



OSCRAT

Open-Source Cyber Resilience Act Tools

OSCRAT – Testing Report M9

Submission date: 12/09/2025

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Accepted by: OSCRAT Steering Committee



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The project funded under Grant Agreement No. 101190180 is supported by the European Cybersecurity Competence Centre.

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OSCRAT: Testing Report M9

Project acronym	OSCRAT
Project title	Open-Source Cyber Resilience Act Tools
Number	101190180
Work package	WP3 – Software Design and Development
Due Date	31/08/2025
Submission Date	12/09/2025
Lead Partner	OVES Enterprise
Author name(s)	Liliana Hornea
Version	2.0
Language	English
Format	Digital
Status	Final Version
Type:	<input checked="" type="checkbox"/> R – Document, Report <input type="checkbox"/> DEC – Websites, patent filings, videos, etc. <input type="checkbox"/> DEM – Demonstration, pilot, prototype
Dissemination level:	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Sensitive

Abstract

This QA Test Report presents the verification and validation of four core functionalities within the OSCRAT platform: Add Product, List Product, Product Detailed Page, and Version Detailed Page.

The Add Product module enables the creation of new product records with required metadata fields and validation checks. The List Product view displays all registered products in a sortable and filterable data table, supporting quick access to relevant entries. The Product Detailed Page retrieves and displays full product attributes, linked versions, and associated assets. The Version Detailed Page provides version-level data, including linked assessments, vulnerabilities, incidents, SBOM files, and related activity logs.

Test execution was performed using mocked data sets; results may vary when integrated with live production data.

Keywords

Test scenario, functionality, methodologies

Executive Summary

The **Executive Summary** provides a concise overview of the report's purpose and key findings.

This report provides a detailed review of the progress made between June and August 2025 in the development of the OSCRAT platform. The test focused on four core functionalities of the platform:

1. Add Product;
2. List Product;
3. Product Detailed Page;
4. Version Detailed Page.

These components were evaluated against functional requirements, usability expectations and business logic to ensure compliance with the project's objectives and alignment with CRA-related workflows.

The test execution confirmed that all the implemented features perform as intended, with form validation, navigation and data consistency behaving reliably across different scenarios. Additional regression and exploratory testing reinforced the stability of the system, confirming that recent enhancements did not compromise previously validated functionalities.

Key Achievements:

- Successful implementation and validation of the four main product-related functionalities (Add Product, List Product, Product Detailed Page, Version Detailed Page).
- Database restructuring to support product versioning and lifecycle management.
- Development of an automated SBOM generation pipeline, integrated with external repositories (GitHub, GitLab, Bitbucket).
- UI/UX refinements across the platform, improving usability and consistency with design guidelines.
- Regression testing confirming stability of previously released functionalities.

Challenges identified:

- The need for continuous alignment between WP2 requirements and WP3 implementation to ensure specifications are fully actionable.
- Dependency on external datasets and live integrations, which may introduce variability in test outcomes compared to mocked environments.
- Ongoing effort required to integrate additional modules (e.g., vulnerabilities, incidents, conformity assessment) that remain partially implemented or at prototype stage.
- Ensuring performance and scalability of the platform as the volume of managed products, versions, and security reports grows.

1. Introduction

Since the first milestone, WP3 – Software & Development has progressed with steady improvements, focusing on the implementation of structured functionalities and enhanced workflows. The development activities have concentrated on defining user interactions, aligning UI expectations with project requirements, and translating WP2 outputs into clear, actionable development tasks.

The introduction of dedicated tasks within the UNICIS platform has streamlined coordination and allowed the development team to work with greater clarity and predictability.

This progress highlights the willingness of the consortium to better align the WP2 and WP3 teams, which helped the development team move with a more efficient workflow.

This structured approach ensures that functionalities are implemented consistently and that progress is supported by systematic specifications.

This QA Test Report documents the verification and validation of the following functionalities implemented in the OSCRAT platform:

- Add Product
- List Product
- Product Detailed Page
- Version Detailed Page

2. Objectives

- Validate that all functional and business requirements are implemented correctly;
- Ensure form logic (conditional flow, eliminatory rules and results screens) works as intended;
- Confirm data integrity and interactivity across product-related views;
- Verify that usability features such as progress indicators and tabbed navigation are intuitive and stable.

