

UI Estimation

Task: Improve Front-end code Time: 8hr

- In this point RxJs would be replaced with Redux for state management.
- Code organization can be re-done in any way the team feels it is necessary.

Note from Ravi: To achieve this, we will create the frontend from scratch but please confirm if this app does have the login/registration screens?

Janil: No login/registration screens. We want to keep using only Basic Auth for now.

Upon Completion: This will provide a maintainable front-end code. Vuex/Redux are simpler models of state management (rather than RxJs) (which would take Janil a few days to learn to the point of using it in the project, so he didn't) Since a lot of code is already being rewritten this is the most opportune moment to do this. If left for later, it will be a lot more work.

Task: Company editing (with CVSS mappings) Time: 8hr

- Change the Company edit form so the user can input CVSS scores mapping.
- These should be a collection of fields in the form with the format:
- CVSS mappings
 - Info (severity) - <input for ranges>
 - Low - <input for ranges>
 - Medium - <input for ranges>
 - High - <input for ranges>
 - Critical - <input for ranges>
- Any of these ranges can be empty (which should be mapped to null), but the back-end constraints should be kept.

Task: Scan listing for company Time: 8hr

- Change take the (already imported) scan listing from the "Servers" page and put in the "Company" page.

Task: Scan import page Time: 8hr

- This operation is done through the flow:
"Companies" -> Select Company -> Select Server -> (+ Import Scan) Button

- The idea is still the same, but a server does not have cloned scans anymore (the Company owns the cloned scans) and the user can customize the fields "name" and "description" of a cloned scan now. Besides that, after clicking to import a scan, the user should be directed to page in which she can observe the progress on the import.

Task: Scan importing progress listing & status Time: 12hr

- Within the company page, there will be a listing of cloned scans and a listing of on-progress scans. This listing contains scan information (like the server from which is being cloned, name and status). By clicking on an on-progress scan the user should be taken to a self-refreshing page which shows the log for the import process.

Note from Ravi: By clicking on an on-progress scan the user should be taken to a self-refreshing page which shows the log for the import process. (Please elaborate)

This task is delayed for now, there is no API endpoint yet to satisfy this feature. I'll specify this better when the time comes. But, 12hrs is enough in my point of view.

This task has been put ON HOLD! / Roadblock as of now.

Task: Scan importing logging Time: 5hr

- This view can be done with a table listing all/recent log events related to a certain scan import in progress.

- See "Scan importing progress listing & status"

Task: Add "Make Report" action to company view Time: 15hr

- The report is no longer related with a Scan but with a Company.
- The "Export DOCX" functionality should therefore be moved to the Company page.
- Another difference is that the report generation process now will be asynchronous too. So, the export action should only start the report generation process which will output a DOCX that can be downloaded later.

Task: Report listing & status per company Time: 8hr

● Since reports will spark a background process we need a place in the view for listing generated reports, their generation date, their status and if something occurs we may want to see a log or at least an error message about it.

Note from Ravi:

Please provide elaborated information on how the scanning would work in the report generation process and how the “Name” & “Description” are going to take place in it. And how many sections would be on the company’s page? And how many table listings do we have to show on the company’s page? and what would be the default component? It would be helpful if these concerns are clearly confirmed.

Upon Completion: This will provide the Reports section in Company view.

Web Service

Report Data Aggregation

● Create a function that uses the queries to collect data from the database and then aggregate into a template context.

Make Template out of example (Vulnerability Scan Template)

● We have an example of how the template should look like, so we must make a template out of it (using docxtpl)

Celery Report Generation & Status on DB

● Create a model for storing information about the report generation in progress and create Celery tasks for collecting data, generating the context, the template and keep track of the progress.

There should be an API endpoint for receiving a list of generated/generating reports as well as an endpoint for getting status on that process.

Web UI: Scan Dashboard

2-Scan difference view

Task has been removed

Specific vulnerability information popup (optional)

Task has been removed.

Notes:

Ravi: We did not find any create company form in the tasks list only "edit company" screen & task has been provided, please provide more info on how the company will be created

Janil: It is the same as Edit Company.

Ravi: What would be the default page?? Is it a company listing page or any other page?

Janil: Can be a blank page or company listing whatever the front-end team will give a better feel