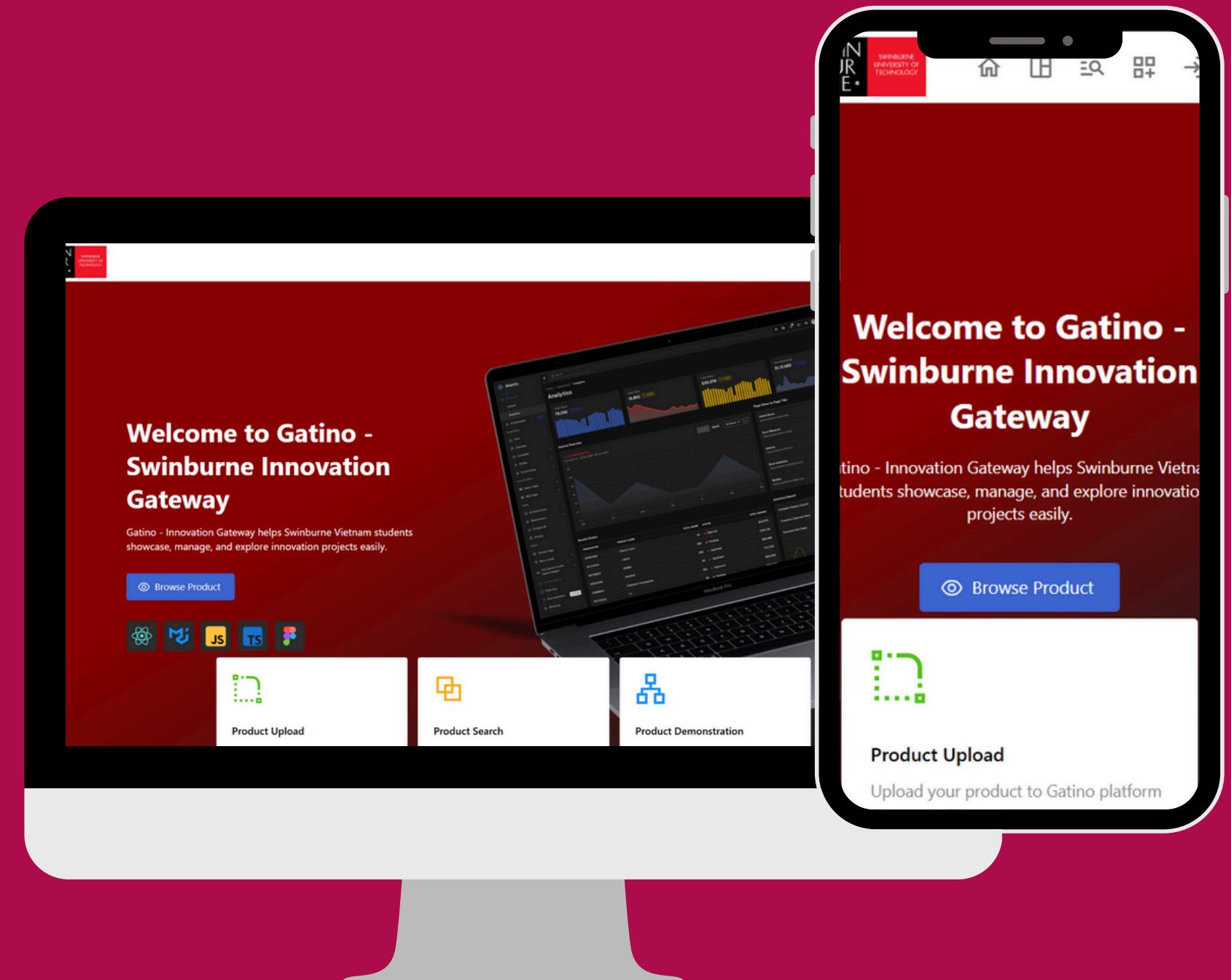


Gatino Innovation Gateway



Welcome

GROUP 1



Our Team

Ta Quang Tung

Team Leader, Client Liaison, Back-end
Developer, DevOps



Nguyen Quang Huy

Front-end Developer

Duong Quang Thanh

Back-end Developer

Tran Hoang Hai Anh

Quality Assurance

Phan Sy Tuan

