

Gatino - Innovation Gateway for Swinburne Vietnam

User Manual

GROUP 1

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COS40006, COMPUTING TECHNOLOGY PROJECT B, SPRING 2025

This manual contains instructions on how the public, logged-in users, and admins can use the system to perform various functions related to product management (search included) and product demonstration, which are the key features of the platform.

Please see the following pages for detailed instructions.

Manage products: Frontend

📝 Summary ↗

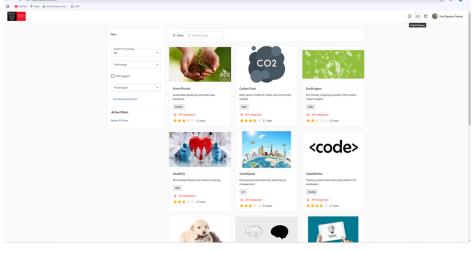
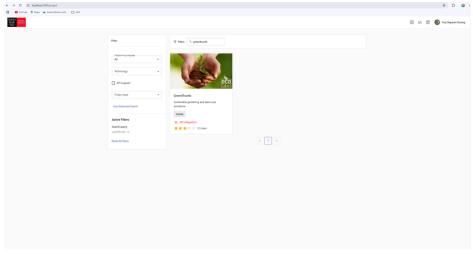
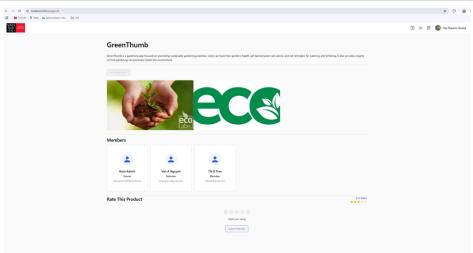
Current project health	Current project status	Project constraints
DONE		

Actor (Public, User, Admin) ↗

✓ Section 1 - Read a product

Requirement: GAT-100: [manager] => view live demo of a web-based product => learn about its novelty DONE

UI flow:

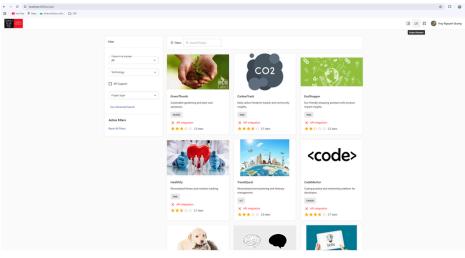
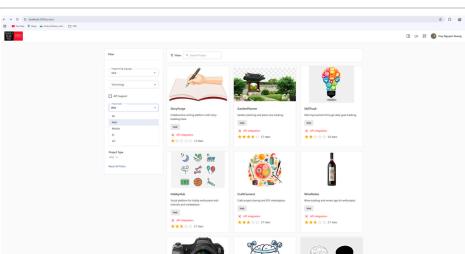
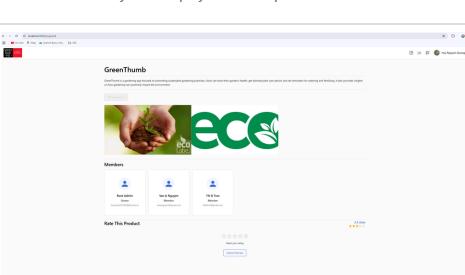
Steps	Actor	System (FE)
1	Navigate to the product browser via the navigation bar	 <p>System displays the list of the products</p>
2	(Optional) Enter the name of the product on the search bar	 <p>System displays the corresponding product card</p>
3	Click on a product card on the list	 <p>System displays basic information of that product</p>

✓ Section 2 - Read products

Requirement: GAT-137: [user] => view physical demo of a mobile app product => learn the full extent of its novelty DONE

UI flow:

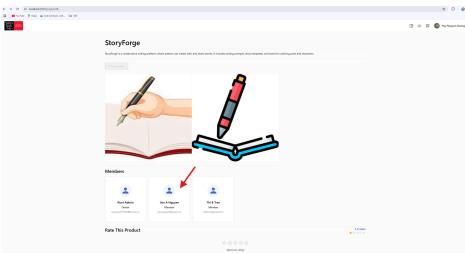
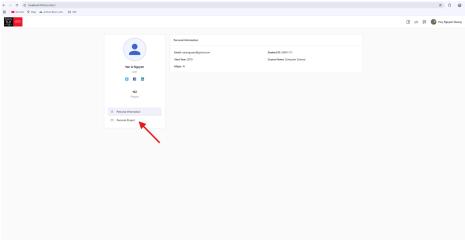
Steps	Actor	System (FE)

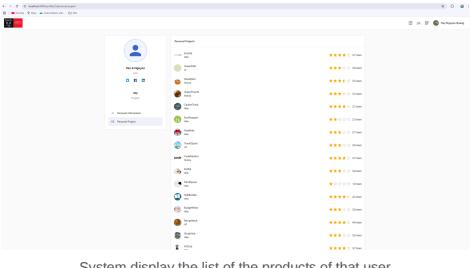
1	Navigate to the product browser via the navigation bar	 <p>System displays the list of the products</p>
2	(Optional) Enter the name keywords on the search bar or using the filter section to filter products	 <p>System displays matched product cards</p>
3	Click on a product card on the list	 <p>System displays basic information of that product</p>

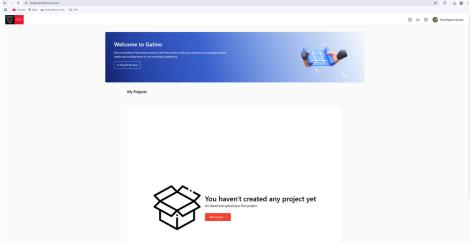
▼ Section 3 - Read products of a given user

Requirements: [GAT-79: [user] => view my dashboard => know my innovation portfolio **DONE** and [GAT-172: [user,manager,rep,ort] => view all projects of a given user **DONE**

UI flow:

Steps	Actor	System (FE)
1	Click on a product card on the list	 <p>System display a list of members</p>
2	Click on the user card on the list	 <p>System display the user basic information</p>

3	Click on Personal Project tab	 <p>System display the list of the products of that user</p>
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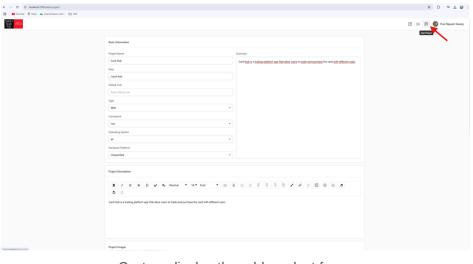
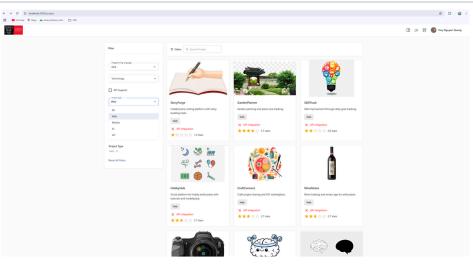
Steps	Actor	System (FE)
1	Navigate to the Dashboard page on the navigation bar	 <p>System displays all projects of the user</p>

Actor (User, Admin)

