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BACHELOR OF SCIENCE
IN COMPUTER SCIENCE
and
BACHELOR OF SCIENCE
IN INFORMATION TECHNOLOGY

An Information Systems Project
Presented to
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PROJECT INITIATION

Executive Summary
Objectives of the Information Systems Project
Current Business and Technical Situation

Executive Summary

The project aims to address the issue of existing inventory management challenges faced by Acne Org Alternatives, a skincare product reseller, using a comprehensive data-gathering approach involving survey questionnaires, online interviews, and physical observations. The inventory issues faced by the client are due to inaccurate inventory information, issues of stockouts or overstocking, difficulty in tracking product expiration dates, the favorability to use pen and paper records due to lack of technical expertise in Excel or other inventory management software leading them to opt for manual inventory management system. Therefore, the project team aims to automate the manual inventory management system of Acne Org Alternatives by conceptualizing the user interface design and functionality of key modules - inventory management module, product management module and reports management module through the creation of a storyboard. The project development recommends implementing the Agile System Design Methodology because of its adaptability and effectiveness. The methodology was integrated into the proposed project's timeline wherein the initial 3 weeks were allocated for the inception phase and the subsequent 5 weeks will be dedicated to the project development, testing and operation, revision, and production phases. For front-end development, the project recommends implementing HTML, CSS, JavaScript, and jQuery due to their versatility and user-friendly interface capabilities. For back-end development, MySQL and Java are proposed not only due to the system developer's familiarity with them but MySQL's lightweight nature is suitable for small-scale inventory management system that does not require extensive database storage and Java's robust security features ensures data integrity of the inventory management system. Overall, the proposed inventory management system provides Acne Org Alternatives with an efficient, user-friendly solution to address their inventory challenges. The chosen technologies, development methodologies, and conceptualization of user-interface website design and functionality were aligned to meet the needs of the client.

Objectives of the Information System Project

A. General Objective:

To develop an inventory management system for Acne Org Alternatives

B. Specific Objectives:

To develop an inventory tracking system that monitors product stock and inventory history through an inventory management module.

To develop a product management platform that records product details and stock through a product management module.

To generate and export PDF a tabular report of product stock and inventory history and product details and its stock through the reports management module.

Current Business and Technical Situation

A. Environmental Analysis

Figure 1. Environmental Analysis of Manual Inventory System of Acne Org Alternatives

The flow of Acne Org. Alternatives Manual Inventory begins with two users organizing the current or remaining products that they have in their physical Inventory. After organizing their physical inventory, the users will record and list down the remaining amount or quantity of their products. Then, they will begin to record the amount of their products that have just arrived from the supplier. Afterward, users will organize the remaining and new products in their physical inventory while following the

FIFO (First In First Out) rule. FIFO means whatever products were acquired first, should be the first one to be sold, this is a way for sellers to avoid wastage due to the expiration of products. Lastly, the users will then merge the record or list created from the remaining and new products to create an updated list of their manual inventory management system using the pen and paper record system while still following the FIFO rule.

B. 5 WHYs

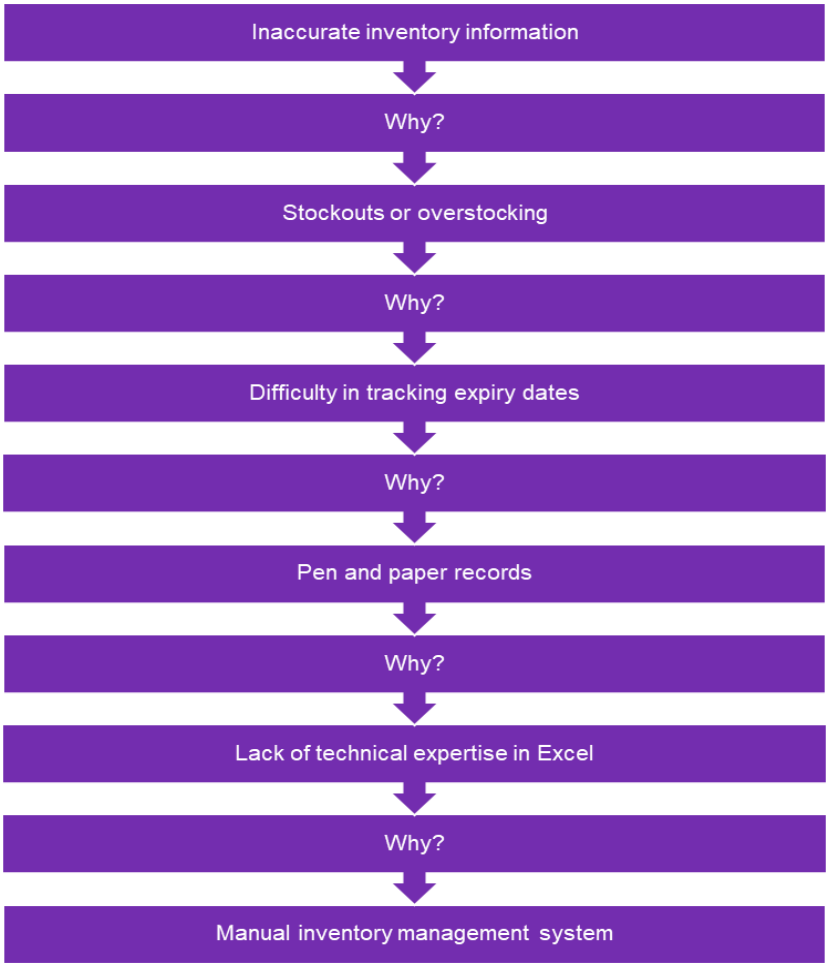


Figure 2. Root Cause Analysis of Manual Inventory System of Acne Org Alternatives

Acne Org Alternatives struggles to maintain up-to-date records because of their inaccurate way of recording their inventory information risking stockouts or

overstocking. The problem of stockouts and overstocking are present because of difficulty in organizing product information such as their brand name, and descriptions, and tracking their expiration dates, posing potential risks of offering expired products and negatively affecting the company's customer shop performance. The difficulty in tracking product expiration dates is caused by using a pen-and-paper records method which is prone to mistakes and human error. It is also observed that they do not organize their records properly since they do not use simple tables. Furthermore, their reliance on this method is due to their lack of technical expertise in spreadsheets such as Excel or other inventory management systems. The main root cause of these issues lies in Acne Org Alternatives depending on a manual inventory management system which leads to their operational inefficiencies such as issues of stockouts or overstocking, inaccurate and inconsistent inventory information, and difficulty in tracking product expiration dates.

C. Problem Statement

The main problem currently faced by Acne Org Alternatives is having inaccurate inventory information. This problem is attributed to their current reliance on manual inventory management systems.

D. Gantt Chart

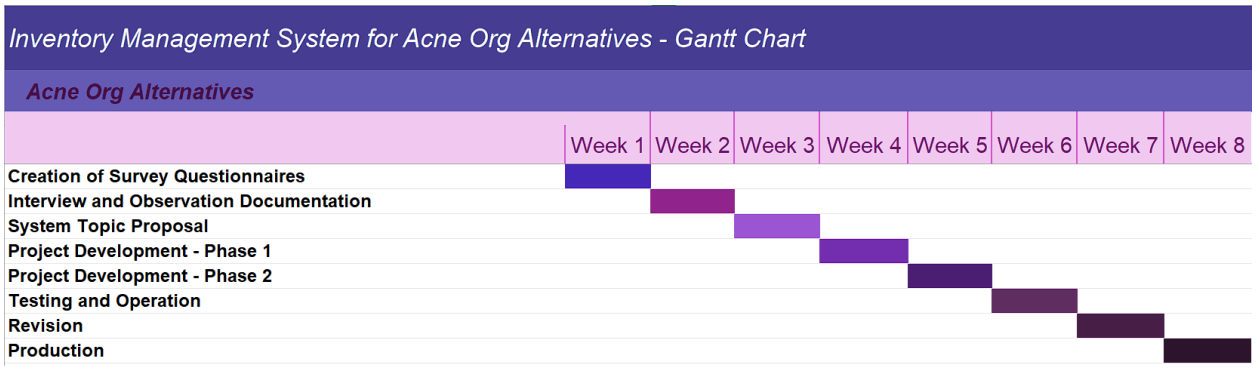


Figure 3. Gantt Chart Implementing the Agile System Design Methodology

The proposed inventory management system project will be developed in 2 months or 8 weeks. In week 1, the researchers researched and created a survey questionnaire that will be used for data gathering. In week 2, the researcher interviewed

the owners of Acne Org Alternatives, and observed and photo-documented the inventory management system of the company. After the interview, the transcript was also documented for reference. In week 3, the system topic proposal was created which includes the objectives aimed to be reached and the programming languages and tools to use for the development of the proposed inventory management system. The remaining weeks are for the development and testing of the system. Two weeks will be given for the project development to fully implement and reach the objectives of the proposed system architecture and environment. One week will be given for the testing and operation. Another week for the revisions if there are any bugs and errors found during the testing phase and lastly the final week will be the launching and implementation of the final product which allows the clients to fully integrate their new inventory management system into their business.

PROJECT DESIGN

Proposed Business and Technical Situation
Trade-Offs Analysis
Flowchart of the Information System
Context Flow Diagram
Data Flow Diagram
System Architecture
Use Case Diagram
Storyboard

Proposed Business and Technical Situation

Since there is no existing inventory management software used by Acne Org Alternatives, this project aims to automate their existing manual system through the development of an inventory management system website. It is recommended to integrate HTML, CSS, JavaScript, and jQuery for front-end development because of their versatility to be implemented in almost all programming languages and their ability to create a dynamic, interactive, responsive, and user-friendly interface for the website. Furthermore, the learning curve for these front-end technologies is not steep which can be easily learned in a small amount of time and can be used by system developers who are already familiar and knowledgeable with the programming environment. MySQL and Java are suggested for back-end development not only due to the system developer's familiarity with it. MySQL's lightweight nature is efficient for handling moderate-sized databases which align well with the requirements of small to medium-scale inventory system to ensure optimal performance without unnecessary resource consumption. As for Java, it also provides robust security features safeguarding sensitive inventory data of the inventory management system by preventing unauthorized access, data breaches, and potential security threats. Table 1 discusses various front-end and back-end solutions by comparing their strengths and weaknesses for the development of the inventory management website.

Trade-Offs Analysis

Table 1. Trade-Offs Analysis of Technologies for the Development of Inventory Management System for Acne Org Alternatives

Identified Possible Solution				Decision and justification to accept or not to accept the solution
#	Description	Advantages	Disadvantages	
React.js	It is an open-source JavaScript library developed by Facebook wherein its main purpose is to build user interfaces, particularly single page applications. React.js allows its developers to create large web applications dynamically without reloading the page (React, n.d). Sources:	• Component-based architecture (React, n.d; Bajpai, 2023) • High performance due to virtual Document Object Model (DOM) (JavaTpoint, n.d; Bajpai, 2023) • Search Engine Optimization (SEO) friendly (GeeksforGeeks, 2023;	• JavaScript XML (JSX) acts as a barrier for new developers (JavaTpoint, n.d; Geeksfor Geeks, 2023; DDI Development, 2017) • Frequent Changes and Updates (JavaTpoint, n.d; GeeksFor Geeks, 2023)	Rejected due to zero proficiency of developers to React.js making it a risky proposition to integrate it within the project. It has a steep learning curve for relatively inexperienced developers regarding framework. The knowledge gap could significantly hinder the progress and

	Describing the UI – React. (n.d.). https://react.dev/learn/describing-the-ui React – A JavaScript library for building user interfaces. (n.d.). *React*. https://legacy.reactjs.org/	Bajpai, 2023) • Large community and ecosystem (GeeksforGeeks, 2023; Bajpai, 2023) Sources: React – A JavaScript library for building user interfaces. (n.d.). *React*. https://legacy.reactjs.org/ Pros and Cons of ReactJS - Javatpoint. (n.d.). *www.javatpoint.com*. https://www.javatpoint.com/pros-and-cons-of-react Bajpai, V. (2023). Advantages of ReactJS and Why Choose It For Your Project? *www.linkedi*	• Despite of extensive documentation and community support, React has poor documentation (Abril, 2020; Javatpoint, n.d; Geeksfor Geeks, 2023b) Sources: Abril, A. (2020). Benefits and downsides of ReactJS and React Native. *www.linkedin.com*. https://www.linkedin.com/pulse/benefits-downsides-reactjs-react-native-alvaro-abril?trk=public_profile_article_view	delay the project beyond the specified timeframe.