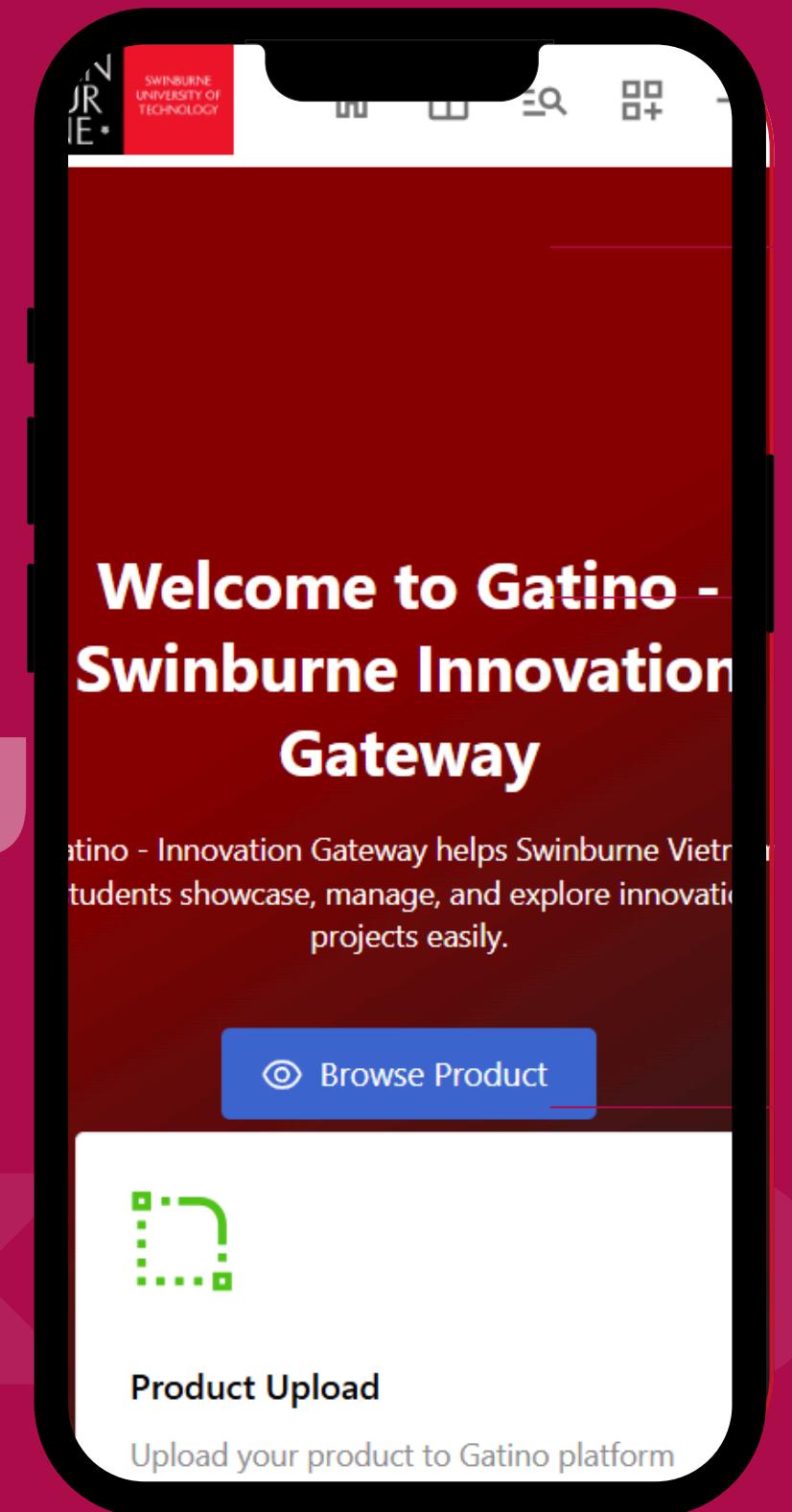
Unit Tester

Our Team

Background



<https://gatino.swin.edu.vn>



○ Client

Innovation Lab of Swinburne Vietnam

○ Purpose

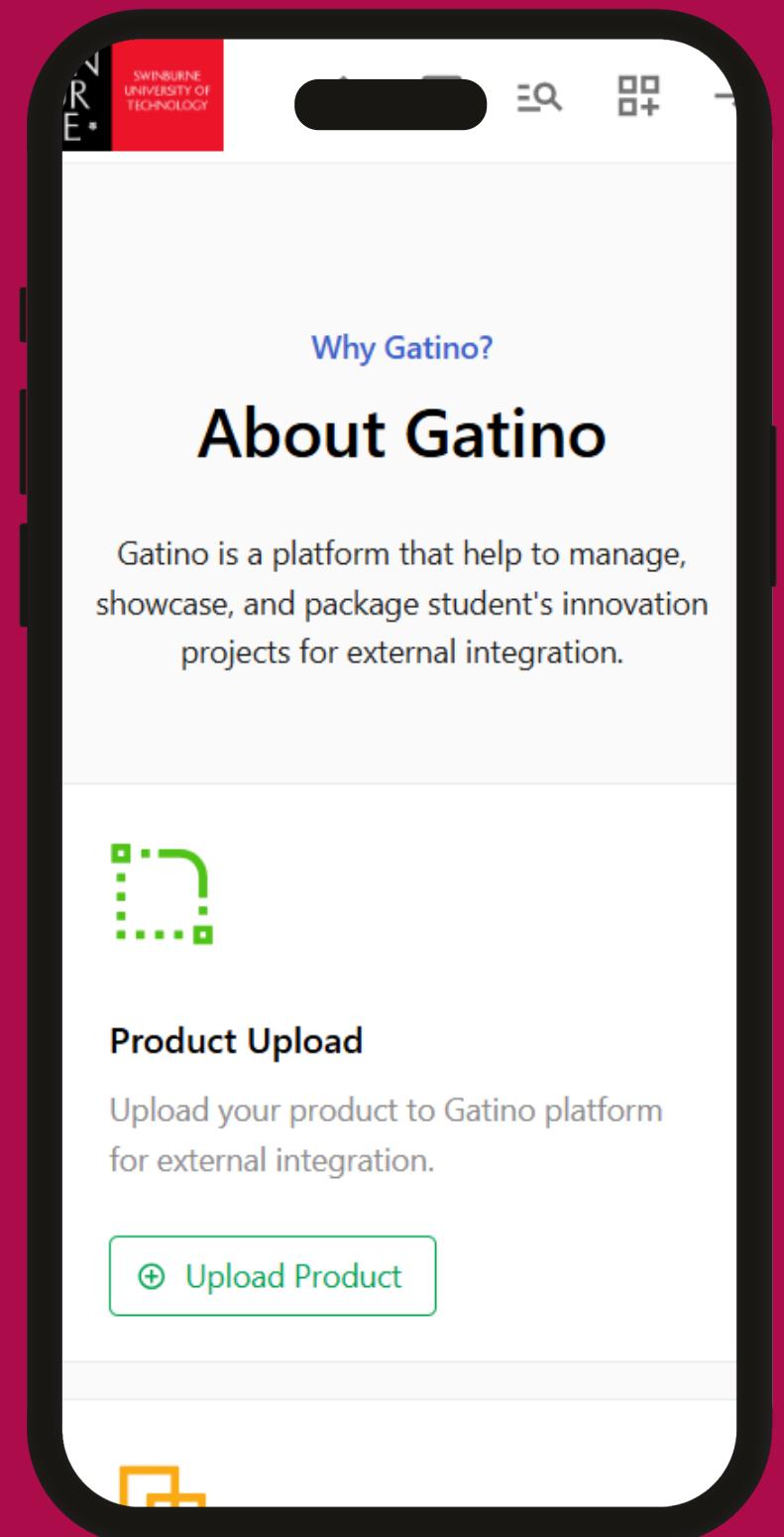
Born from the need to better store and showcase students' innovation products at Swinburne Vietnam.