Section 7 - Create a product

Requirement:  [GAT-75: Create a product](#) DONE

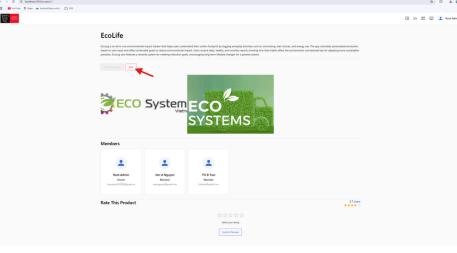
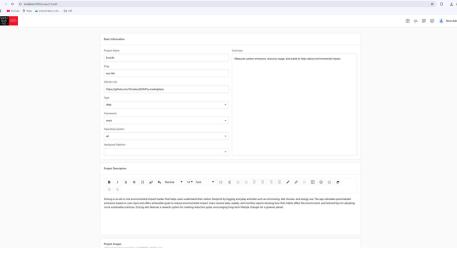
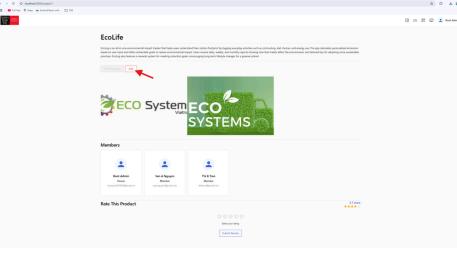
UI flow:

Steps	Actor	System (FE)
1	Navigate to the Add product page on the navigation bar	 <p>System display the add product form</p>
2	Submit the form with all of the product's information	 <p>System enqueues a Snackbar indicating that the project has been added and guide the user back to project browser</p>

Section 8 - Update a product

Requirement:  [GAT-43: Update product](#) DONE

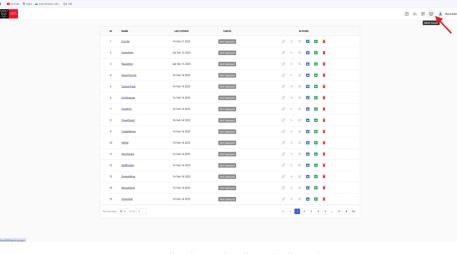
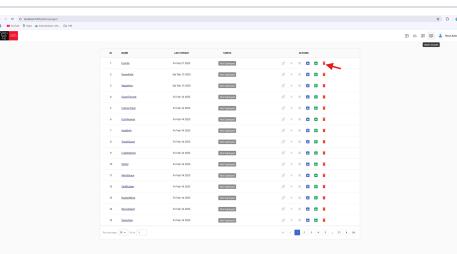
UI flow:

Steps	Actor	System (FE)
1	Click on the product card of your product	 <p>System displays the product detail with Edit button</p>
2	Click on Edit button	 <p>System displays the form with existing product data</p>
3	Change the data in the form and click Save	 <p>System enqueues a Snackbar indicating that the project has been saved and guide the user back to product detail page</p>

▼ Section 9 - Delete a product

Requirement:  **GAT-74: Delete a product** DONE

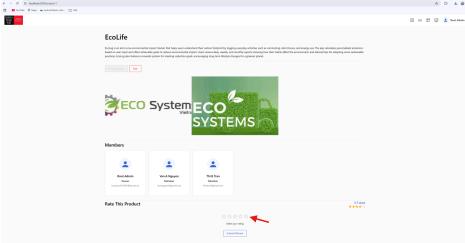
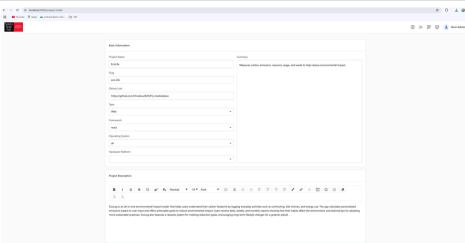
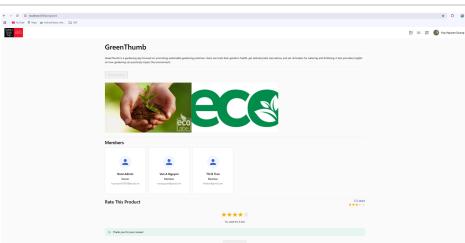
UI flow:

Steps	Actor	System (FE)
1	Navigate to the Admin console page on the navigation bar	 <p>System displays the list of all projects</p>
2	Click on Delete icon	 <p>System enqueues a Snackbar indicating that the product has been deleted</p>