3. Testing Methodologies Used

To ensure thorough and reliable coverage, the following testing methodologies were applied:

1. **Manual Functional Testing:**

- Step- Step-by-step validation of UI workflows, logic conditions, and form behaviour;
- Performed in modern desktop browsers to simulate end-user interaction;
- Focused on validating business rules (e.g., eliminatory answers stop the form);

2. **Exploratory Testing:**

- Performed around area involving conditional branching, dynamic screen changes and tab-based product sections;
- Allowed identification of unexpected behaviours and edge cases not explicitly documented.

3. **Black Box Testing:**

- Tests were written from the perspective of an end user, without knowledge of the internal code.
- Inputs and outputs were validated against expected behaviour, especially in areas like form validation, progress tracking, and data filtering

4. **Regression Testing:**

- Ensured that enhancements or fixes did not break previously working functionality like Search and Filter options

4. Functionality Overviews

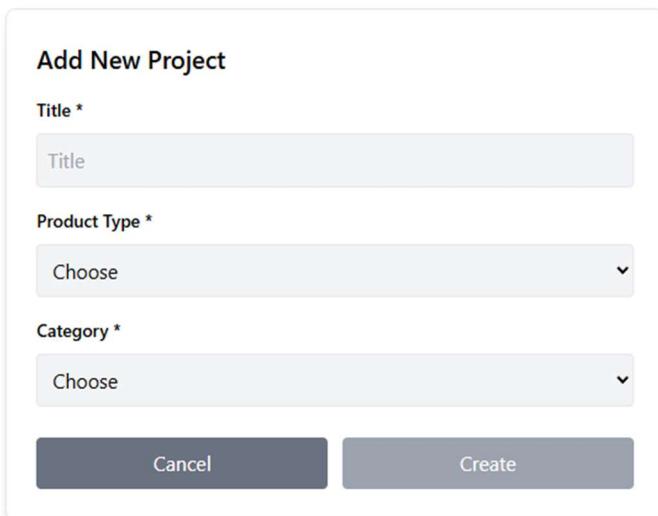
4.1. Add Product functionality

The "Add Product" functionality allows users to add a new product through a pop-up interface. The pop-up contains three mandatory fields: a free text input for the title, and two dropdowns for selecting the product type and category. The "Create" button is only enabled when all three fields are filled. The user can also cancel the action by clicking the "Cancel" button, which will close the pop-up without making any changes

Key Behaviours

1. Click the "Add Product" Button:

A pop-up window with three fields will be shown:



The form is titled "Add New Project". It has three required fields: "Title *", "Product Type *", and "Category *". Each field has a placeholder text ("Title", "Choose", "Choose") and a dropdown arrow. Below the fields are two buttons: "Cancel" and "Create". The "Create" button is currently disabled.

Figure 1: Add product pop-up

- Title (text input);
- Product Type (Dropdown menu);
- Category (Dropdown menu);
- Cancel and Create button (disabled)

Product Type *

Choose

- Choose
- Connected Device
- IoT Device
- Smart Home Device
- Wearable Device
- Industrial Device
- Security Hardware
- Application Software
- System Software
- Security Software
- Embedded Software
- Firmware
- Hardware with Software
- Remote Data Processing

Category *

Choose

- Choose
- Default
- Important Class I
- Important Class II
- Critical

Figure 3: Product type & Category drop down values

Figure 2: Product type & Category drop down values

2. Fill in the fields:

- Enter a value in the Title text input;
- Select a value from the Product Type dropdown;
- Select a value from the Category dropdown
- Once all the fields are filled, the Create button will be enabled


 Create

Figure 4: Enabled Create button

3. Test Cases:

Test Case ID	Test Case Description	Input	Expected Result
TC-1	Test that the pop-up opens when the "Add Product" button is clicked	Click "Add Product" button	Pop-up appears with Title (text input), Product Type (dropdown), and Category (dropdown)
TC-2	Test that the Create button is disabled when Title is empty	Leave Title input empty, select values for Product Type and Category	Create button is disabled
TC-3	Test that the Create button is disabled when Product Type is empty	Enter Title, leave Product Type empty, select value for Category	Create button is disabled
TC-4	Test that the Create button is disabled when Category is empty	Enter Title, select value for Product Type, leave Category empty	Create button is disabled
TC-5	Test that the Create button is enabled when all fields are filled	Enter Title, select values for Product Type and Category	Create button is enabled
TC-6	Test that the Create button adds a product when clicked	Enter valid values for Title, Product Type, and Category	Product is added successfully
TC-7	Test that the Cancel button closes the pop-up without making changes	Click Cancel button	Pop-up is closed, and no product is added
TC-8	Test that the Title input accepts text input	Enter some text in the Title input	Title input accepts and displays text
TC-9	Test that the dropdowns accept predefined values	Select values for Product Type and Category	Dropdowns show correct values and selections are reflected

Table 1: Add Product - Test Cases and Expected Results

4.2. List of products

Once a product is created, it will be displayed with its name and two buttons: "Go to form" (which redirects to the Product Eligibility form) and "Show More" (which opens the product page). Below the product name, several pieces of information are displayed, including the Category, Role, Open Incidents, Open Vulnerabilities, External Reporting, and Status. This helps users get detailed insights about the product.