○ Target users

- Students
- Lecturers
- Admission department
- Industry partners

Previous Features

What we did last time



○ Product Search

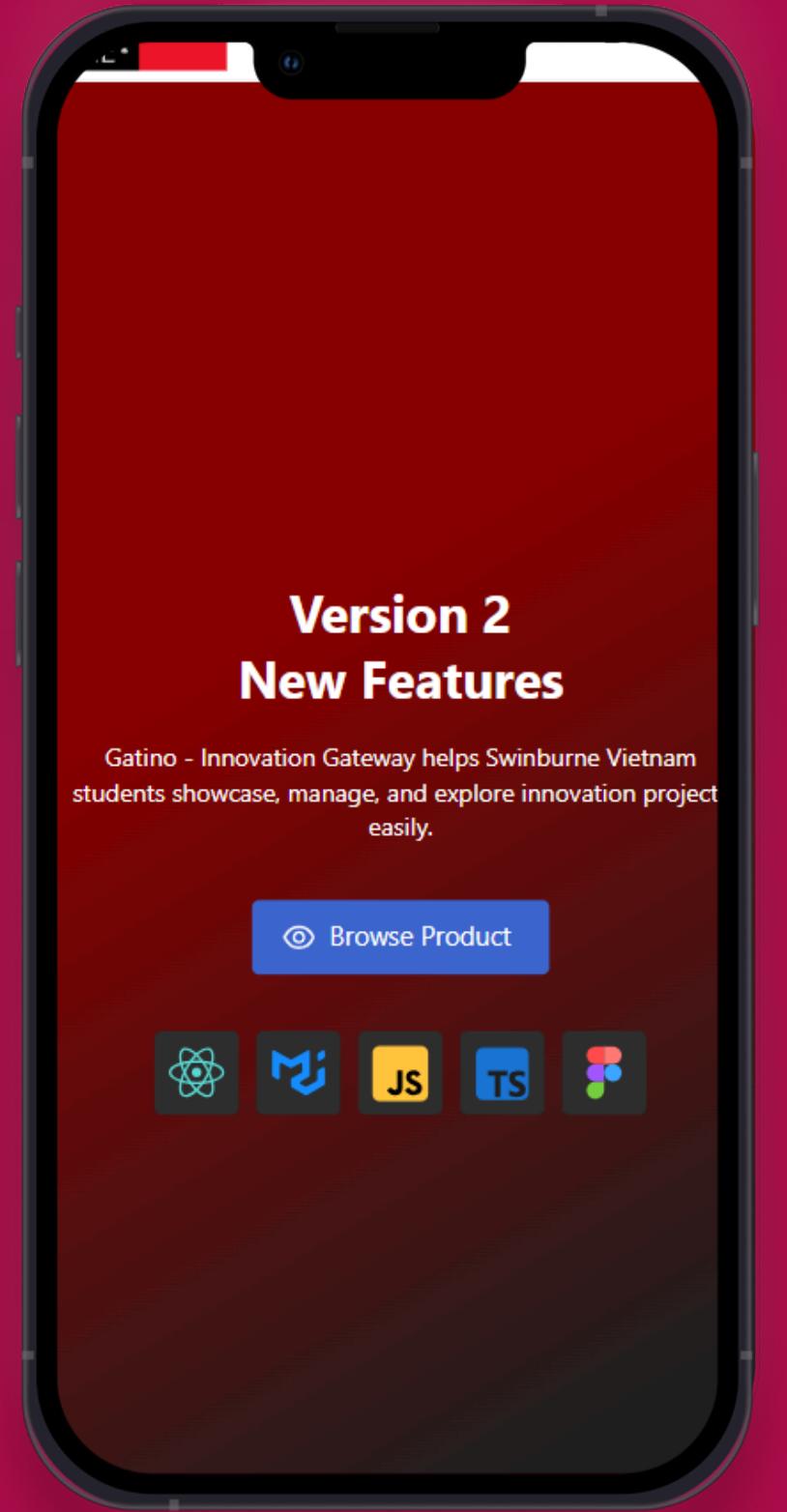
Search by uploaded information and related documents.

○ Android Product Demonstration

Demo Android products on physical Android devices.

○ Web Demonstration

Demo web products hosted on Gatino server.