✓ Section 10 - Rate a product

Requirement: GAT-166: [user] => Rate a product => to know the top-ranked products DONE

Logic flow:

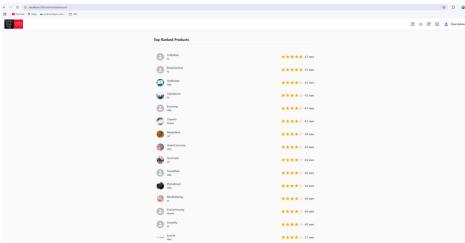
Steps	Actor	System (FE)
1	Click on the product card of the product you want to rate	 <p>System display the product detail with the rating section</p>
2	Select a rating for the product and click Submit	 <p>System displays the form with existing product data</p>
3	Change the data in the form and click Save	 <p>System shows the user rating and updates the average rating of that product</p>

Actor (Admin only)

✓ Section 4 - View the top-rated products

Requirement: GAT-165: [manager,report] => view the top-rated product (optionally by location) DONE

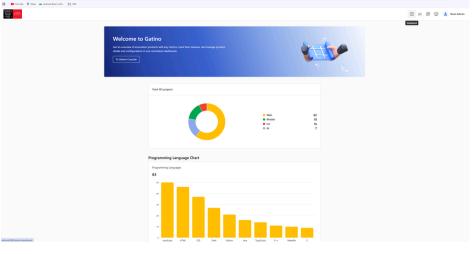
UI flow:

Steps	Actor	System (FE)
1	Navigate to the Dashboard page on the navigation bar	 <p>System displays the top-rated products</p>

✓ Section 5 - View administrative dashboard

Requirement: GAT-60: [admin,manager] => view administrative dashboard => have an overview of the existing projects DONE

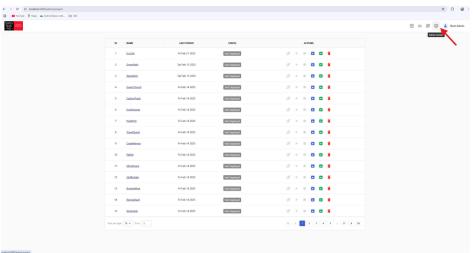
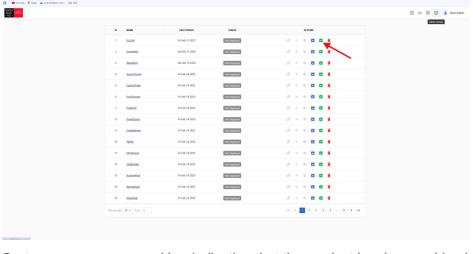
UI flow:

Steps	Actor	System (FE)
1	Navigate to the <code>Dashboard</code> page on the navigation bar	 <p>System displays the overview data of the existing project</p>

✓ Section 11 - Archive a product

Requirement: GAT-24: Archive a product DONE

UI flow:

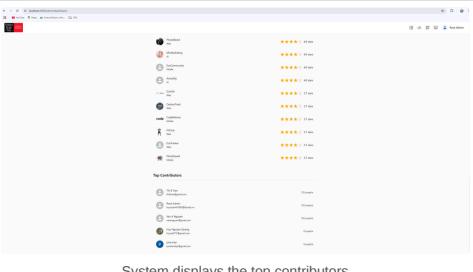
Steps	Actor	System (FE)
1	Navigate to the <code>Admin console</code> page on the navigation bar	 <p>System displays the list of all projects</p>
2	Click on <code>Archive</code> icon	 <p>System enqueues a Snackbar indicating that the product has been archived</p>

✓ Section 6 - View the top contributors

Requirement: GAT-164: [manager,report] => view the top contributor (optionally by location) DONE

UI flow:

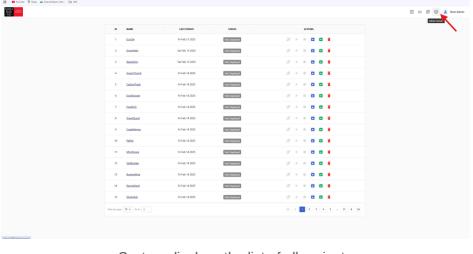
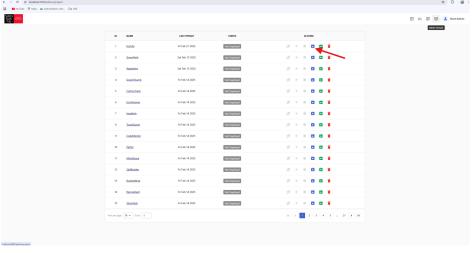
Steps	Actor	System (FE)
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1	Navigate to the <code>Dashboard</code> page on the navigation bar	 <p>System displays the top contributors</p>
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✓ Section 12 - Unarchive a product

Requirement:  GAT-24: Archive a product DONE (which implies unarchival)

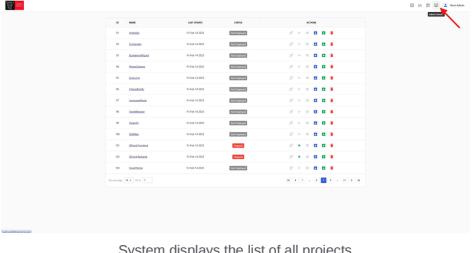
Logic flow:

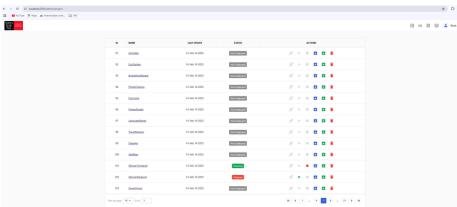
Steps	Actor	System (FE)
1	Navigate to the <code>Admin console</code> page on the navigation bar	 <p>System displays the list of all projects</p>
2	Click on <code>Unarchive</code> icon	 <p>System enqueues a Snackbar indicating that the product has been unarchived</p>

✓ Section 13 - Start a product

Requirement:  GAT-102: [admin] => start my product from the system's UI => observe it works IN PROGRESS

UI flow:

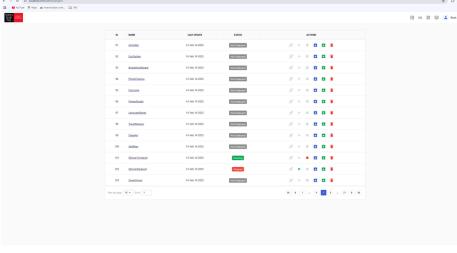
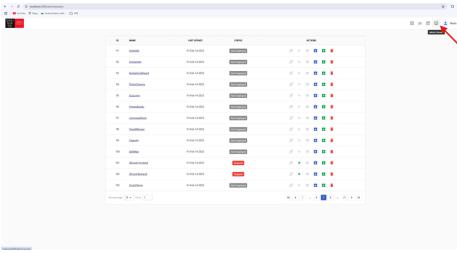
Steps	Actor	System (FE)
1	Navigate to the <code>Admin console</code> page on the navigation bar	 <p>System displays the list of all projects</p>

2	Click on Start icon	 <p>System changes the project status to Running and enable the stop button</p>
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✓ Section 14 - Stop a product

Requirement:  GAT-130: [admin] => stop a product from the system's UI => conserve system resources IN PROGRESS

Logic flow:

Steps	Actor	System (FE)
1	Navigate to the Admin console page on the navigation bar	 <p>System displays the list of all projects</p>
2	Click on Stop icon	 <p>System changes the project status to Stopped and enable the start button</p>