The screenshot shows a product card with the following details:

- Header: TESTING PRODUCT WITH NUMBERS 123
- Buttons: Go to form (blue button), Show More (white button)
- Information fields:
 - Category: Important Class II
 - Role: Importer
 - Open Incidents: None
 - Open Vulnerabilities: None
 - External Reporting: N/A
 - Status: Not Assessed

Figure 5: Added product

Key Behaviours

1. Product Display:

- After creating a product, the product's name will appear on the screen.

2. Buttons:

- Go to Form:** clicking this button will redirect the user to the Product Eligibility Form;
- Show More:** clicking this button will openm the detailed product page.

3. Product Information Labels:

Beneath the product name, the following labels will be displayed:

- Category:** from the add product feature;
- Role:** import, manufacturer, distributor;
- Open Incidents:** number of incidents;
- Open Vulnerabilities:** number of vulnerabilities;
- External Reporting:** company name reporting;
- Status:** compliant, pending, not compliant, not assessed

Test Cases

Test Case ID	Test Case Description	Input	Expected Result
TC-10	Test that the product name is displayed after creation	Create a product	Product name is displayed on the screen
TC-11	Test that the "Go to form" button redirects to the Product Eligibility form	Click "Go to form" button	User is redirected to the Product Eligibility form
TC-12	Test that the "Show More" button opens the product page	Click "Show More" button	User is redirected to the product's detailed page
TC-13	Test that the Category label shows the selected category	Select a category during product creation	The correct category is displayed under the product name
TC-14	Test that the Role label displays the selected role	Choose a role during team creation (Importer, Manufacturer, Distributor)	The correct role is displayed under the product name
TC-15	Test that the buttons (Go to form and Show More) are present and functional	After product creation	Both buttons appear and function correctly

Table 2: List of Products - Test Cases and Expected Results

4.3. Product detailed page

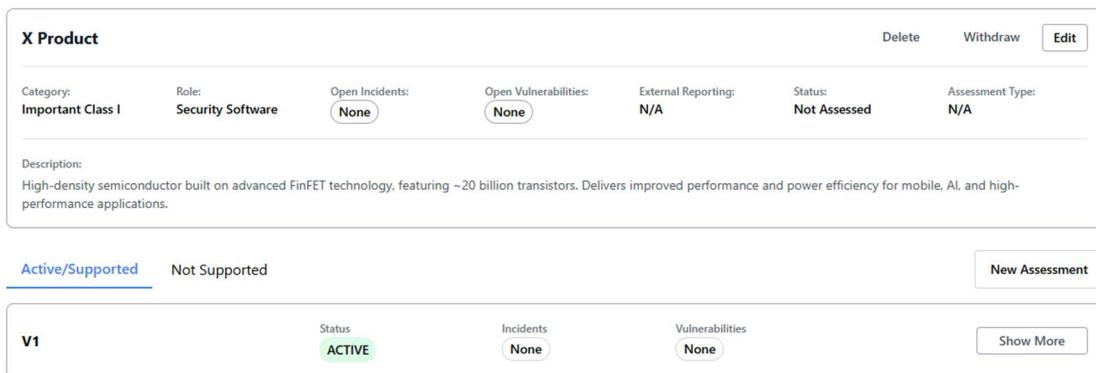
The Product Detailed Page provides a detailed view of the product, showing the same information as the product display page, along with additional actions and features. The page includes three buttons: Delete, Withdraw, and Edit (not yet implemented). The page also displays key labels like Category, Role, Open Incidents, Open Vulnerabilities, External Reporting, Status, and a new label for Assessment Type. Below the labels, a product description is shown, followed by two tabs: Active/Supported (displays supported versions) and Not Supported (displays unsupported versions). The page also includes a New Assessment button that allows users to add a new version, opening a Create Version tab with fields for Version Name and Status.