		n.com. https://www.linkedin.com/pulse/advantages-reactjs-why-choose-your-project-vishnu-bajpai GeeksforGeeks. (2023). What are the advantages of React.js. *GeeksforGeeks*. https://www.geeksforgeeks.org/what-are-the-advantages-of-react-js/	Pros and Cons of ReactJS - Javatpoint. (n.d.). *www.javatpoint.com*. https://www.javatpoint.com/pros-and-cons-of-react GeeksforGeeks. (2023). What are the limitations of React.js ? Geeksfor Geeks. https://www.geeksforgeeks.org/what-are-the-limitations-of-react-js/ Pros and Cons of ReactJS Web App Development. (2017, April). DDI Development. https://ddi-dev.com/blog/progra	

			mming/pros-and-cons-reactjs-web-app-development/	
HTML	HyperText Markup Language or HTML is a free and open-source standard language for creating web pages and web applications. It serves as the backbone structure and content of a web page (Hemmendinger, 2023). Sources: Hemmendinger, D. (2023, October 1). *HTML*. *Encyclopedia Britannica*. https://www.britannica.com/technology/HTML	• Language and syntax simplicity (Singamm, 2023) • Ease of integration to other technologies such as React.js, CSS, and JavaScript (GeeksforGeeks, 2023) • Versatility since it allows the integration of various types of media • Widespread browser support (Ghosh, 2023) • Cost-efficiency (Ghosh, 2023) • SEO Friendly	• Limited for Displaying Content (Tutorials Point & Varma, 2023; Geeksfor Geeks, 2023) • Limited security protections so integration of input validation and HTTPS is important (Cloudflare, Inc., n.d; Tutorials Point & Varma, 2023; Geeksfor Geeks, 2023) • Complexity in	Accepted since HTML allows a straight-forward, structured, and organized presentation of product information within the inventory management system. Its user-friendly syntax, cost-efficiency, compatibility with other browsers and technologies, and versatility with various media types are only one of the reasons why it ensures a smoother integration process.

		(Tutorials Point & Varma, 2023; Singamm) Sources: GeeksforGeeks. (2022). Advantages and Disadvantages of HTML. *GeeksforGeeks*. https://www.geeksforgeeks.org/advantages-and-disadvanatges-of-html/ Tutorials Point, & Varma, Y. (2023, September 8). *Advantages and Disadvantages of HTML*. https://www.tutorialspoint.com/advantages-and-disadvantages-of-html Singamm. (2023, April 20). What is HTML ? Advantages of HTML -	structure for large-scale projects (Ghosh, 2023; Geeksfor Geeks, 2023) Sources: Cloudflare, Inc. (n.d.). *What is HTTPS?* https://www.cloudflare.com/learning/ssl/what-is-https/ Tutorials Point, & Varma, Y. (2023, September 8). *Advantages and Disadvantages of HTML*. https://www.tutorialspoint.com/advantages-and-disadvantages-of-html GeeksforGeeks. (2022). Advantages and Disadvant	

		Singamm - Medium. *Medium*. https://medium.com/@singamm33/what-is-html-advantages-of-html-d21e0c4b1732 Ghosh, A. (2023, October 12). Advantages and Disadvantages of HTML - Ellow.io. *Ellow Talent*. https://ellow.io/advantages-and-disadvantages-of-html/	ages of HTML. *Geeksfor Geeks*. https://www.geeksforgeeks.org/advantages-and-disadvanatges-of-html/ Ghosh, A. (2023, October 12). Advantages and Disadvantages of HTML - Ellow.io. *Ellow Talent*. https://ellow.io/advantages-and-disadvantages-of-html/	
CSS	Cascading Style Sheets or CSS is used as a style and layout web pages of web documents written in HTML and XML. It allows control of visual aspects of the web page	• Easy to learn and use (Bhagwat, 2023; GeeksforGeeks, 2023; Tutorials Point & Vharma, 2023;	• Browser compatibility since it may render differently across various web browsers (Geeksfor	Accepted because it is easy to learn and use for inexperienced developers. Furthermore, it promotes seamless data navigation as

	from colors, and typography to layout to make it user-friendly and visually appealing (Mozilla Corporation, 2023) Sources: Mozilla Corporation. (2023, July 22). *CSS: Cascading Style Sheets	MDN*. https://developer.mozilla.org/en-US/docs/Web/CSS	Sahana, 2023) ● Promotes consistent styling across a multiple web pages (Bhagwat, 2023) ● Code efficiency since it reduces redundancy in design (Bhagwat, 2023; GeeksforGeeks, 2023) ● Supports Responsive Design ● Cost-efficiency (Bhagwat, 2023; Sahan, 2023; GeeksforGeeks, 2023; Tutorials Point & Varma, 2023) ● Enhanced loading efficiency	Geeks, 2023) ● Complexity in designs for large and complex website or web applications (Geeksfor Geeks, 2023; Tutorials Point & Varma, 2023) ● Limited security protection so implementation of Content Security Policy (CSP) and avoiding inline styles is required (Mozilla Corporation, 2023 & Geeksfor Geeks	it allows developers to create an organized and aesthetic manner of showing product information to its end-users. For security purposes, CSP must be integrated to avoid keyloggers and data theft.

		(Bhagwat, 2023; Sahana, 2023) Sources: Bhagwat, S. (2023, September 11). Advantages and Disadvantages of CSS - Scaler Topics. *Scaler Topics*. https://www.scaler.com/topics/advantages-of-css/ Sahana. (2023). 11 Advantages and Disadvantages of CSS you should heed. Tech Quintal. https://www.techquintal.com/advantages-and-disadvantages-of-css/ GeeksforGeeks. (2023). Advantages and Disadvantages of CSS. *GeeksforGeeks*. https://www.	2023; Sahana, 2023) Sources: Mozilla Corporation. (2023, July 7). *Content Security Policy (CSP)*. https://developer.mozilla.org/en-US/docs/Web/HTTP/CSP GeeksforGeeks. (2023). Advantages and Disadvantages of CSS. *Geeksfor Geeks*. https://www.geeksforgeeks.org/advantages-and-disadvantages-of-css/ Tutorials Point, & Varma, Y. (2023, September 26). *Advantages and Disadvant*	

		geeksforgeeks.org/advantages-and-disadvantages-of-css/ Tutorials Point, & Varma, Y. (2023, September 26). *Advantages and Disadvantages of CSS*. https://www.tutorialspoint.com/advantages-and-disadvantages-of-css	*ages of CSS*. https://www.tutorialspoint.com/advantages-and-disadvantages-of-css Sahana. (2023). 11 Advantages and Disadvantages of CSS you should heed. Tech Quintal. https://www.techquintal.com/advantages-and-disadvantages-of-css/	
JavaScript	It is a programming language that allows interactive and dynamic functionality for web pages. It enables the development of client-side functionality and	● Language and syntax simplicity ● Enables serverless architecture simplifies deployment and reduce overhead costs (GeeksforG	● Client-side-security poses security risks so security practices such as JavaScript Linter and CSRF Token are	Accepted because JavaScript is not only easy to learn and use to create interactive and dynamic web pages, but it has a serverless setup that

	supports a wide range of applications from web development to server-side scripting (Mozilla Corporation, 2023) Sources: Mozilla Corporation. (2023, June 30). *JavaScript basics*. https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/JavaScript_basics	eeks, 2023; Toh, 2023) ● Interoperability allows it to be integrated to any webpage (GeeksforGeeks, 2023; Free Code Camp, 2021) ● Widely used for full stack web applications for its rich ecosystem with numerous libraries and frameworks (Khan, 2022) Sources: Toh, W. (2023, June 18). *Javascript Inventory Management System (Free Download)*. Code Boxx. https://code-boxx.com/inventory-management-sy	required (Monus, 2021) ● Single error can halt display, but error handling, linting, unit testing, and code review can prevent this (Khan, 2022; Tutorials Point, n.d) ● Does not support multiple inheritance (Khan, 202; Tutorials Point, n.d) Sources: Monus, A. (2021, December 15). JavaScript security: Vulnerabilities and best practices.	simplifies development and reduces overhead costs by integrating cloud services and functions. It is also versatile since it can be integrated into HTML and CSS. Despite its security and error risks, it can still be handled with proper implementation of security and testing practices.

		stem-javascript GeeksforGeeks. (2023, January 16). *Advantages and Disadvantages of JavaScript*. https://www.geeksforgeeks.org/advantages-and-disadvantages-of-javascript/ Free Code Camp. (2021, April 28). *The Advantages and Disadvantages of JavaScript*. freeCodeCamp.org. https://www.freecodecamp.org/news/the-advantages-and-disadvantages-of-javascript/ Khan, S. (2022, November 13). Advantages and Disadvantages of JavaScript	*Raygun Blog*. https://raygun.com/blog/js-security-vulnerabilities-best-practices/ Khan, S. (2022, November 13). Advantages and Disadvantages of JavaScript | Scaler Topics. Scaler Topics. https://www.scaler.com/topics/advantages-of-javascript/ Tutorials Point. (n.d.). Advantages and Disadvantages of JavaScript. https://www.tutorialspoint.com/advantages-and-disadvantages-of-javascript	

		Scaler Topics. *Scaler Topics*. https://www.scaler.com/topics/advantages-of-javascript/		
JQuery	jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, and animation much simpler with an easy-to-use API that works across a multitude of browsers (OpenJS Foundation, 2023) Source: OpenJS Foundation. (2023). https://jquery.com/	• Easy to learn for beginners (Jacob, 2022) • Plugins allow easy extensibility (Jacon, 2022; GeeksforGeeks, 2023) • Cross-Browser compatibility allows to save time on debugging (Jacob, 2022) • Allows code efficiency by writing multiple tasks in one line (Jacob, 2022) Sources:	• For complex projects, features of jQuery is limited resources (Sahana, 2023) • jQuery's large file size can be strain on the client's computer and affect web server if script is hosted (Geeksfor Geeks, 2023) • Slower when dealing with large data or	Accepted because jQuery is easy to learn and integrate with HTML, CSS, and JavaScript. jQuery might affect the performance and loading of the website application when handling large amounts of data, many users, and complex functionalities being added; however, it greatly benefits the development of a simple inventory

		Jacob. (2022, November 7). Top 15 jQuery Advantages And Disadvantages You Should Know. *Remarkable Coder*. https://remarkablecoder.com/jquery-advantages-and-disadvantages/ GeeksforGeeks. (2023, September 27). *JQuery*. https://www.geeksforgeeks.org/jquery/	complex animations (Bai, 2022) Sources: Sahana. (2023, October 17). *Advantages and Disadvantages of JQuery*. Tech Quintal. https://www.techquintal.com/advantages-and-disadvantages-of-jquery/ GeeksforGeeks. (2023, September 27). JQuery. https://www.geeksforgeeks.org/jquery/ Bai, G. (2022, August 24). 10 ways to instantly increase your JQuery Performance. Code Envato Tuts+.	management system. Furthermore, its rich plugin ecosystem allows the addition of features without building from scratch.

			https://code.tutsplus.com/10-ways-to-instantly-increase-your-jquery-performance--net-5551t	
Java	Java is an object-oriented and class-based language similar to C++, but with advanced and simplified features.This language is free to access and can run on all platforms. (Johari, 2023) Source: Ayushi Johari. (2023, September 17). *What Is Java? A Beginner's Guide to Java and Its Evolution*. https://www.edureka.co/blog/what-is-java/	• Platform-independent (Javatpoint, n.d; Sahana, 2023) • Robust security (e.g., Bytecode Verifier, Security Manager, Encryption Libraries, Authentication and Authorization Mechanism) (Javatpoint, n.d; Sahana, 2023; Chandrakant, 2022) • Scalability allows to handle large	• Verbose and complex code (Geeksforgeeks, 2020; Sahana, 2023) • Significant large amount of memory usage (Geeksforgeeks, 2020; Sahana, 2023; DataFlair, 2022) • Less machine interactive since it is a high-level language that needs	Accepted because developers are knowledgeable of how Java works. Java's platform independence allows the inventory management system to run on any operating system while its robust security - which restricts low-level access to system resources as means to increase security and portability - provides a

		and complex data (Javatpoint, n.d; Sahana, 2023) ● Rich standard library and frameworks (Payne, 2023) ● Can be used in many software development domains including web development and web apps (Payne, 2023) Sources: Javatpoint. (n.d.). *Advantages and disadvantages of Java*. www.javatpoint.com. https://www.javatpoint.com/advantages-and-disa	to be translated into machine code (Sahana, 2023) Sources: GeeksforGeeks. (2020, December 21). *Advantages and Disadvantages of Java*. https://www.geeksforgeeks.org/advantages-and-disadvantages-of-java/ Sahana. (2023, January 15). *Advantages and Disadvantages of Java*. Tech Quintal. https://www.techquintal.com/advantages-and-disadvantages-of-java/	secure development environment and safeguards sensitive inventory data. Considering that the inventory management system will serve a small user base, it would not consume that large amount of memory and there is no need to integrate it into embedded systems further supports the decision to implement Java.