New Features

What we have added this semester

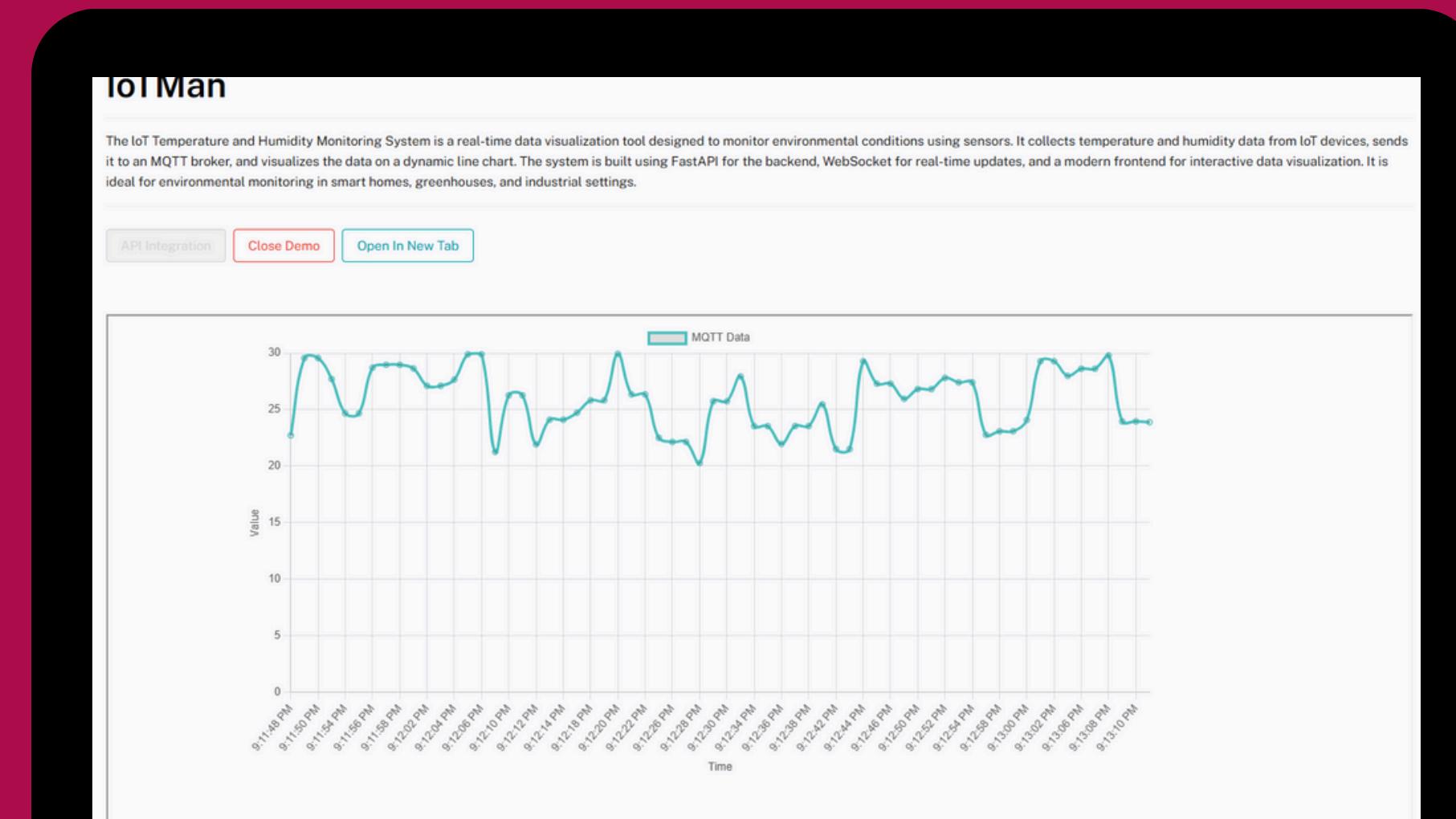
IoT Demonstration

Allows users to see running demonstrations of IoT applications.

IoT applications can push data to an MQTT broker managed by Gatino.