Key Behaviours

1. Product Information

The product name is displayed at the top of the page, followed by three buttons:

- **Delete:** clicking this button will open a pop-up asking for confirmation. The user can choose Cancel to cancel the deletion or Delete to permanently remove the product.
- **Withdraw:** Clicking this button will open a pop-up asking for confirmation to withdraw the product. The user can choose Cancel to cancel the action or Withdraw to deactivate the product.
- **Edit:** not yet implemented



The screenshot displays the 'Product Detailed Page' for a product named 'X Product'. At the top, there are three buttons: 'Delete', 'Withdraw', and 'Edit'. Below these are several key labels with their values: Category: 'Important Class I', Role: 'Security Software', Open Incidents: 'None', Open Vulnerabilities: 'None', External Reporting: 'N/A', Status: 'Not Assessed', and Assessment Type: 'N/A'. A 'Description' section follows, stating: 'High-density semiconductor built on advanced FinFET technology, featuring ~20 billion transistors. Delivers improved performance and power efficiency for mobile, AI, and high-performance applications.' Below this, there are two tabs: 'Active/Supported' (which is underlined in blue) and 'Not Supported'. A 'New Assessment' button is located to the right of the tabs. The 'Active/Supported' tab shows a single version 'V1' with details: Status: 'ACTIVE', Incidents: 'None', and Vulnerabilities: 'None'. A 'Show More' button is located to the right of this section.

Figure 6: Product information and Active / Supported version

2. Product Details:

Beneath the buttons, the following labels are displayed with corresponding information:

- **Category;**
- **Role;**
- **Open Incidents;**
- **Open Vulnerabilities;**
- **External Reporting;**
- **Status;**
- **Assessment Type.**

3. Product Description:

A description of the product is displayed below the product labels.

4. Tabs for Versions:

- **Active/Supported Tab:** displays the versions of the product that are currently active and supported;
- **Not Supported Tab:** displays the versions of the product that are no longer supported

5. New Assessment Button:

Clicking the New Assessment button the Create Version tab, which contains:

- **Version Name** (free text input) - Mandatory;
- **Status:** dropdown;
- **Cancel** button;
- **Create** button (clicking this will add the new version).

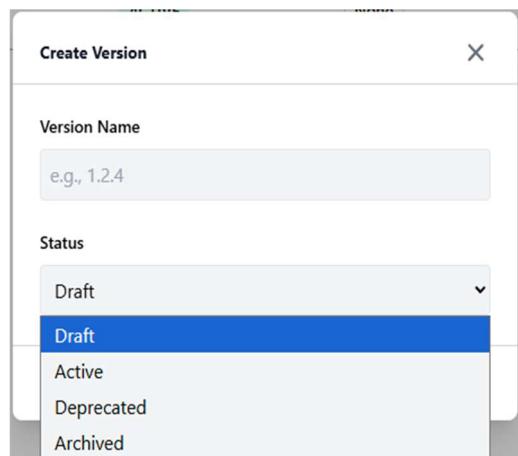


Figure 7: Create version pop-up

Test Cases

Test Case ID	Test Case Description	Input	Expected Result
TC-16	Test that the product name is displayed on the detailed page	Create and view a product detailed page	Product name is displayed
TC-17	Test that the Delete button triggers the delete confirmation pop-up	Click the "Delete" button	A pop-up appears with the message "Are you sure you want to delete this product?" and two buttons: Cancel and Delete
TC-18	Test that clicking the Delete button deletes the product	Confirm deletion by clicking "Delete"	Product is deleted and removed from the list
TC-19	Test that clicking Cancel in the Delete pop-up cancels the deletion	Click "Cancel" in the Delete pop-up	Product is not deleted and remains on the page
TC-20	Test that the Withdraw button triggers the withdrawal confirmation pop-up	Click the "Withdraw" button	A pop-up appears with the message "Are you sure you want to withdraw this product?" and two buttons: Cancel and Withdraw
TC-21	Test that clicking the Withdraw button deactivates the product	Confirm withdrawal by clicking "Withdraw"	Product is marked as deactivated
TC-22	Test that clicking Cancel in the Withdraw pop-up cancels the withdrawal	Click "Cancel" in the Withdraw pop-up	Product is not deactivated and remains active
TC-23	Test that the labels (Category, Role, Open Incidents, Open Vulnerabilities, External Reporting, Status, and Assessment Type) are correctly displayed	View a product with all details filled in	Labels display the correct product information
TC-24	Test that the description of the product is displayed under the labels	Create a product with a description	Product description is displayed below the labels
TC-25	Test that the Active/Supported tab displays supported versions	View a product with active versions	Active versions are displayed in the Active/Supported tab
TC-26	Test that the Not Supported tab displays unsupported versions	View a product with unsupported versions	Unsupported versions are displayed in the Not Supported tab
TC-27	Test that the "New Assessment" button opens the Create Version tab	Click "New Assessment" button	Create Version tab opens with fields for Version Name and Status
TC-28	Test that the Create Version tab accepts input for Version Name	Enter a name for the version	Version Name field accepts free text input
TC-29	Test that the Status dropdown in Create Version tab is functional	Select a status from the dropdown	The correct status is selected and displayed
TC-30	Test that the Cancel button in Create Version tab closes the tab without saving	Click "Cancel" button in Create Version tab	Create Version tab is closed without creating a new version
TC-31	Test that the Create button in Create Version tab creates a new version	Click "Create" after filling Version Name and Status	A new version is added and displayed in the corresponding tab
TC-32	Test that the error message "Version name is required" is displayed when Version Name is empty and Create is clicked	Leave Version Name empty, select a status, click "Create"	Error message "Version name is required" appears below Version Name input