		dvantages-of-java Sahana. (2023, January 15). *Advantages and Disadvantages of Java*. Tech Quintal. https://www.techquintal.com/advantages-and-disadvantages-of-java/ Payne, R. (2023, September 25). Advantages and Disadvantages of Java. Developer.com. https://www.developer.com/java/advantages-and-disadvantages-of-java/ Chandrakant, K. (2022, July 3). The Basics of Java Security | Baeldung. Baeldung. https://www.baeldung.com/java-security-overview	DataFlair. (2022, April 18). *Pros and Cons of Java | Advantages and Disadvantages of Java*. https://data-flair.training/blogs/pros-and-cons-of-java/	

Python	Python is a versatile, high-level programming language known for its simplicity and readability. It features dynamic typing and binding, making it efficient for Rapid Application Development and scripting tasks. With a clear syntax and extensive standard library, Python promotes code reusability and modularity. It's freely available on all major platforms, both in source and binary form, making it widely accessible. Source: Python. (n.d.) *What is Python? Executive Summary*	• Language and syntax simplicity (Python Geeks, 2021; Squareboat, 2023; Linode, 2023) • Offers wide range of libraries and built-in objects for various applications (Python Geeks, 2023; Vartanian, n.d; Linode, 2023) • Supports functional, procedural and object-oriented programming (Python Geeks, 2023; Linode, 2023) • Easy to extend and integrate to	• Poor database access and interaction (Geeksfor Geeks, 2023; Khan, 2023; Vartanian, n.d) • Slow runtime speed because it is not a compiled language (Geeksfor Geeks, 2023; Khan, 2023; Vartanian, n.d) • Prone to runtime errors because it is dynamically typed (Geeksfor Geeks, 2023; Khan, 2023;	Rejected because Python has poor database access, slow execution speed, and susceptibility to runtime errors that can compromise data integrity. Furthermore, it has limited security features, especially in authentication and access control functionalities crucial for protecting web applications from malicious attacks. Despite that Python is easy to use and learn, has extensive libraries, extensible and flexible to

	https://www.python.org/doc/essays/blurb/	other programming languages like C, C++, and Java (Python Geeks, 2021; Linode, 2023) Source: Python Geeks. (2021, June 26). *Advantages of Python | Disadvantages of Python*. Squareboat. (2023, May 12). *Advantages and Disadvantages of Python – Make a favorable decision*. https://squareboat.com/blog/advantages-and-disadvantages-of-python Vartanian, E. (n.d.). *Why learn Python? 5 advantages and disadvantages*. Educative.	Vartanian, n.d) ● Limited security features specially in authentication and access control functionalities (Anderson, 2022) Sources: GeeksforGeeks. (2023, November 2). *Disadvantages of Python*. https://www.geeksforgeeks.org/disadvantages-of-python/ Khan, A. (2023, October 5). *Advantages and Disadvantages of Python*. Intellipaat Blog. https://intellipaat.co	integrate to other programming languages such as C and C++, its drawbacks aforementioned cannot be ignored as they significantly impact the inventory management system's performance and reliability.

		https://www.educative.io/blog/why-learn-python Linode. (2023, March 9). The pros and cons of Python programming. Linode Guides & Tutorials. https://www.linode.com/docs/guides/pros-and-cons-of-python/	m/blog/advantages-and-disadvantages-of-python/ Vartanian, E. (n.d.). *Why learn Python? 5 advantages and disadvantages*. Educative. https://www.educative.io/blog/why-learn-python Anderson, S. (2022, March 9). *Python vs. Java: A Deep Dive Comparison*. StreamSets. https://streamsets.com/blog/python-vs-java-comparison/	
Oracle	Oracle creates software (DBMS) for managing databases. It is a well-known	● Provides all-time data availability (Pedamkar P. 2023;	● Oracle licenses are expensive (Technical	Rejected because Oracle is costly which is not feasible for the budget

	technology company that offers various products and services, including Java. They make money from cloud services, hardware, and software like database management systems. Their main product, Oracle Database (or RDBMS), organizes different types of data and maintains relationships between them. Sources: NetApp. (n.d.). *What is an Oracle Database?* https://www.netapp.com/oracle/what-is-oracle-database/ JavaTPoint. (n.d.). *What is Oracle?*	Singh, H. 2019) ● Safe and secure (Pedamkar P., 2023; Singh, H. 2019) ● Multiple database support (Singh, H. 2019) Sources: Pedamkar, P. (2023, May 23). *What is Oracle?* https://www.educba.com/what-is-oracle/ Singh, H. (2019, August 14). *Oracle Database Advantages, Disadvantages and Features [Guide 2023].* (theninehertz.com)	Matters, 2022). ● High hardware requirements for local on-premises version (Technical Matters, 2022). ● Oracle requires specialized skills to install and maintain (Singh, 2023). Sources: Technical Matters. (2022, February 16). *Oracle Database: what it is and how it works.* https://www.ionos.com/digitalguide/hosting/technical-matters/ora	allocated to the development of small-scale inventory management system projects. Furthermore, the steep learning curve associated with Oracle would potentially delay the project's progress and increase the likelihood of errors, given the developer's unfamiliarity with this technology.

	https://fortune.com/company/oracle/		cle-database/ Singh, H. (2023, January 13). *Oracle Database Advantages, Disadvantages and Features.* https://theninehertz.com/blog/advantages-of-using-oracle-database	
MySQL	MySQL is a relational database management system (RDBMS) developed by Oracle that is based on structured query language (SQL). MySQL holds the title of being the most widely used open-source database	• Compatible with most operating systems (W3schools, n.d) • Open source (Vyas, K. 2023) • It is not extensible and flexible as opposed to other SQL	• It is inefficient storing very large data. (Mayankanand, 2022) • It does not have good development and debugging tools.	Accepted because the developers are familiar with MySQL and it can work with a variety of programming languages specifically with Java making the development process more time efficient. Despite that it

	globally. As per DB-Engines, it secures the second position in terms of popularity among databases, with Oracle Database taking the lead. Source: Oracle Cloud Infrastructure. (n.d.). *What is MySQL?* https://www.oracle.com/mysql/what-is-mysql/	technologies such as PostgreSQL because it is lightweight and efficient. (Smallcombe, 2023) ● Easy to use (Vyas, K. 2023) ● It consists of a solid data security layer to protect sensitive data. (W3schools, n.d) ● Supports many platforms with different languages like C, C++, PHP, PERL, Java, Python etc. (Techstrikers, n.d.) Sources: W3schools. (n.d). *MySQL Advantages And*	(W3Schools, 2023) Sources: Mayankanand. (2022, November 9). *Disadvantages of Using MySQL.* https://www.geeksforgeeks.org/disadvantages-of-using-mysql/ W3schools. (2023). *MySQL Advantages And Disadvantages.* https://www.w3schools.blog/mysql-advantages-disadvantages	does not support very large data and advanced data analytics and is not extensible as PostgreSQL, MySQL is lightweight and efficient, especially for web applications and small scale inventory management system does not require large database storage.

		Disadvantages https://www.w3schools.blog/mysql-advantages-disadvantages Vyas, K. (2023, February 3) *8 Big Advantages of Using MySQL | Datamation* https://www.datamation.com/storage/8-major-advantages-of-using-mysql/ Techstrikers.(n.d). *MySQL Advantages and Disadvantages.*https://www.techstrikers.com/MySQL/advantages-and-disadvantages-of-mysql.php Smallcombe, M. (2023, September		

		20). *PostgreSQL vs MySQL: The Critical Differences* https://www.integrate.io/blog/postgresql-vs-mysql-which-one-is-better-for-your-use-case/		
PostgreSQL	PostgreSQL is a robust, open-source object-relational database system that builds upon the SQL language with several capabilities that safely stores and scale even the most complex data workloads. It has been actively developed for over 35 years, with its basic platform having its roots in the	• Easy to use (Pedamkar P. 2023) • Support for various data types (Prisma., n.d.) • Free and open source (Database Star. 2022) • It provides enterprise-grade scalability performance, availability and functionality. (Hassan A. 2022)	• Utilizes a lot of memory (Pedamkar, 2023) • It performs slower when there is a large number of data stored. (Dhruv, 2023) • More complex and has a limited tool set for non-techni	Rejected because PostgreSQL requires experience in infrastructure setup and troubleshooting which can be challenging for inexperienced developers. Despite PostgreSQL being able to provide an enterprise-grade scalability it is not that much

	POSTGRES project at the University of California, Berkeley, which started in 1986. Source: PostgreSQL. (2023) *What is PostgreSQL?* https://www.postgresql.org/about/	Sources: Prisma. (n.d.). *PostgreSQL Advantages: Benefits of Using PostgreSQL* https://www.prisma.io/dataguide/postgresql/benefits-of-postgresql Pedamkar P. (2023, May 29). *What is PostgreSQL ? | Features | Advantages and Disadvantages.* https://www.educba.com/what-is-postgresql/ Database Star. (2022, January 5). *Why Use PostgreSQL ?* https://www.databasestar.com/why-u	cal users. (Amazon Web Services. 2023) Sources: Pedamkar, P. (2023, May 29) What is PostgreSQL? https://www.educba.com/what-is-postgresql/ Dhruv, S. (2023, August 17). *PostgreSQL Advantages and Disadvantages.* https://www.aalpha.net/blog/pros-and-cons-of-using-postgresql-for-application-development/	needed since the inventory management system developed is simple and for small enterprise only. Furthermore, PostgreSQL's advanced features often come at the cost of increased memory usage which is not suitable if we are running it on lower memory servers or computing devices.

		se-postgresql/ Built In. (2022, December 19). *What Is PostgreSQL? (Definition, Benefits, Alternatives)* https://builtin.com/data-science/postgresql	Amazon Web Services. (n.d.). *What's the Difference Between MySQL and PostgreSQL?* https://aws.amazon.com/compare/the-difference-between-mysql-vs-postgresql	

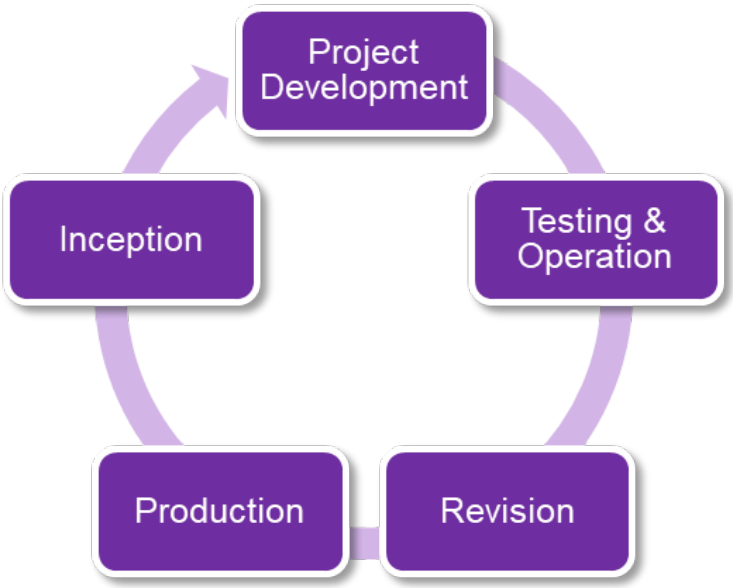


Figure 4. Software Development Life Cycle for the Development of Inventory Management System Implementing Agile Development Methodology

Inception Phase

The inception phase was already conducted by gathering data from Acne Org Alternatives through three different data gathering techniques: survey questionnaires, online interviews, and observation, concerning their existing inventory management system. The researchers were able to identify the main root cause problem of the system which was a manual inventory management system that posed a lot of issues to their business such as inaccurate inventory information, stockouts, or overstocking, and difficulty in tracking expiration dates. The identified root cause problem is then used for suggesting a proposed solution that would benefit the client.