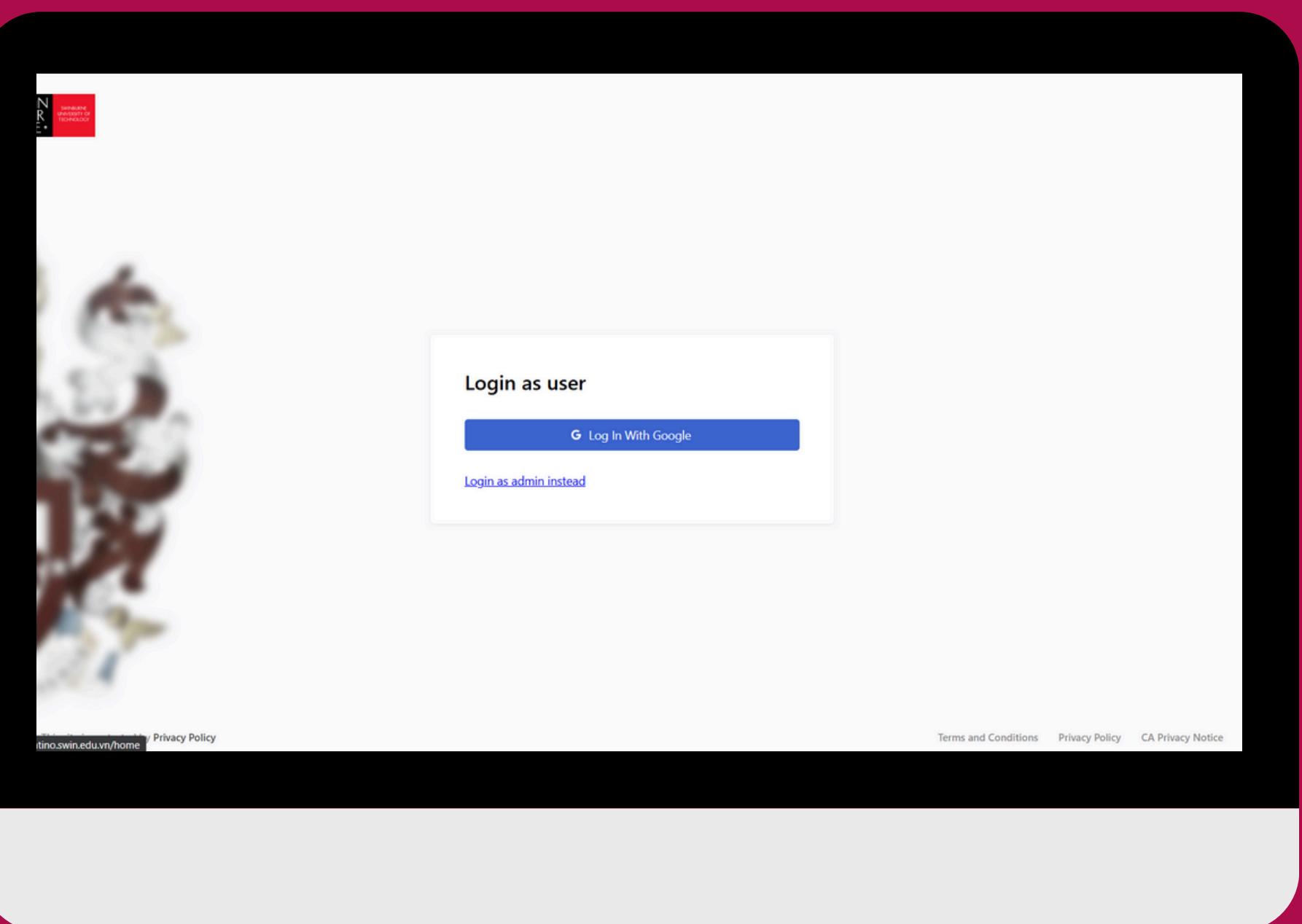


<https://gatino.swin.edu.vn>



User Authentication

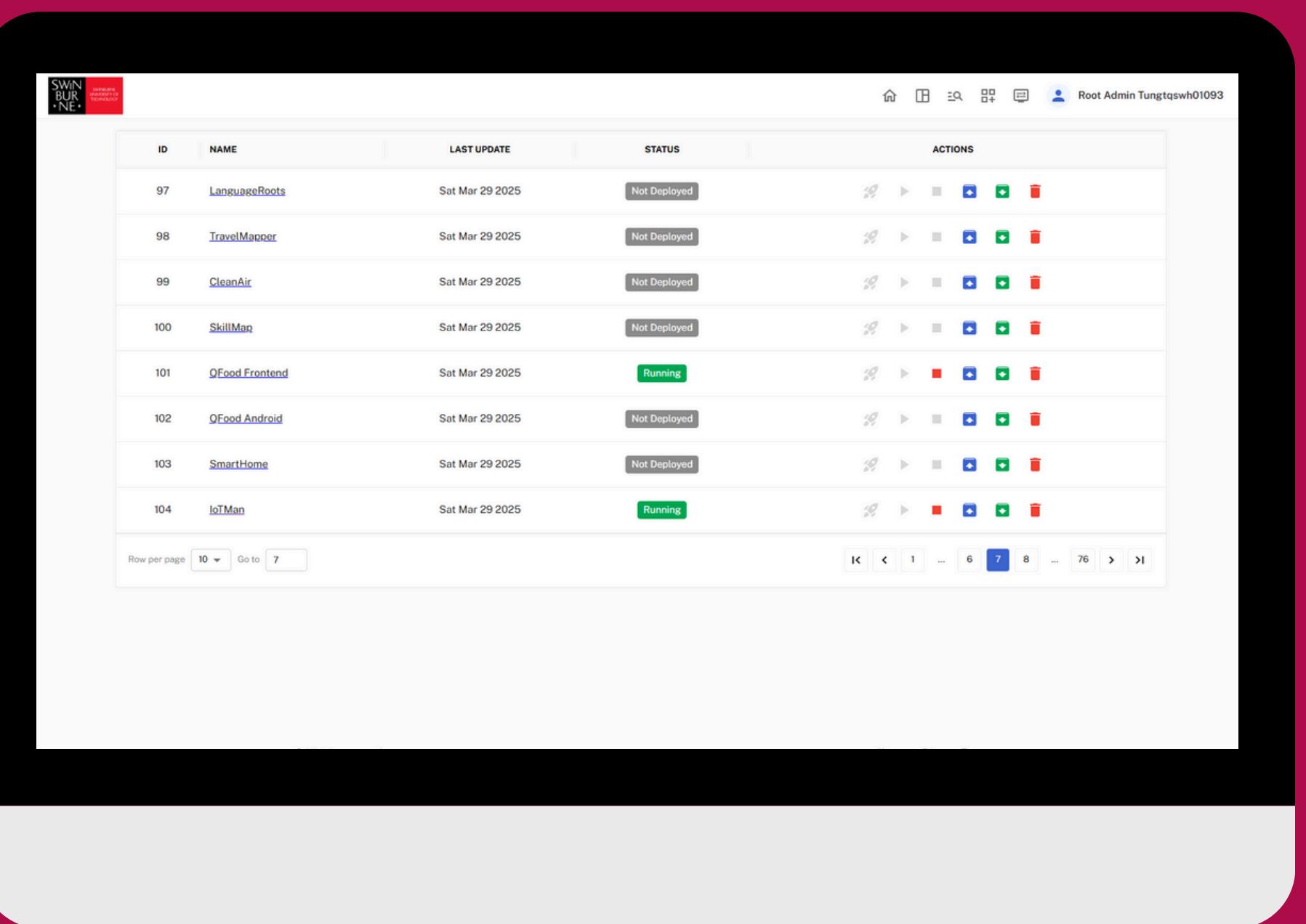
Offers 2 user groups (normal user and admin) and controls their access to the system functions.



<https://gatino.swin.edu.vn>

Product Management

Allows admins to start and stop the deployment of products to conserve computing resources.