Table 3: Product Details - Test Cases and Expected Results

4.4. Version detailed page

The **Version Detailed Page** displays key details about each version, including the version name, status, incidents, vulnerabilities, followed by a Withdraw and Edit button (that will be implemented).

Also contains the Conformity Assessment section (not implemented) and the Declaration of Conformity section (not implemented). Followed by the tab section. Functionality contains mocked data that is subjected to changes.

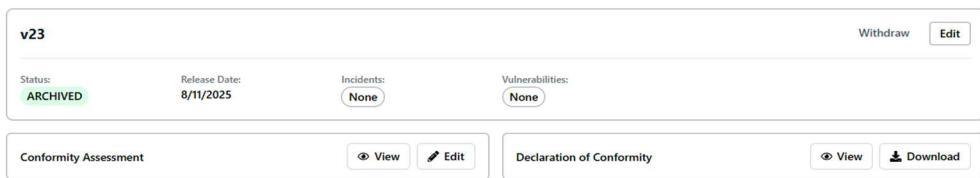
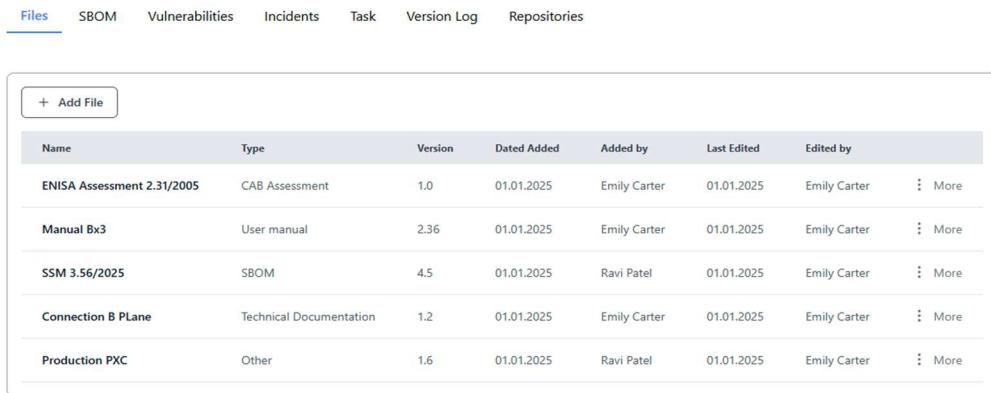


Figure 8: Version Detailed page

The tab section contains the following tabs:

- **Files:** manage file uploads and view file details;



Name	Type	Version	Dated Added	Added by	Last Edited	Edited by	More
ENISA Assessment 2.31/2005	CAB Assessment	1.0	01.01.2025	Emily Carter	01.01.2025	Emily Carter	⋮ More
Manual Bx3	User manual	2.36	01.01.2025	Emily Carter	01.01.2025	Emily Carter	⋮ More
SSM 3.56/2025	SBOM	4.5	01.01.2025	Ravi Patel	01.01.2025	Emily Carter	⋮ More
Connection B Plane	Technical Documentation	1.2	01.01.2025	Emily Carter	01.01.2025	Emily Carter	⋮ More
Production PXC	Other	1.6	01.01.2025	Ravi Patel	01.01.2025	Emily Carter	⋮ More

Figure 9: Files tab

- **SBOM:** import or generate SBOM files;