Project Development Phase

The researchers will focus on the conceptualization and design of the inventory management system for Acne Org Alternatives. The researchers have gathered requirements, defined the system specifications, and planned the overall architecture of this project. A mock-up user interface or storyboard will be created to experience and visualize the key aspects of the inventory management system and it will be used as a reference for front-end creation by the developer. The storyboard will showcase an intuitive dashboard that includes up-to-date inventory data such as total in-stock and out-stock. On the other hand, the project development phase has discussed and proposed suitable programming languages by weighing their advantages and disadvantages to determine the best choice that aligns with the specific needs of the inventory management system. The researcher has found that to reach the main objective of creating a systematic digital platform of an inventory management system, the use of various technologies such as HTML, CSS, JavaScript, jQuery, MySQL, and Java was proposed to be implemented.

Testing and Operation Phase

The testing and operation phase is where the researchers will be rigorously testing each component of the Inventory Management System to ensure and assess its functionality, accuracy, and reliability. In this phase, the researchers will be the first to try and test the system in a controlled environment for the initial operation. Any bugs or issues identified during the operation will be addressed and resolved. The system features that will be tested are the inventory management module, product management module, and reports management module.

The inventory management module will undergo testing that will involve scenarios where different products are added, removed, or updated in the system to evaluate its performance under high-volume processes. On the other hand, the Product Management Module will be thoroughly tested to verify its accuracy in recording product specifications, such as names, categories, and expiration dates through scenarios where new products are added, existing products are edited, and expired products are flagged. Lastly, the Reports management module will undergo comprehensive testing to determine its capability to generate and export reports in PDF format containing inventory history data, as well as lists of product specifications and expiration dates. The researchers will be doing an overall integration testing where modules are smoothly interacting with each other to ensure that the generated reports reflect the most up-to-date information from the Inventory Tracking and Product Management modules.

Revision Phase

The revision phase is where the researchers will be making necessary adjustments and improvements based on the results and assessments gathered in testing and initial operation. This phase will involve improving functionalities, optimizing performance, and enhancing user experience. In this phase, the researchers will also incorporate any suggestions or requirements that the client may have to ensure that the system is perfectly aligned with their needs.

Production Phase

The production phase is where the project team expects that the system is ready to transition with all necessary and thorough revisions implemented in the system. This phase will be the launching of the inventory management system for Acne Org Alternatives. The system will be implemented in its intended environment and will be allowed to be used by the clients in their business tasks. The researchers will still provide ongoing monitoring and support to ensure the smooth operation of the system, including a manual or user guide so that the client can use it as a reference on how to use the inventory management system.

Flowchart of the Information System

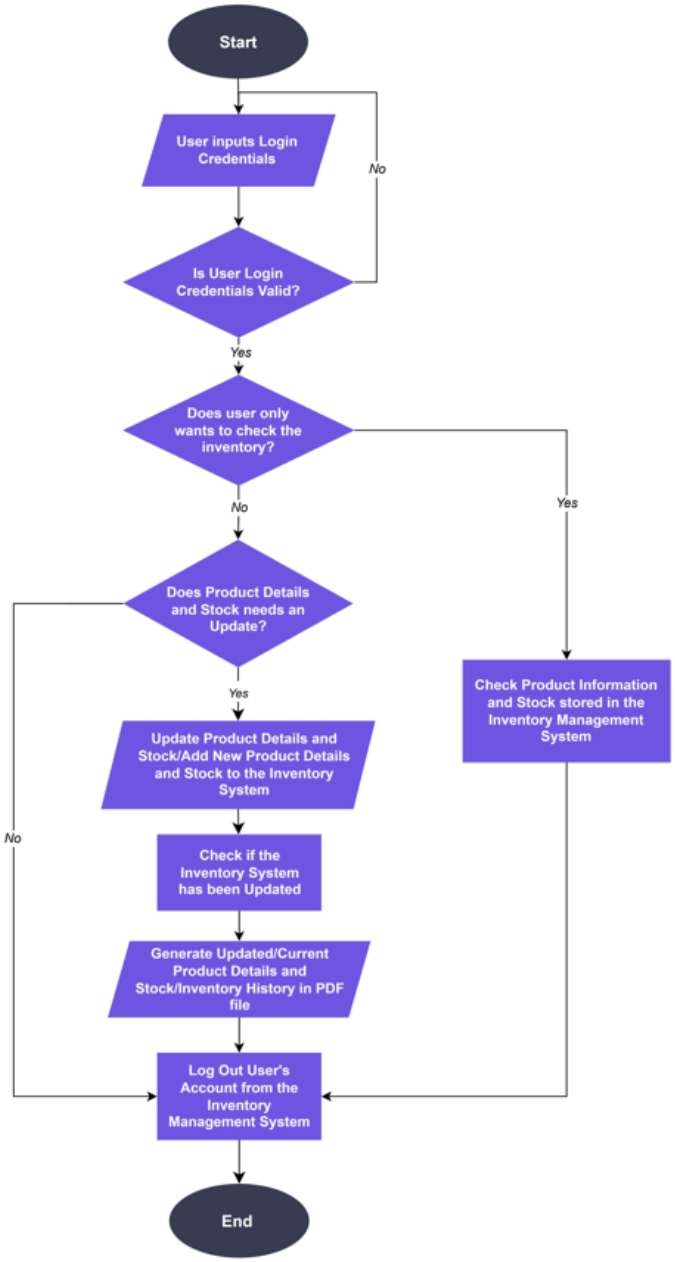


Figure 5. Flowchart Diagram of the Inventory Management System of Acne Org Alternatives

Figure 5 shows the flow of the user's navigation to the inventory management system. First, the user will log into the system using the provided login credentials. If

their login credentials are invalid, then the system prompts the user to try entering the correct details. If the login credentials are valid, then the system will redirect the user to the inventory management system home page dashboard.

There are three possible scenarios for the user. The first scenario is if the user only checks the inventory and the product information stock stored in the inventory management system and then logs out of their account from the inventory management system. The second scenario is the same as the first one, but the user specifically checks if product details and stock need an update, and if not, then the user will log out from the system.

The third one is if the user only wants to access the inventory after checking the product information, expiration dates, and stock or the inventory history, then the user will log out of their account. The second is if the user accesses the inventory management system to examine if the product information, expiration date, and stock are up-to-date or not. If there is a need to update or create new products, the user will input these additional or corrected product details or add new products to the system. Furthermore, the user will check the inventory system if the new or updated changes have been applied and synced to the system. The user could also generate the product information and inventory history in PDF format. Then, the user may choose to log out of their account from the inventory management system.

Context Flow Diagram

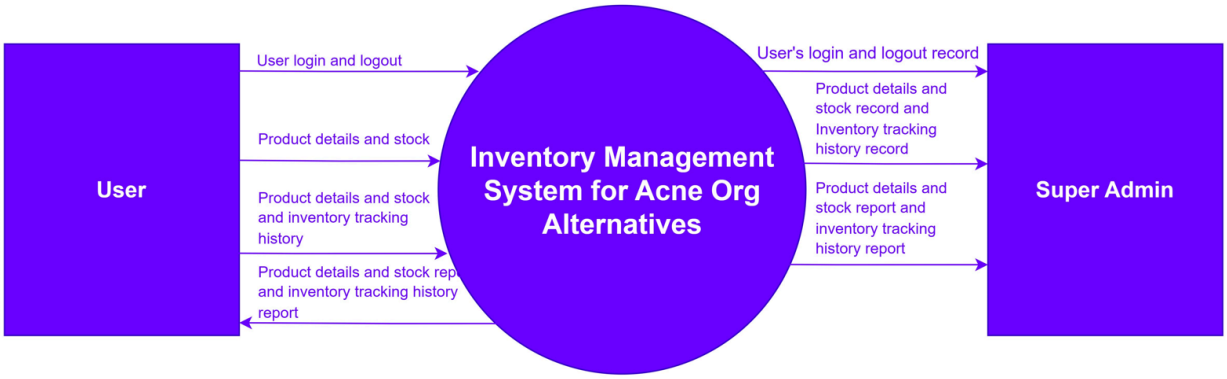


Figure 6. Context Flow Diagram for Inventory Management System for Acne Org Alternatives

Figure 6 shows how the entities interact with the inventory management system which in this case the user and super admin. The user performing the login and logout will generate details such as the date and time they have login and logout which will be recorded by the inventory management system. The login and logout record output can be utilized by the super admin, for instance, for monitoring unauthorized access to the system. The user could also perform the creation of product details and stock by which the inventory management system will generate its first new product details and stock record and inventory tracking history record. Once there is an existing inventory, the user could also perform the creation, updation, and deletion of product details and stock which will update existing product details and stock record and inventory tracking history record. These existing records can be used by both the user and super admin if they would like to request the creation of reports that the inventory management system will generate.

Data Flow Diagram

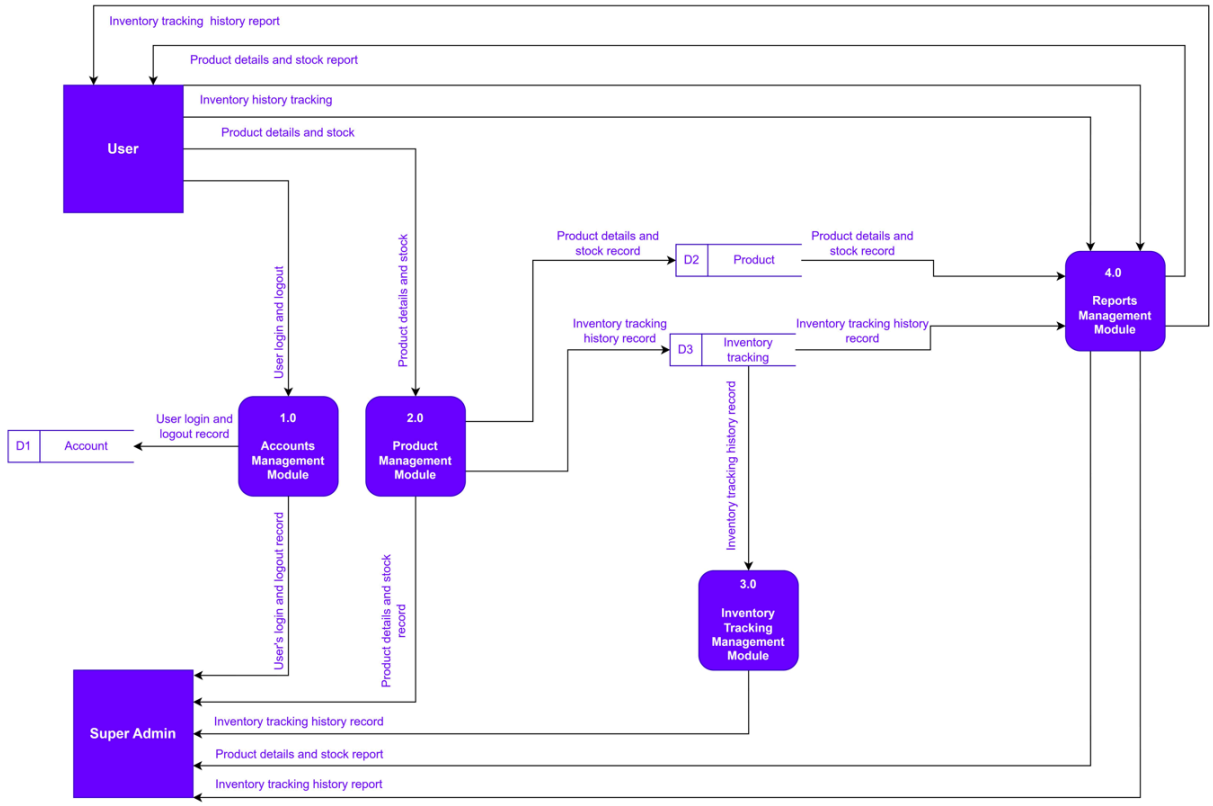


Figure 7. Data Flow Diagram for Inventory Management System for Acne Org Alternatives

Figure 7 illustrates the data flow between the external entities and the inventory management system. When the user decides to either log in or log out of the system, their login and logout information is generated. The accounts management module communicates with the account database to store relevant login and logout records, including user name, date, and time of login and logout.

Additionally, this module can relay this login and logout record to the super admin for monitoring purposes. Once logged in, the user gains the ability to create, update, and delete product details and stock. The product management module communicates both with the product database and inventory tracking database. The product database will only store the product details and stock and the date and time the product was first

created. The inventory tracking database will store the product details and stock, the date and time the product was first created, the action done by the user or super admin, and its date and time stamps. The product database and inventory tracking database generate a record that can be viewed and searched by the user through the product management module and inventory management module. These databases could also generate a report if both the user and super admin requested the creation of such a report through the reports management module.