The screenshot shows a web application interface for managing products. The top navigation bar includes icons for home, search, and user authentication (Root Admin Tungtqswh01093). The main content area is a table listing products with columns for ID, Name, Last Update, Status, and Actions. The table contains the following data:

ID	NAME	LAST UPDATE	STATUS	ACTIONS
97	LanguageRoots	Sat Mar 29 2025	Not Deployed	
98	TravelMapper	Sat Mar 29 2025	Not Deployed	
99	CleanAir	Sat Mar 29 2025	Not Deployed	
100	SkillMap	Sat Mar 29 2025	Not Deployed	
101	QFood Frontend	Sat Mar 29 2025	Running	
102	QFood Android	Sat Mar 29 2025	Not Deployed	
103	SmartHome	Sat Mar 29 2025	Not Deployed	
104	IoTMan	Sat Mar 29 2025	Running	

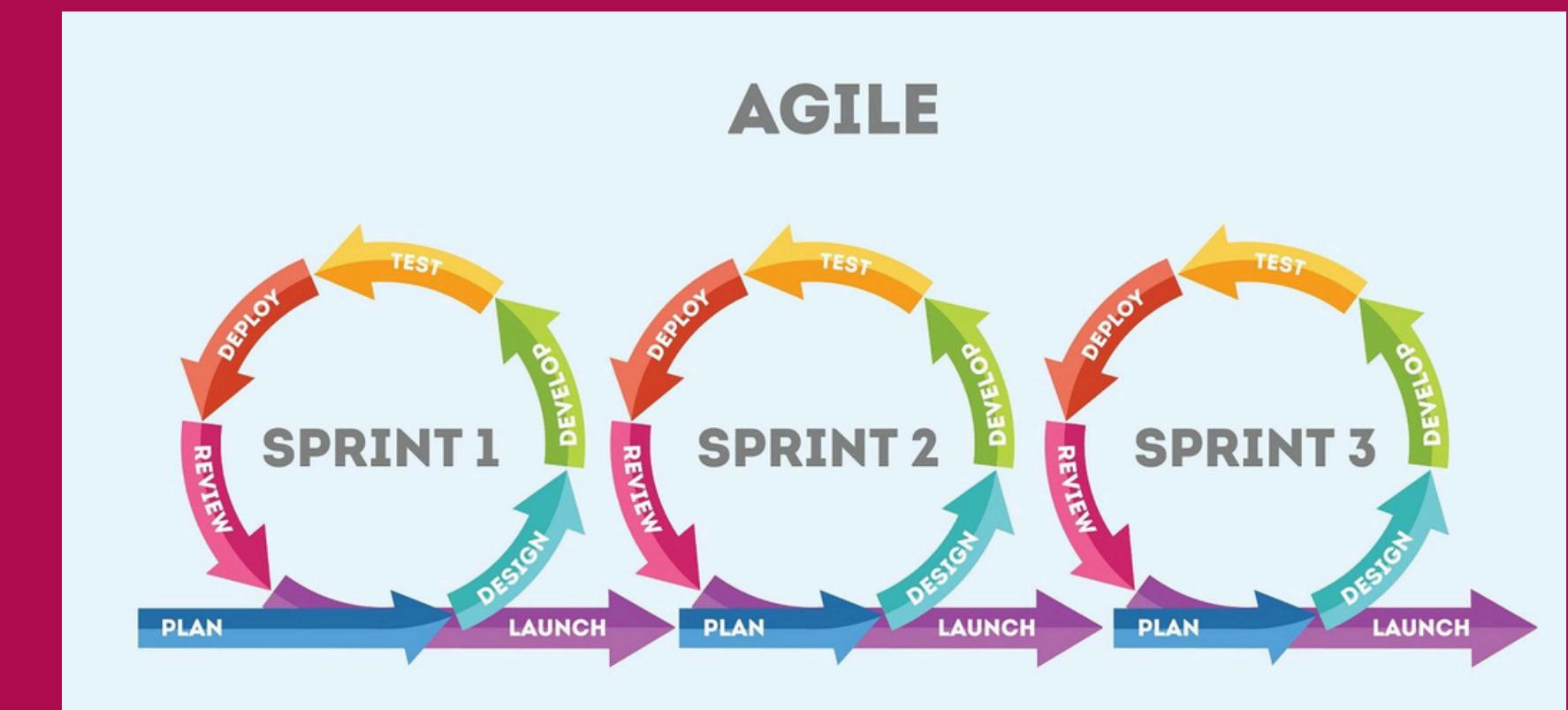
Row per page: 10 Go to: 7



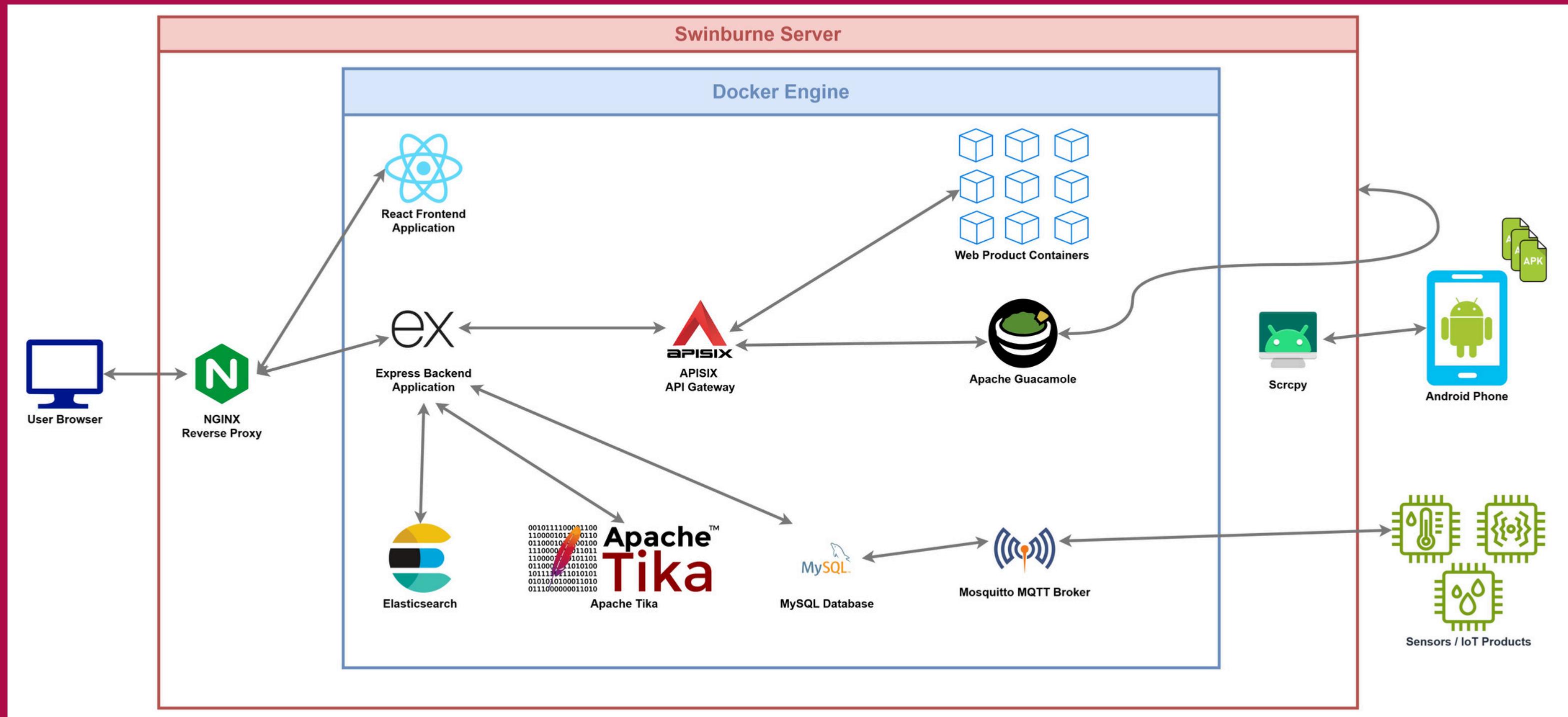
<https://gatino.swin.edu.vn>

Team Process

- Follow the Agile methodology.
- Use Jira to manage tasks.
- Weekly with client/supervisor to report progress