Files **SBOM** Vulnerabilities Incidents Task Version Log Repositories

Import		Generate			
Name	Status	Dated Added	Added by	Last Verified	Verified by
SSM 3.56/2025	Active	01.01.2025	Ravi Patel	-	 
SSM 3.2/2025	Archived	01.01.2025	Ravi Patel	-	
SSM 3.12/2025	Archived	01.01.2025	Ravi Patel	01.01.2025	Emily Carter 

Figure 10: SBOM tab

- **Vulnerabilities:** displays vulnerability statuses (not yet implemented);

Files	SBOM	Vulnerabilities	Incidents	Task	Version Log	Repositories
 (0)  (0)  (0)  (0)  (0)  (0)						
No vulnerabilities in this category.						

Figure 11: Vulnerabilities tab

- **Incidents:** displays incident statuses (not yet implemented);

Files	SBOM	Vulnerabilities	Incidents	Task	Version Log	Repositories
 (0)  (0)  (0)  (0)  (0)						
No incidents in this category						

Figure 12: Incidents tab

- **Task:** displays tasks related to the version (not yet implemented);

Files	SBOM	Vulnerabilities	Incidents	Task	Version Log	Repositories
 All						
No tasks in this category						

Figure 13: Task tab

- **Version Log:** contains logs related to the version (not yet implemented);



Files	SBOM	Vulnerabilities	Incidents	Task	Version Log	Repositories
Dated Added						
02.05.2025		New Incident Reported			 Preview	
23.04.2025		New Vulnerability Reported			 Preview	
12.04.2025		External Reporting Added			 Preview	
06.04.2025		New Vulnerability Reported			 Preview	
18.03.2025		Vulnerability Closed			 Preview	
12.03.2025		New Vulnerability Reported			 Preview	
04.02.2025		New Incident Reported			 Preview	
01.01.2025		Version Created			 Preview	

Figure 14: Version Log tab

- **Repositories:** user can add here repositories (implementation subjected to changes).

Files	SBOM	Vulnerabilities	Incidents	Task	Version Log	Repositories
Add New						

Figure 15: Repositories tab

Test Cases

Test Case ID	Test Case Description	Input	Expected Result
TC-33	Test that the version name, status, incidents, and vulnerabilities are displayed	Create a version and view the version details	Version name, status, incidents, and vulnerabilities are displayed correctly
TC-34	Test that the "Show More" button opens the version detailed page	Click the "Show More" button	Version detailed page opens with all sections properly displayed
TC-35	Test that the Withdraw button triggers the withdrawal confirmation pop-up	Click the "Withdraw" button	A pop-up appears asking if the user is sure about withdrawing the version
TC-36	Test that clicking Withdraw deactivates the version	Confirm withdrawal by clicking "Withdraw"	Version is marked as deactivated and no longer active
TC-37	Test that clicking Cancel in the Withdraw pop-up cancels the action	Click "Cancel" in the Withdraw pop-up	Version remains active, and no changes are made
TC-38	Test that the Edit button is visible, though not functional yet	Click the "Edit" button	The Edit button appears, but does not function as it's not yet implemented

Table 4: Version Details - Test Cases and Expected Results

Regression Testing done for Search by name and Filter – Search by Title in Products page

Test Case ID	Test Case Description	Input	Expected Result
TC-39	Test that the search bar accepts text input for searching by title	Enter a title in the search bar	The search bar accepts and displays the entered title
TC-40	Test that searching by title displays only matching products	Enter a valid title in the search bar	Only products with the matching title are displayed
TC-41	Test that searching by an invalid title shows no results	Enter a non-existent title	No products are displayed and a message "No products found" appears
TC-42	Test that searching by title is case-insensitive	Enter a title with different cases	Products with matching titles (case-insensitive) are displayed
TC-43	Test that the search results reset when the search field is cleared	Clear the search bar	All products are displayed after clearing the search bar
TC-44	Test that the search bar accepts text input for searching by title	Enter a title in the search bar	The search bar accepts and displays the entered title

Table 5: Regression testing for Search by name and Filter - Test Cases and Expected Results

Regression Testing done for Filter by Category, Role, Status and External Reporting – Products page