System Architecture

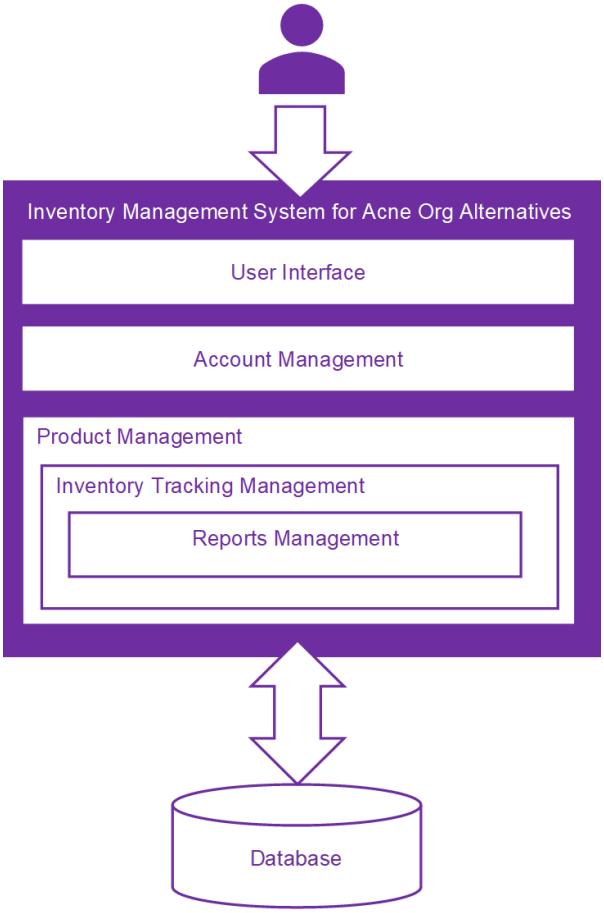


Figure 8. System Architecture Diagram for Inventory Management System for Acne Org. Alternatives

Figure 8 illustrates the overview of key components to be developed for the Inventory Management System for Acne Org Alternatives.

User Interface. It serves as a gateway interaction for users, facilitating various actions and functionalities of the system such as logging in, navigating through the inventory management system, and logging out.

Account Management. This module is where accounts will be managed and the super admin is only allowed to make changes through the creation, updation, and deletion of accounts. As for the user, they could only view their login credentials such as their name, email, user name, last login, and last action done to the system.

Product Management. This module is the main component of the inventory management system because this is where both the user and super admin are allowed to harness its functionalities such as the ability to create, update, delete, view, and search product details and stock.

Inventory Management. The changes done within the product management module will be reflected in the inventory management module but it has more data since it stores the date and time stamps of actions done by the user or super admin, the stock levels - initial stock, out-of-stock, current stock, along with its product details. These data allow audit trails essential to ensure financial audits, prevent discrepancies in stock levels, and are crucial for the analysis of sales patterns. The super admin is only the one able to make changes within the inventory history to ensure data integrity. As for the user, they are only limited to viewing and searching for the inventory history data.

Reports Management. It is the one responsible for the creation of timely reports in PDF format. The super admin is the only one responsible for making changes to the reports if applicable whereas the user is only limited to creating and generating product details and stock reports and inventory history and stock reports.

Without the database, the inventory management system will not function properly and meet its intended purpose. Therefore, each management module has its database responsible for storing its intended data.

Use Case Diagram

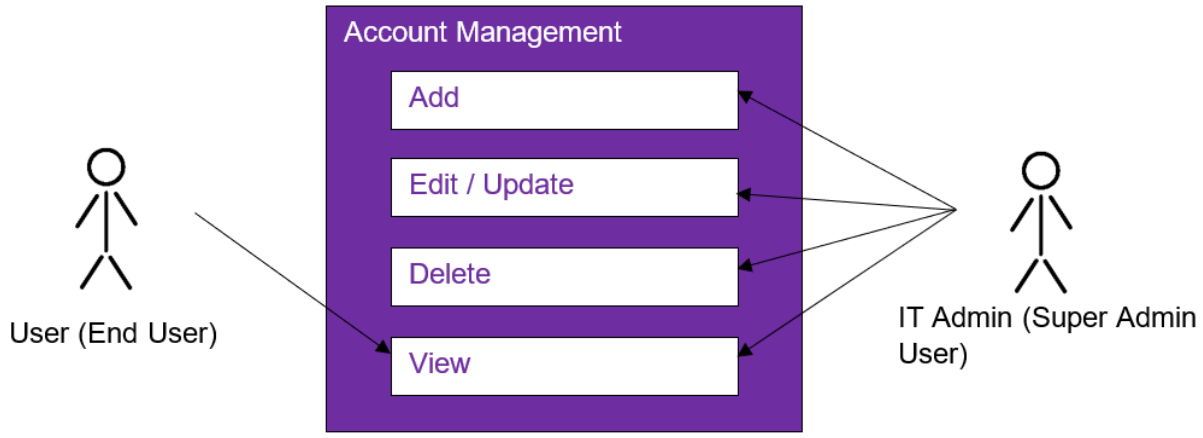


Figure 9. Use Case Diagram of Account Management

User (End User) can view their existing account, the user account provided by the IT Admin but they do not have the authority to add, edit/update, and delete their account information from the database system. This is to prevent unauthorized changes.

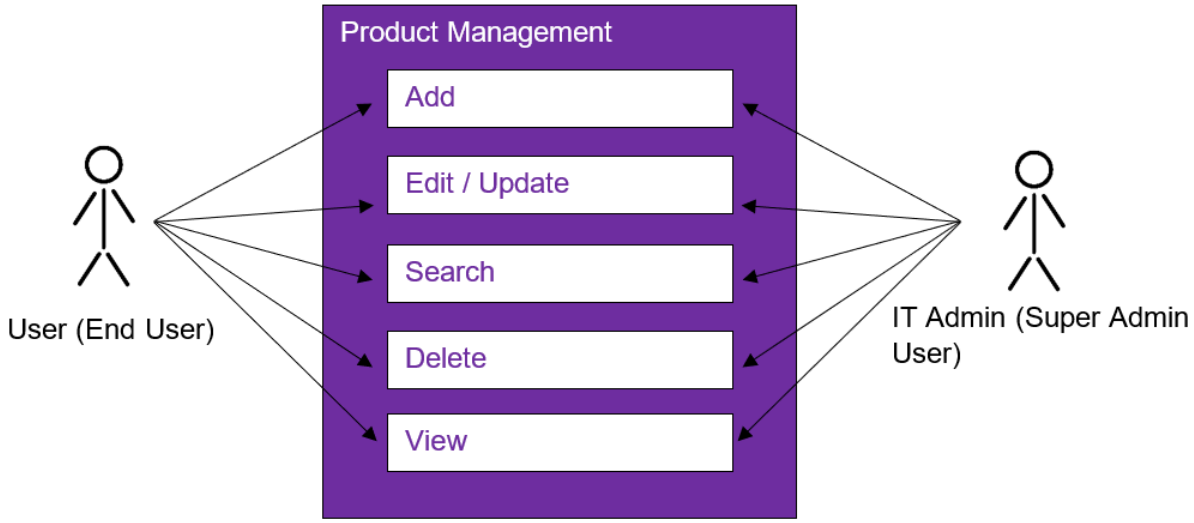


Figure 10. Use Case Diagram of Product Management

User can add, edit/update, delete, and view product information to ensure that they can maintain accurate and up-to-date inventory data. The user is also given the option to perform the searching functionality to easily access and navigate through the product management module if needed.

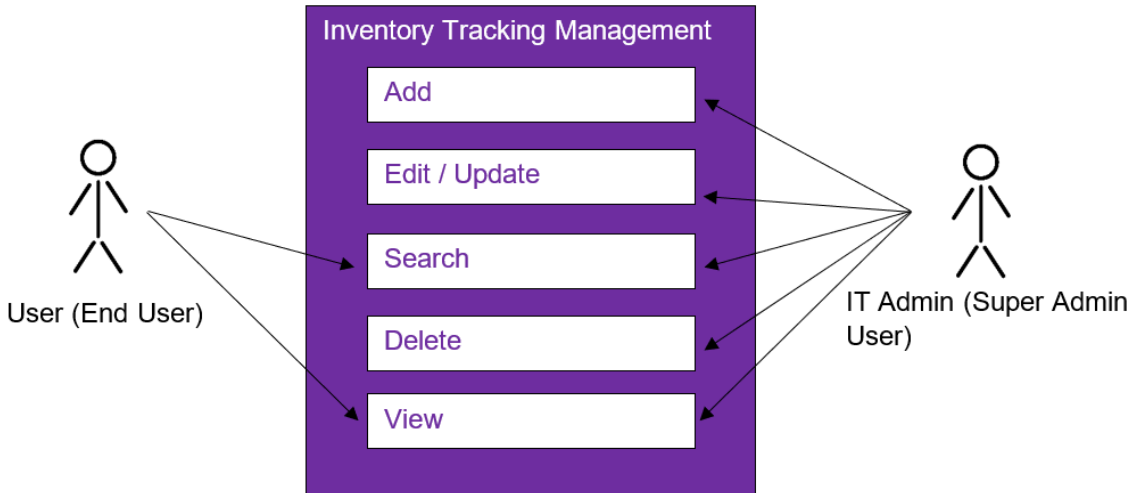


Figure 11. Use Case Diagram of Inventory Tracking Management

User can search and view the inventory tracking history information only but they do not have the authority to add, edit/update, or delete to prevent unintended information loss and maintain information accuracy. The ability to add, edit/update, and delete records is controlled only by authorized personnel which is the IT Admin.

