'reloading' bug on the report page. Additionally, the sprint will add a runtime object that manages and displays all created images. Users will be able to view images associated with each object and access detailed reports for those images. To support flexible compliance tracking, we will introduce functionality for creating new images and re-running GRC evaluations on both new and existing images. This sprint focuses on delivering smooth report handling, effective object management, and scanning capabilities.

Stories Pulled into Sprint

Story	Story Points	Sub Tasks	Sub Task Points	Assigned To
Download and view the GRC report	3	Implement download functionality	2	Medha
		Integrate report	1	Medha

		Data from the database		
Run-time object on the home page	1			Aditya
Edit Run-time object	2	Create an edit form for a run-time object	1	Shravan
		Update the run-time object in the database	1	Shravan
Delete Run-time object	1	Remove run-time object and related images from database.		Shravan
Edit Image	2			Vasudha
Delete Image	1			Vasudha
Create a new run-time object	2	Show the form for the new run-time object.	1	Aditya
		Save new object to database.	1	Aditya
Permission	3	On the runtime object detail page, there should be a button to share with other users. When tapping on the button, show a list of users that you want to share with.		Sahil

Links to Key Resources

- **GitHub Repo**: [USSF-CSCE606](#)
- **Project Management Page:** [USSF-CSCE606-Project-Management](#)
- **Slack Workspace**: [Fall 2024 CSCE606: USSF GRC Control Kubernetes](#)
- **Deployed App UR**L: [USSF-GRC](#)

Grading Approach (if applicable)

Apart from the SaaS application UI and backend, we would be exploring third-party libraries for conducting the GRC scan against a Docker Image.