Test Case ID	Test Case Description	Input	Expected Result
TC-45	Test that filtering by Category displays only matching products	Select a category from the dropdown	Only products with the selected category are displayed
TC-46	Test that the filter by Category resets when changed to another category	Select a new category from the dropdown	The previously displayed products are replaced with those of the new category
TC-47	Test that filtering by Role displays only products with the selected role	Select a role (e.g., Importer, Manufacturer, Distributor)	Only products with the selected role are displayed
TC-48	Test that filtering by Status displays products with the selected status	Select a status (Compliant, Pending, Not Compliant, Not Assessed)	Only products with the selected status are displayed
TC-49	Test that filtering by External Reporting displays products from the selected company	Select a company from the dropdown	Only products reported by the selected company are displayed
TC-50	Test that the Category filter works in combination with Role, Status, and External Reporting	Select a category, role, status, and external reporting filter	Only products matching all selected filters are displayed
TC-51	Test that multiple filters work together and narrow down the displayed results	Select filters for Category, Role, Status, and External Reporting	The product list is filtered based on all selected criteria
TC-52	Test that clearing the Category filter resets the Category filter without affecting other filters	Clear the Category filter	Products are displayed based on the remaining active filters

Table 6: Regression Testing done for Filter by Category, Role, Status and External Reporting – Products page

4.5. Test Case Execution Summary by Functionality

- **Add Product:** This functionality involves the creation and validation of a product using the pop-up interface. It includes tests for ensuring proper form validation, button functionality, and product creation.
- **Product Display:** This covers the display of the product after creation, verifying that key product details are shown correctly. It also includes testing button functionalities like "Go to form" and "Show More."
- **Product Detailed Page:** Tests focus on the product's detailed page, verifying the display of relevant information and button functionality for actions like deletion and withdrawal.
- **Version Detailed Page:** This functionality includes tests for adding and displaying version information, and only displaying mocked data for the rest of the tabs and sections.

All test cases executed have passed.

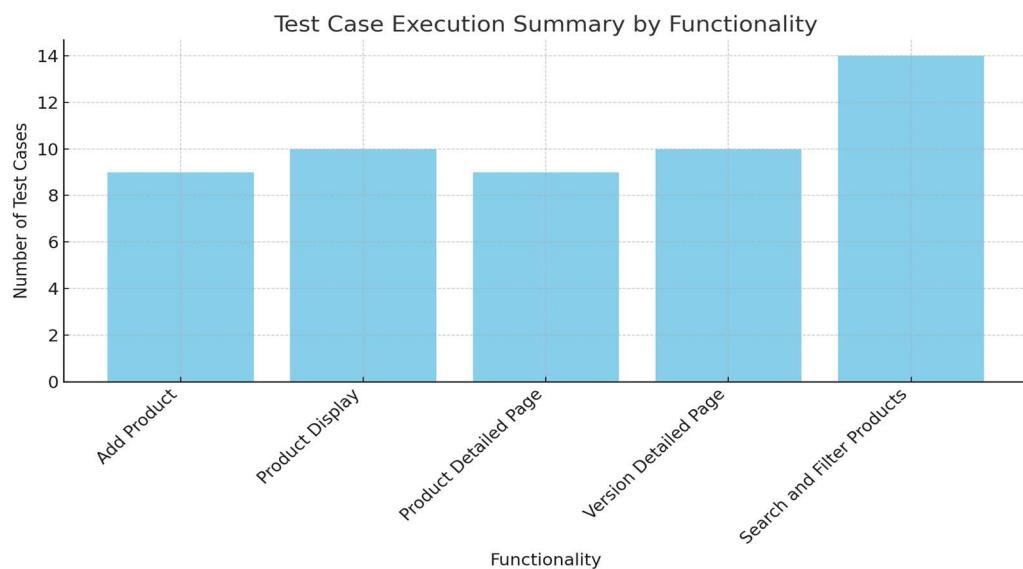


Figure 16: Bar chart for test execution

5. Dev Summary

5.1. Platform-Wide Enhancements and UI Improvements

During this milestone, we delivered comprehensive updates across the entire platform, from user interface to backend infrastructure. We implemented the redesigned Products section with all auxiliary screens, developed new Version Details interfaces for managing version-specific information, and delivered a streamlined Dashboard experience that improves navigation and usability. These frontend implementations maintain consistency with the design system while integrating seamlessly with the restructured backend services.

5.2. Platform-Wide Enhancements and UI Improvements

We restructured the database architecture to support product versioning, introducing the product version model with lifecycle states. This fundamental change migrated all security-related data from product-level to version-level associations: assessments, vulnerabilities, incidents, repositories, and SBOM reports now attach to specific versions rather than products. The migration required restructuring API endpoints, updating React components with version management capabilities, and adding performance-optimized database indices to maintain query efficiency at scale.