System Architecture

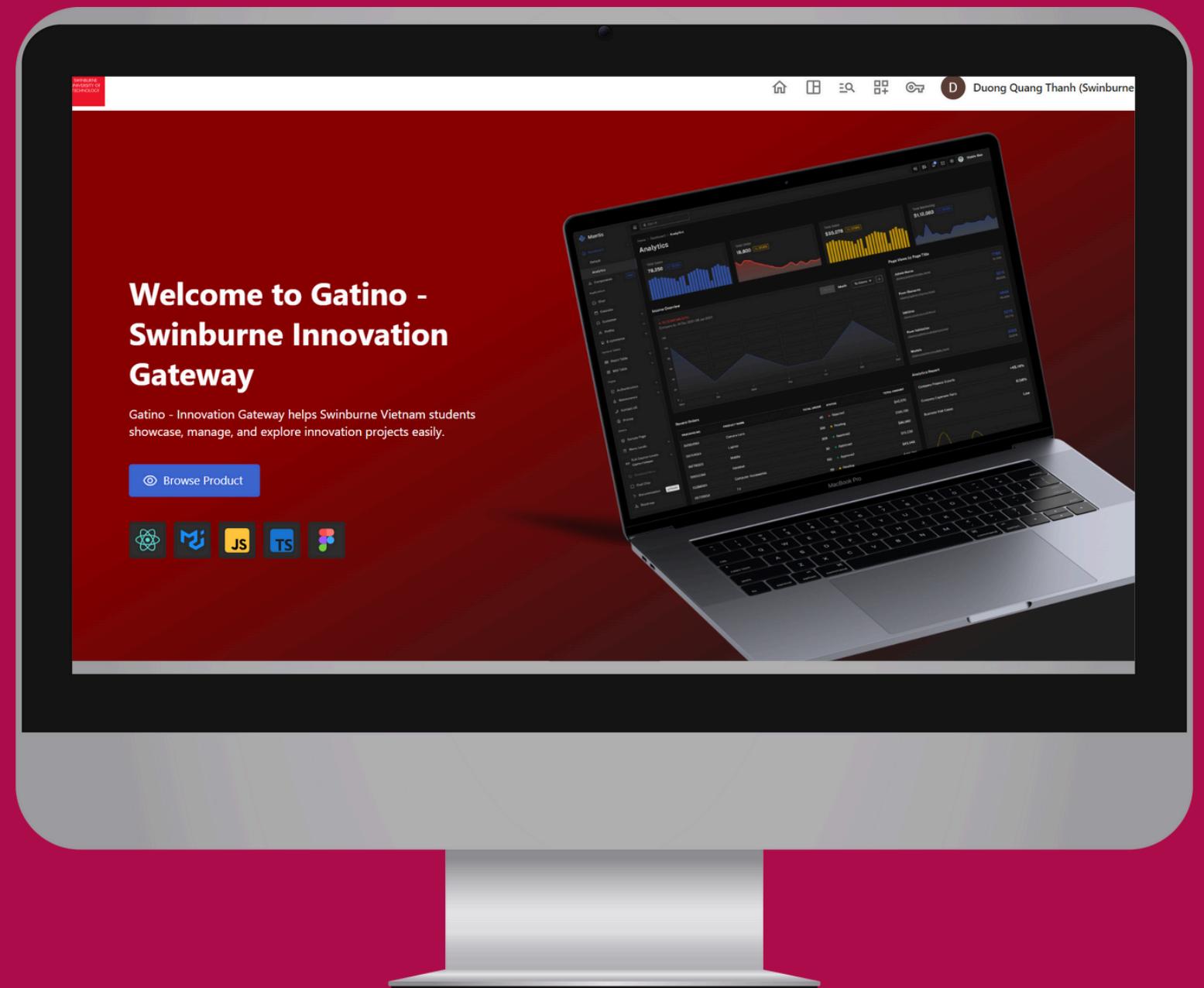
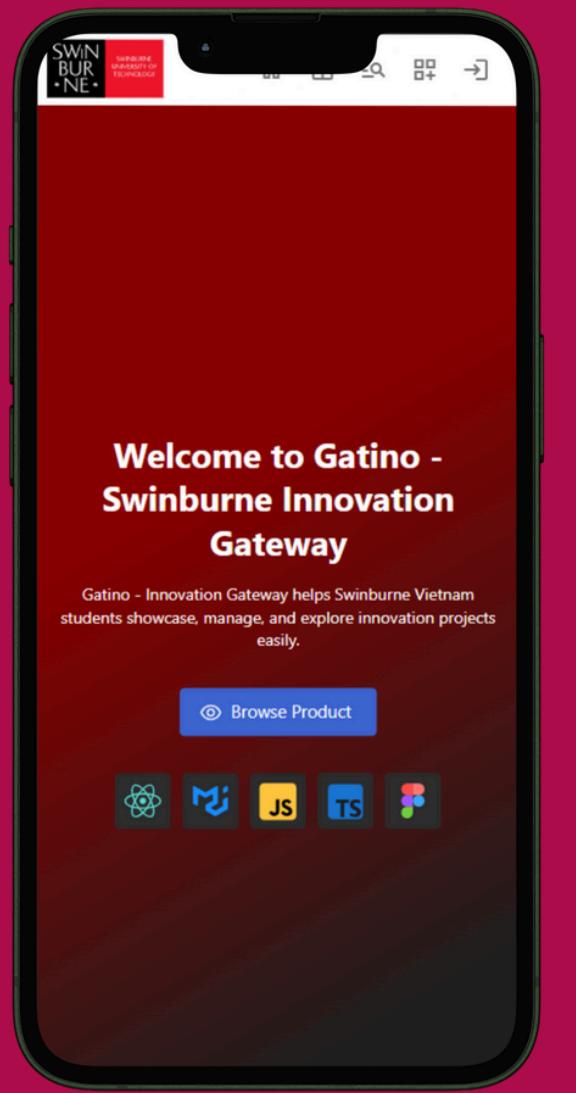
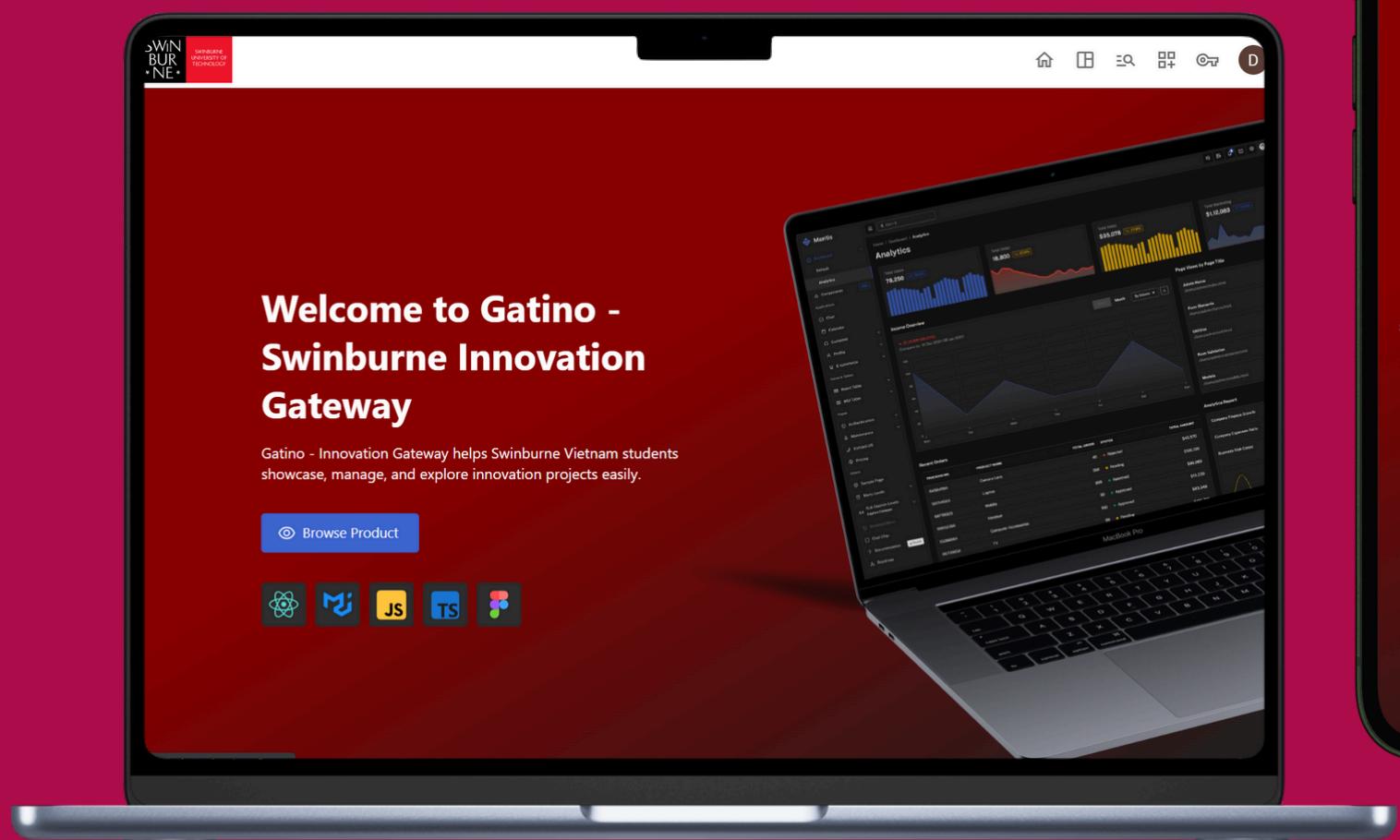


Modification

Changed quite significantly since the last semester, with some components being moved around and others added and removed.

Outcome

Initial version of Gatino launched on the Swinburne server.



<https://gatino.swin.edu.vn>



Thanks for listening!

Visit us at: <https://gatino.swin.edu.vn>