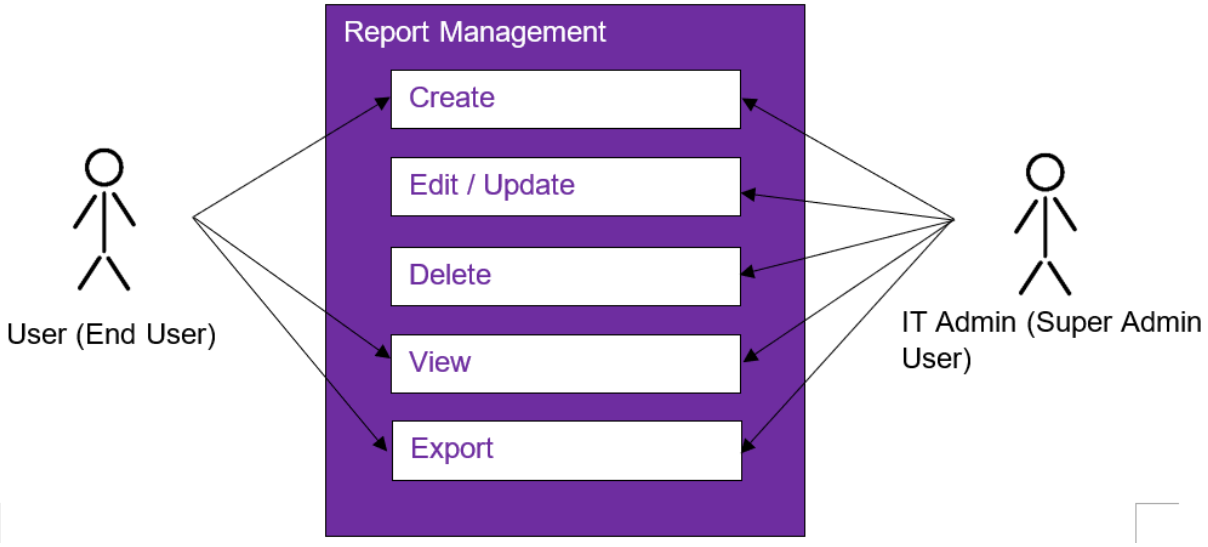
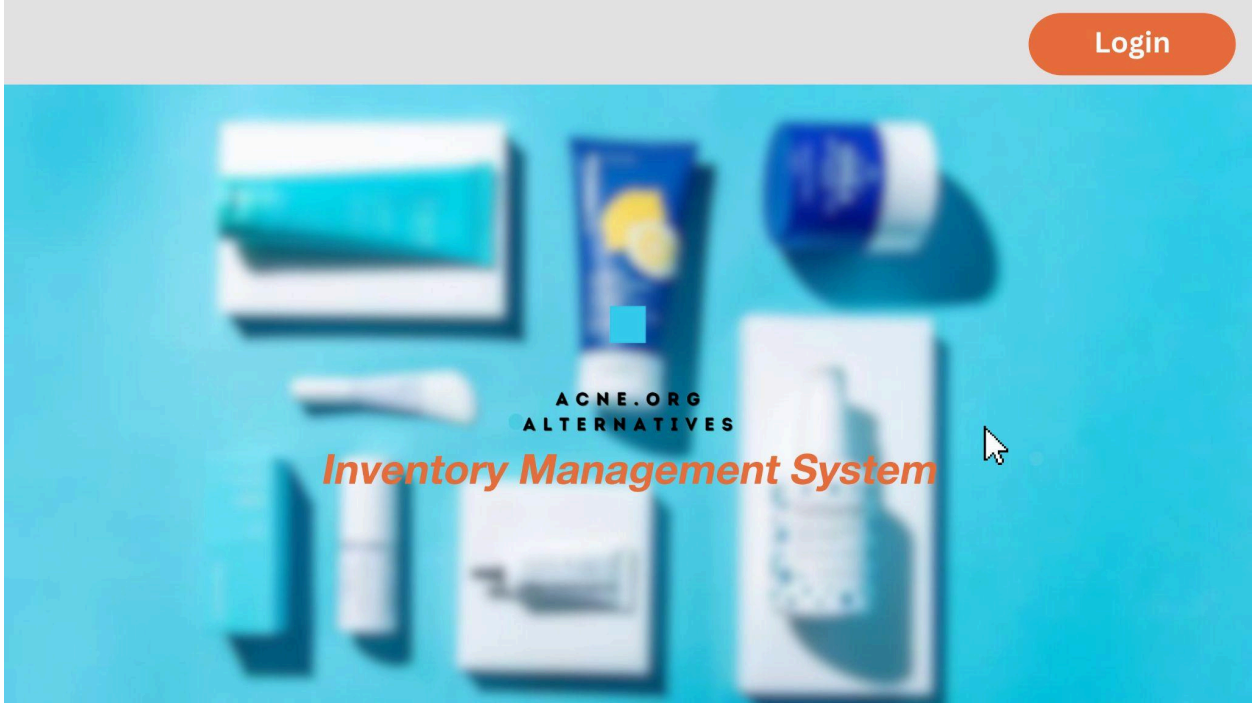
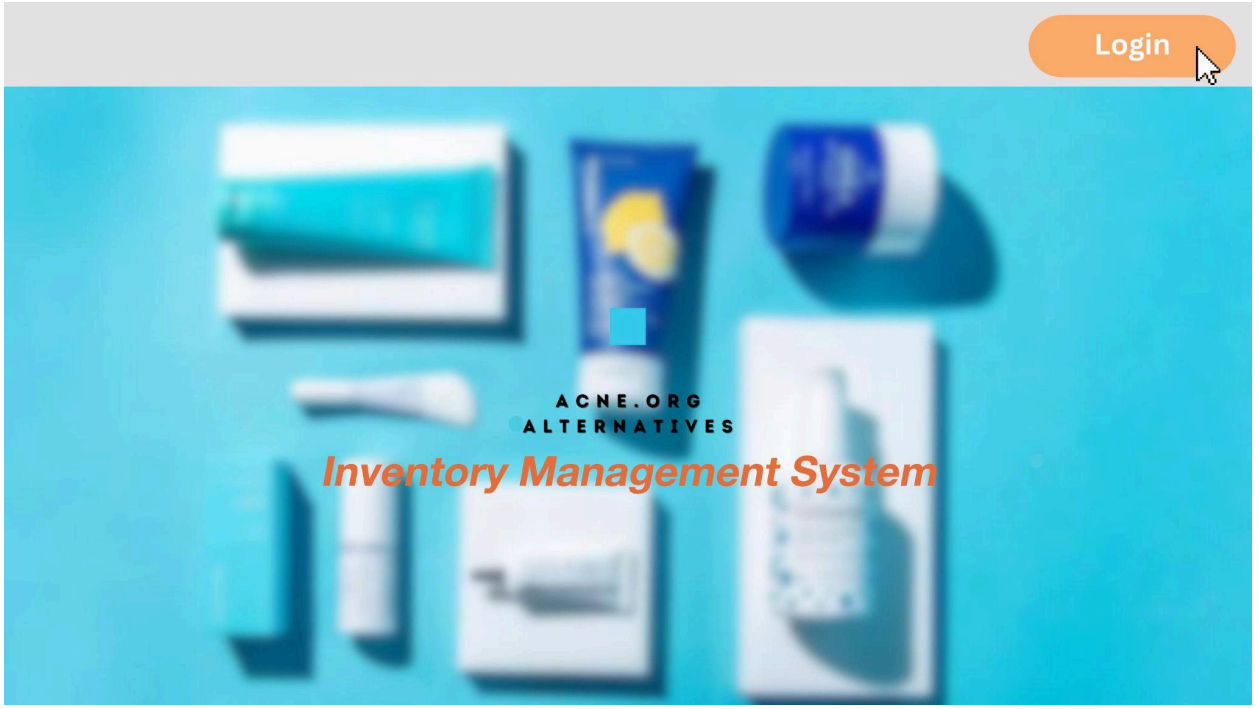


Figure 12. Use Case Diagram of Report Management

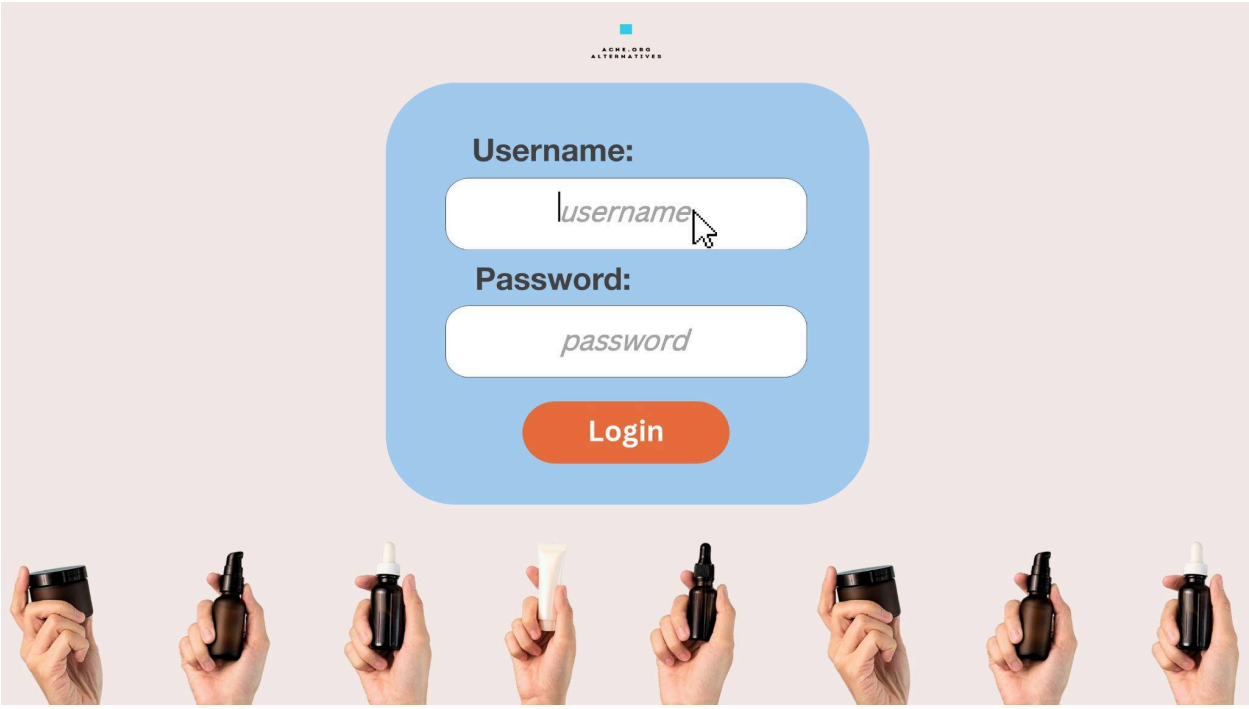
User can create, view, and export reports too but they do not have the authority to modify or delete reports since it is already generated from the inventory history information.

Storyboard





The inventory management system website layout consists of Acne. Org Alternatives name and logo and the name of the system. It also includes the login button.


ACNE.ORG
ALTERNATIVES
Username:
username
Password:
password
Login

ACNE.ORG
ALTERNATIVES
Username:
miki_rae
Password:
password
Login

The login panel prompts the user to enter his/her login credentials by asking for a username and password. Then, the user will click the login button to perform its intended action which is logging into the system.

ACNE.ORG
ALTERNATIVES
Total Products:
3
Total Amount of Products:
12
In Stock:
3
Supply by Product Name
Out of Stock:
0

ACNE.ORG
ALTERNATIVES
Total Products:
3
Total Amount of Products:
12
In Stock:
3
Supply by Product Name
Out of Stock:
0

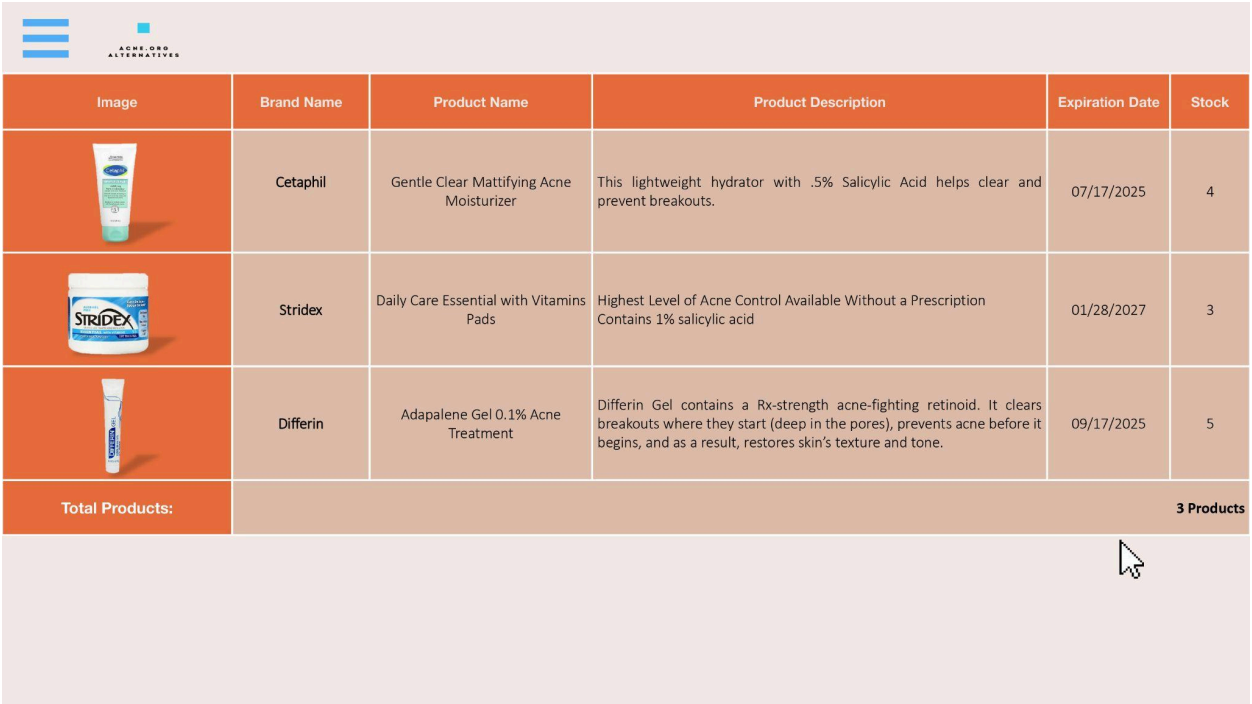


Image	Brand Name	Product Name	Product Description	Expiration Date	Stock
	Cetaphil	Gentle Clear Mattifying Acne Moisturizer	This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.	07/17/2025	4
	Stridex	Daily Care Essential with Vitamins Pads	Highest Level of Acne Control Available Without a Prescription Contains 1% salicylic acid	01/28/2027	3
	Differin	Adapalene Gel 0.1% Acne Treatment	Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.	09/17/2025	5
Total Products:					3 Products