5.3. Automated Security Scanning Job Runner

We built a standalone job runner service for automated security scanning workflows, starting with SBOM generation. The Node.js TypeScript service uses PostgreSQL-backed job queuing with configurable concurrency, integrating with GitHub, GitLab, and Bitbucket repositories via access token authentication. The SBOM pipeline clones repositories at specific branches, tags, or commits, then uses Syft to generate both JSON format for detailed analysis and CycloneDX XML for compliance reporting. Generated reports are stored in the database with file attachments, metadata, and complete job tracking.

5.4. Monorepo Restructuring and Scalable Infrastructure Deployment

The platform was restructured as a pnpm monorepo with centralized configuration management, enabling shared dependencies and parallel development across services. We deployed the infrastructure to Railway with separate service configurations for frontend and job runner, including automated database migrations, health checks, and restart policies. This architecture establishes a scalable foundation that enhances the current user experience while enabling future features and long-term platform growth.

6. Conclusions and Recommendations

The QA validation confirms that the OSCRAT Platform's core functionalities are stable, meet business requirements, and perform as expected across all tested scenarios. No critical issues were found, and the system is ready for release pending final data validation.

Key Findings:

- All key product-related functionalities, including **Add Product**, **List Product**, **Product Detailed Page**, and **Version Detailed Page**, were successfully implemented and validated.
- Regression and exploratory testing confirmed the platform's stability, ensuring that recent enhancements did not compromise the integrity of existing functionalities.
- The integration of automated processes, such as SBOM generation, has improved the platform's efficiency and compliance capabilities.
- UI/UX improvements have significantly enhanced user experience, ensuring the platform is both intuitive and easy to navigate.

Recommendations:

1. **Focus on Full Module Integration:** While the core functionalities are stable, the integration of additional modules (e.g., vulnerabilities, incidents, and conformity assessments) should be prioritized to ensure that the platform can support all compliance and cybersecurity needs.
2. **Performance and Scalability Testing:** It is recommended that performance and scalability tests be conducted to evaluate how the platform handles large datasets, especially as the number of managed products and versions increases.
3. **Ongoing User Feedback:** Continue to gather and incorporate user feedback to refine the platform's features, focusing on improving usability and ensuring the system meets real-world needs.
4. **Address External Data Dependencies:** The platform's reliance on external datasets and live integrations should be closely monitored. Developing a strategy for testing with live data and ensuring consistency across different environments will be essential.

By following these recommendations, the OSCRAT platform will be better positioned to meet the evolving needs of SMEs, ensuring compliance with the Cyber Resilience Act while enhancing cybersecurity resilience across the European market.

7. Figma Links

- CRA Form:
[https://www.figma.com/design/wHd4c4kYUYk6MCwL3OMHr8/OSCRAT
?node-id=105-1811&t=UNhFzGQ1y40nyPjv-1](https://www.figma.com/design/wHd4c4kYUYk6MCwL3OMHr8/OSCRAT?node-id=105-1811&t=UNhFzGQ1y40nyPjv-1)
- Dashboard:
[https://www.figma.com/design/wHd4c4kYUYk6MCwL3OMHr8/OSCRAT
?node-id=260-4857&t=UNhFzGQ1y40nyPjv-1](https://www.figma.com/design/wHd4c4kYUYk6MCwL3OMHr8/OSCRAT?node-id=260-4857&t=UNhFzGQ1y40nyPjv-1)
- User Tasks:
[https://www.figma.com/design/wHd4c4kYUYk6MCwL3OMHr8/OSCRAT
?node-id=395-29152&t=UNhFzGQ1y40nyPjv-1](https://www.figma.com/design/wHd4c4kYUYk6MCwL3OMHr8/OSCRAT?node-id=395-29152&t=UNhFzGQ1y40nyPjv-1)
- Organisation Management:
[https://www.figma.com/design/wHd4c4kYUYk6MCwL3OMHr8/OSCRAT
?node-id=393-25111&t=UNhFzGQ1y40nyPjv-1](https://www.figma.com/design/wHd4c4kYUYk6MCwL3OMHr8/OSCRAT?node-id=393-25111&t=UNhFzGQ1y40nyPjv-1)



OSCRAT

Open-Source Cyber Resilience Act Tools

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Co-funded by
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Co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Cybersecurity Industrial, Technology and Research Competence Centre. Neither the European Union nor the granting authority can be held responsible for them. The project funded under Grant Agreement No. 101190180 is supported by the European Cybersecurity Competence Centre.