Demo products: Design

Summary

Current project health	Current project status	Project constraints
DONE		

Project status

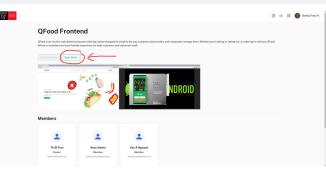
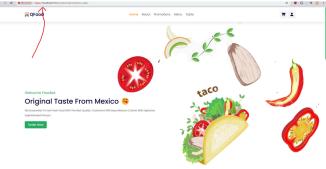
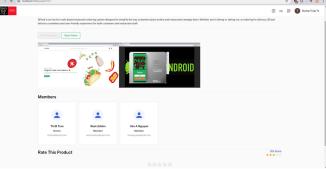
•		
✓ Accomplishments 	☰ Next steps 	✖ Risks & project issues 

Actor (User, Admin)

Section 1 - Demo a web-based product

Requirement: [GAT-100: [manager] => view live demo of a web-based product => learn about its novelty DONE

UI flow:

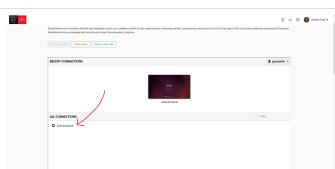
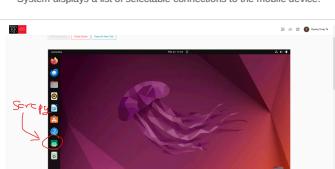
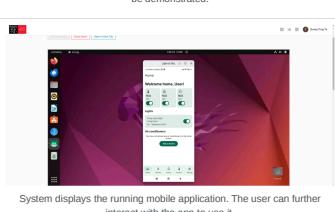
Steps	Actor	System (FE)
1	Navigate to the detail page of the desired web product.	 System displays the product detail with <code>Run web demo</code> button
2	Click on the <code>Run web demo</code> button, if present.	 System displays the <code>iframe</code> showing the running website
3	(Optional) Click on the <code>Open in new tab</code> button.	 System displays the running website on a new browser tab.
4	Click on <code>Close demo</code> to stop the demonstration.	 System closes the demo <code>iframe</code> .

Section 2 - Demo a mobile app product

Requirement: [GAT-137: [user] => view physical demo of a mobile app product => learn the full extent of its novelty DONE

UI flow:

Steps	Actor	System (FE)

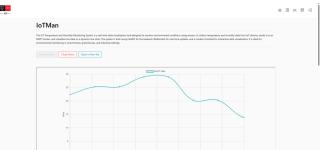
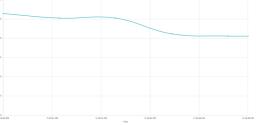
1	Navigate to the detail page of the desired mobile product.	 System displays the product detail with Run physical demo button
2	Click on the Run web demo button, if present.	 System displays the iframe showing the Apache Guacamole interface.
3	Log into Guacamole with username and password <code>guacadmin</code> .	 System displays a list of selectable connections to the mobile device.
4	Click on the first connection in the list.	 System connects to a virtual machine and displays its desktop interface.
5	Click on the Scrcpy icon on the sidebar.	 System displays the interface of the mobile device, which has the app to be demonstrated.
6	Click on the application icon on the mobile device.	 System displays the running mobile application. The user can further interact with the app to use it.
7	Click on Close demo to stop the demonstration.	 System closes the iframe running the demonstration.

✓ Section 3 - Demo an IoT app product

Requirement:  **GAT-136:** [user] => view demo of a headless product => learn about its status and novelty DONE

UI flow:

Steps	Actor	System (FE)
1	Navigate to the detail page of the desired IoT product.	 System displays the product detail with Run demo button

2	Click on the <code>Open demo</code> button, if present.	 <p>System displays the <code>iframe</code> showing the product interface.</p>
3	(Optional) Click on the <code>Open in new tab</code> button.	 <p>System displays the product interface in a new tab.</p>
4	Click on <code>Close demo</code> to stop the demonstration.	 <p>The demo is closed.</p>