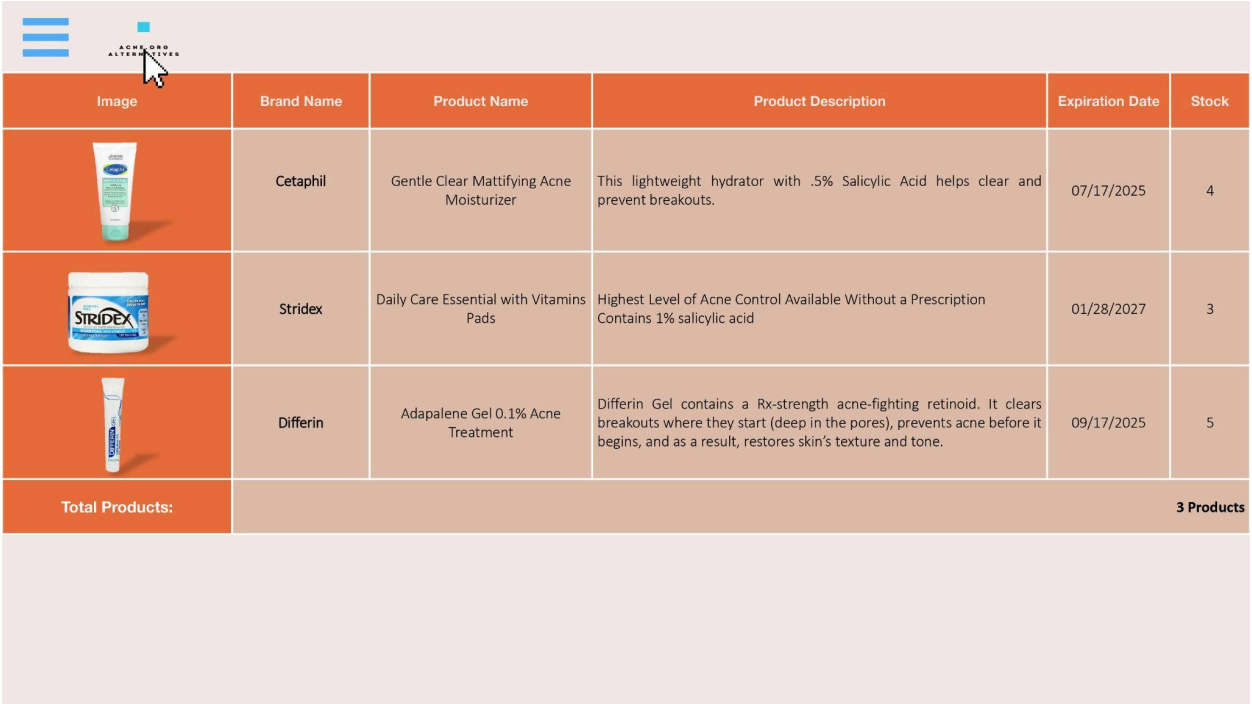
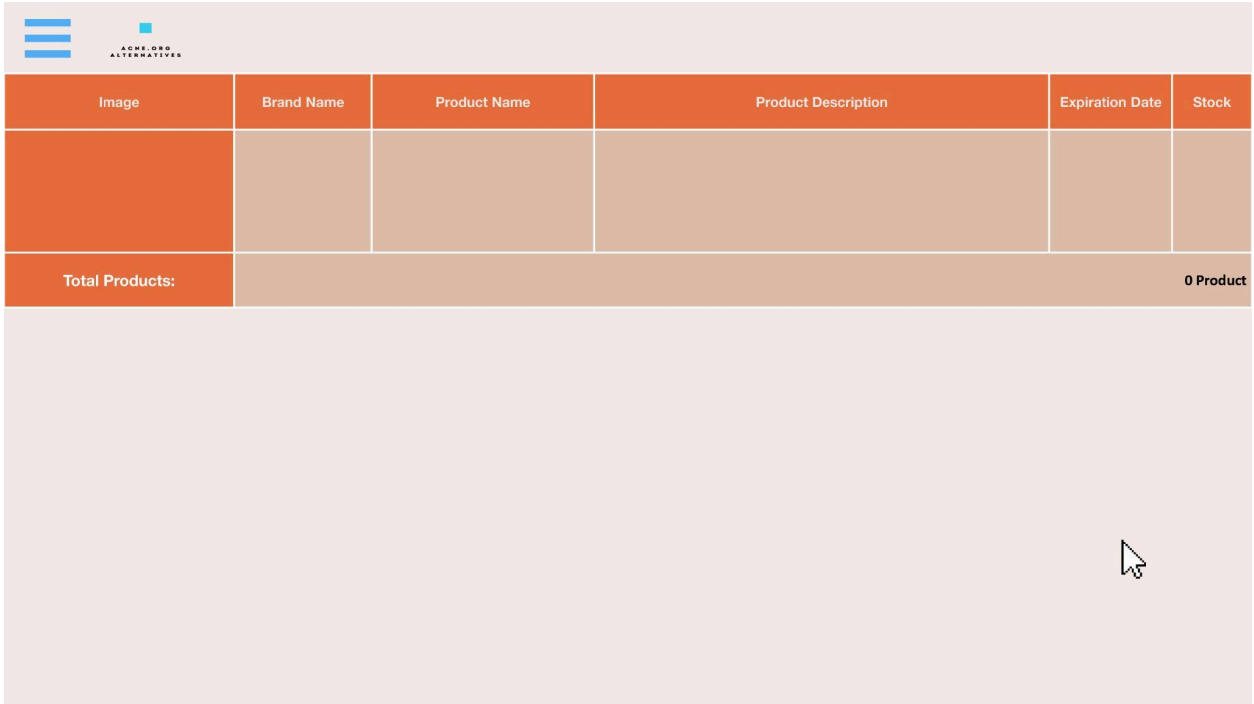
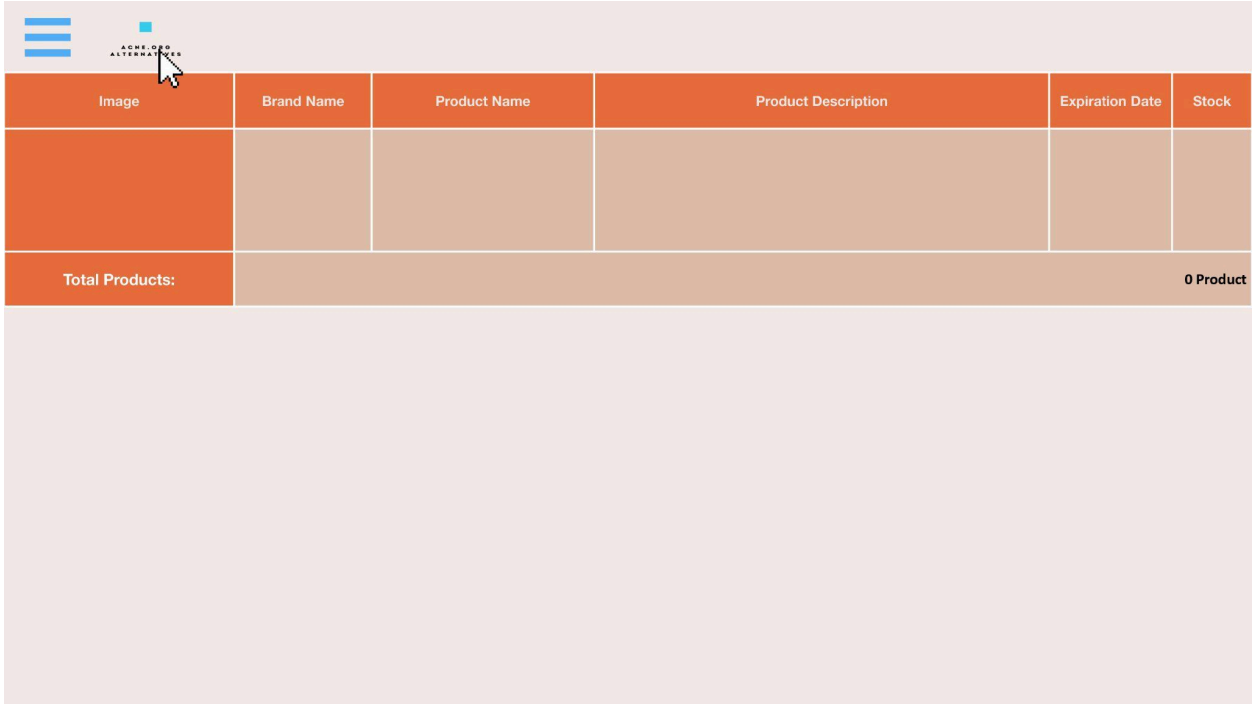


Image	Brand Name	Product Name	Product Description	Expiration Date	Stock
	Cetaphil	Gentle Clear Mattifying Acne Moisturizer	This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.	07/17/2025	4
	Stridex	Daily Care Essential with Vitamins Pads	Highest Level of Acne Control Available Without a Prescription Contains 1% salicylic acid	01/28/2027	3
	Differin	Adapalene Gel 0.1% Acne Treatment	Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.	09/17/2025	5
Total Products:					3 Products

The user is redirected to the homepage dashboard which contains simple card reports of the total products (by brand name), the total amount of products, (total) in stock (by brand name), and (total) out of stock (by brand name). The user can click the

in-stock card which will redirect him/her to another page containing a table of product details and their corresponding current stock. In this case, there are a total of 3 in stock products which were Cetaphil, Stridex, and Differin.



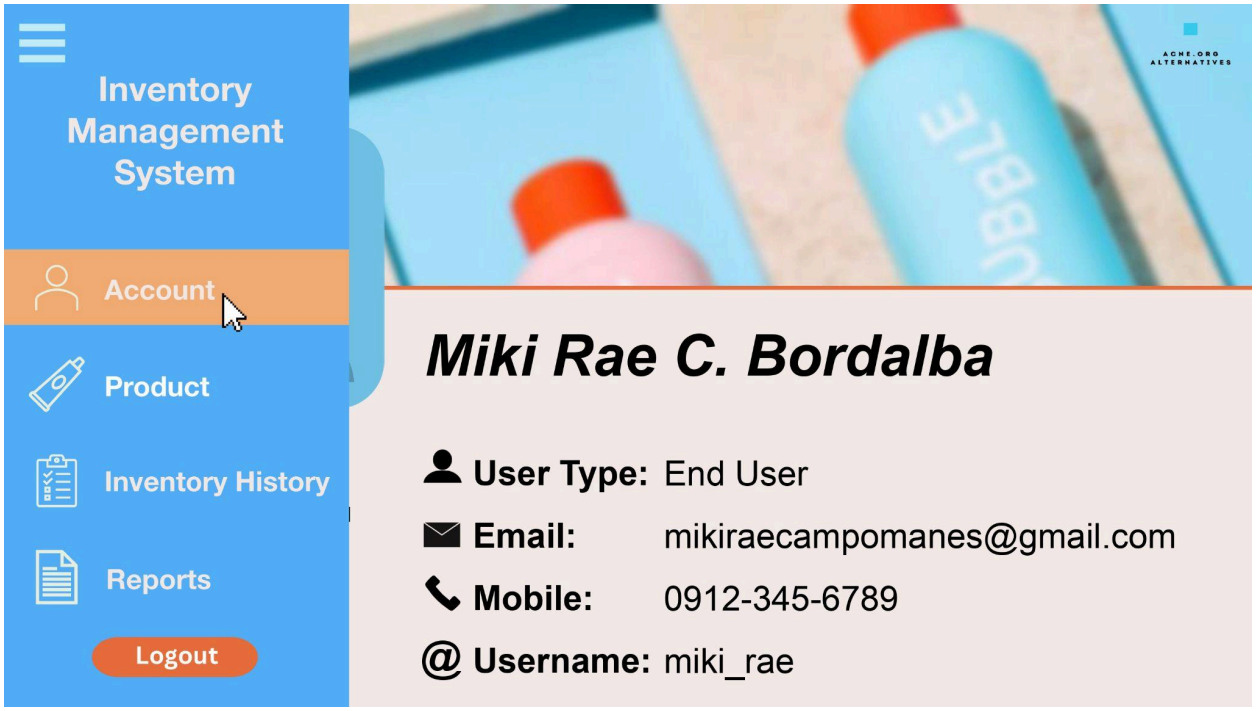


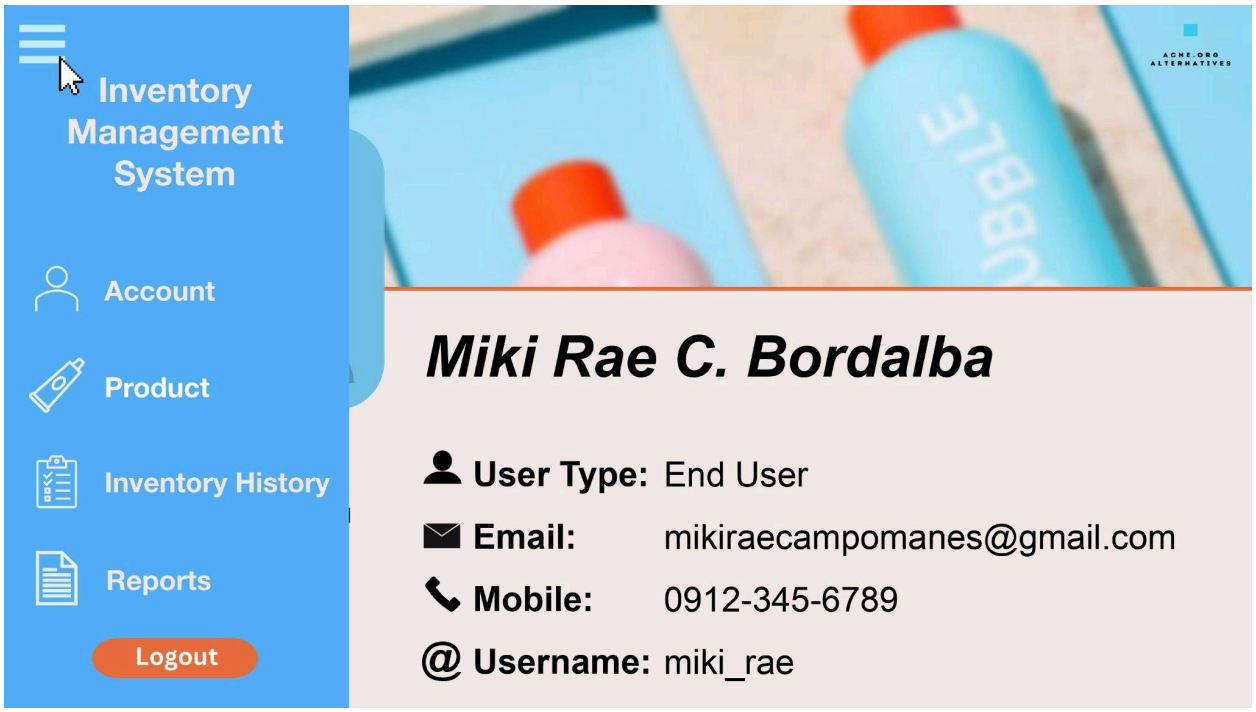
On the other hand, the user can also click the out-stock card which performs the same action as in stock card. In this case, there is a total of 0 out of stock products.

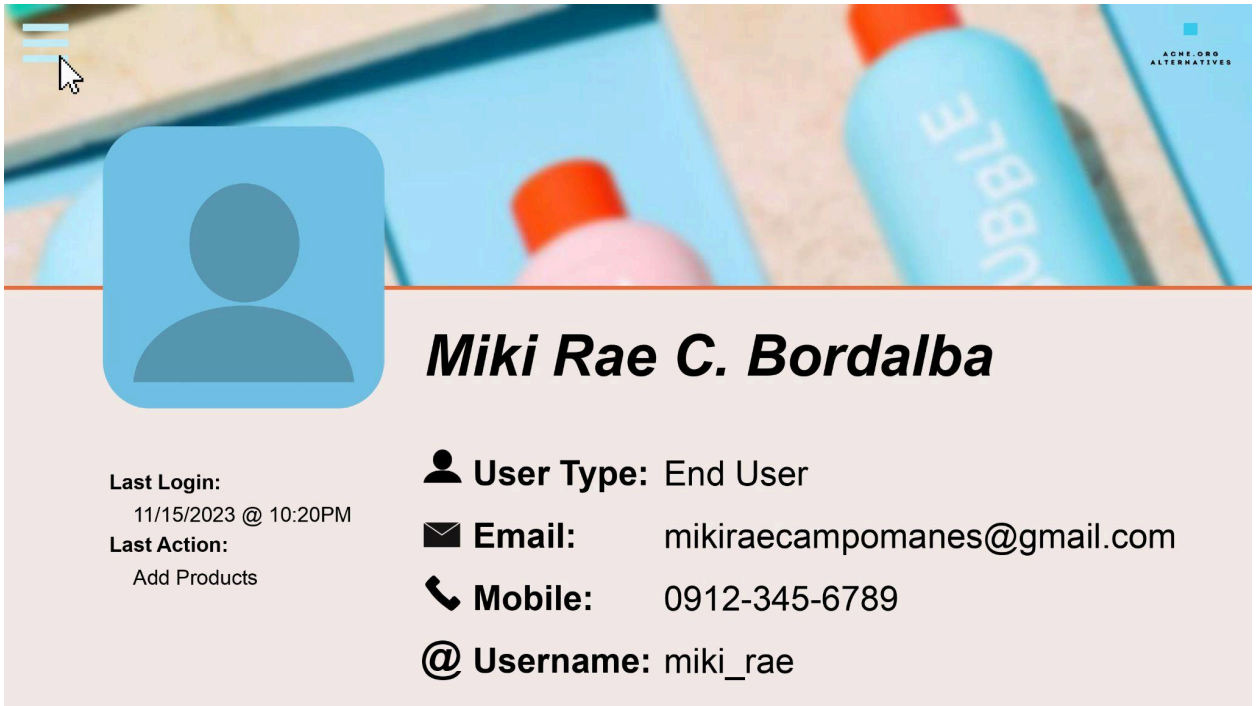
ACNE.ORG
ALTERNATIVES
Total Products:
3
Total Amount of Products:
12
In Stock:
3
Supply by Product Name
Out of Stock:
0

ACNE.ORG
ALTERNATIVES
Total Products:
3
Total Amount of Products:
12
In Stock:
3
Supply by Product Name
Out of Stock:
0

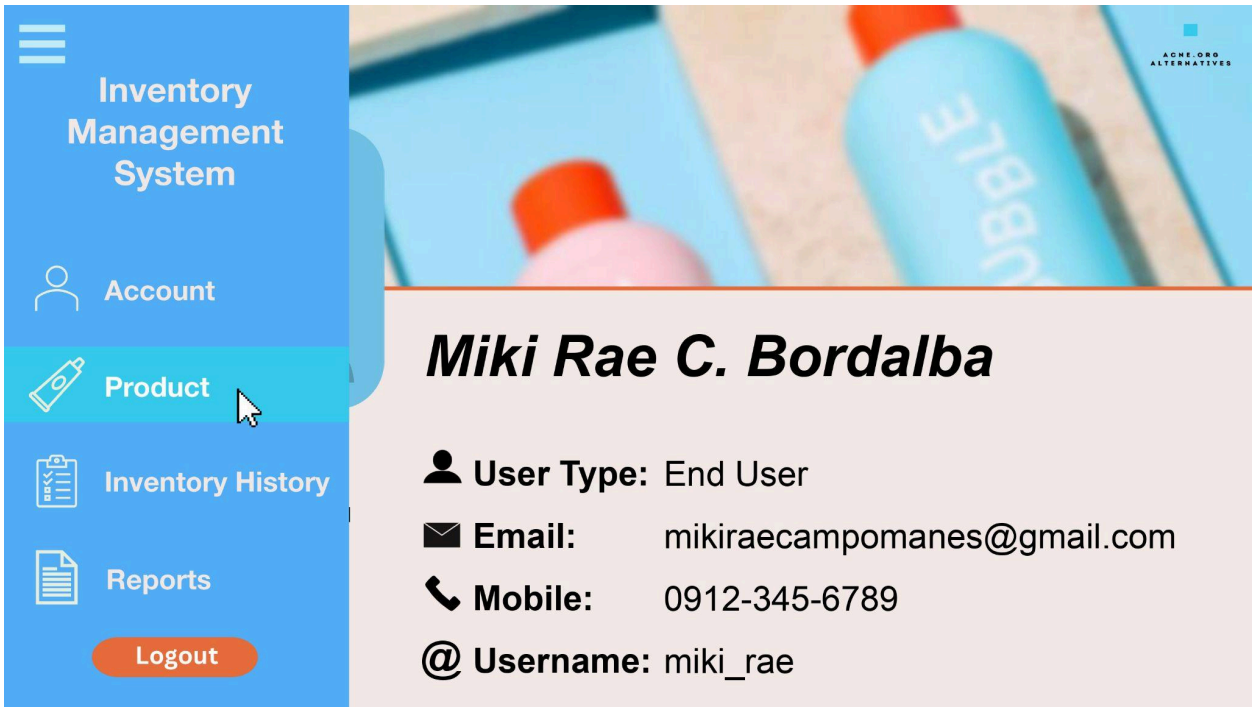
The user can click the three-horizontal bar icon which shows different management modules: account, product, inventory history, and reports.


Inventory Management System
Account
Product
Inventory History
Reports
Logout
ACNE.ORG ALTERNATIVES
Miki Rae C. Bordalba
User Type: End User
Email: mikiraecampomanes@gmail.com
Mobile: 0912-345-6789
Username: miki_rae

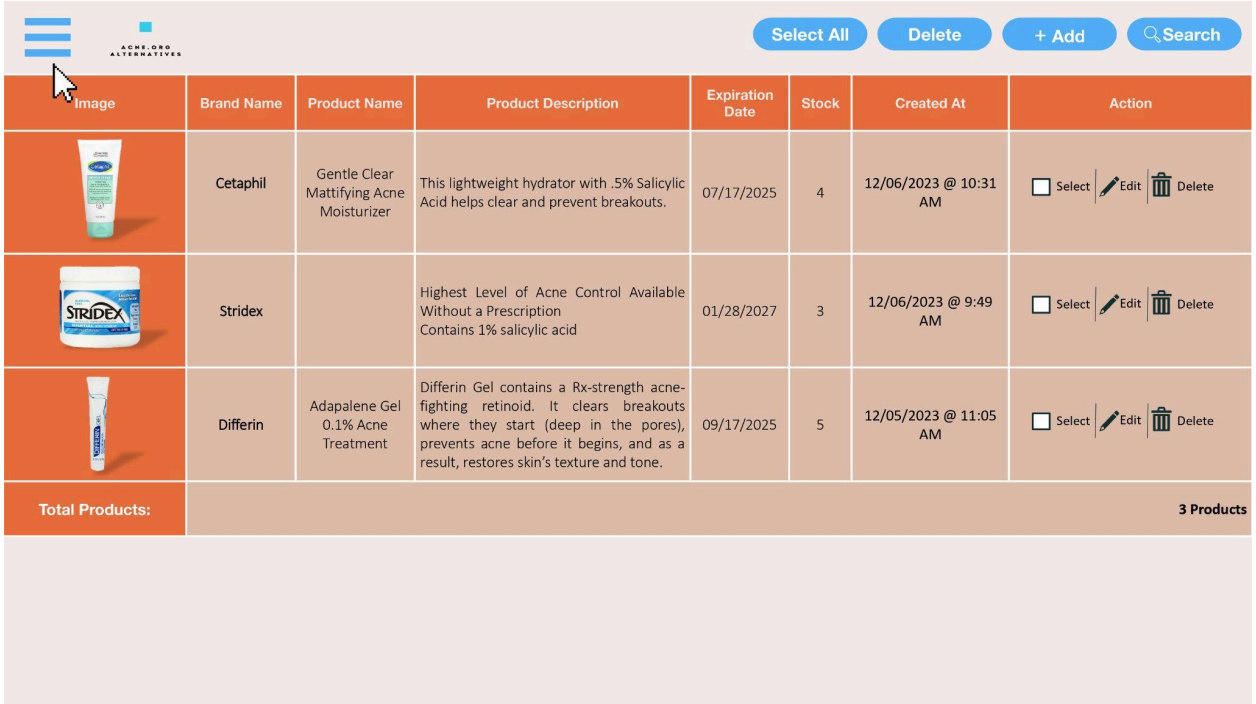

Inventory Management System
Account
Product
Inventory History
Reports
Logout
ACNE.ORG ALTERNATIVES
Miki Rae C. Bordalba
User Type: End User
Email: mikiraecampomanes@gmail.com
Mobile: 0912-345-6789
Username: miki_rae



By clicking the account bar, the user is redirected to another page containing his/her name, user type, email, mobile, and username. The account page also includes the date and time the user login to the system and the last action done to the product management module.

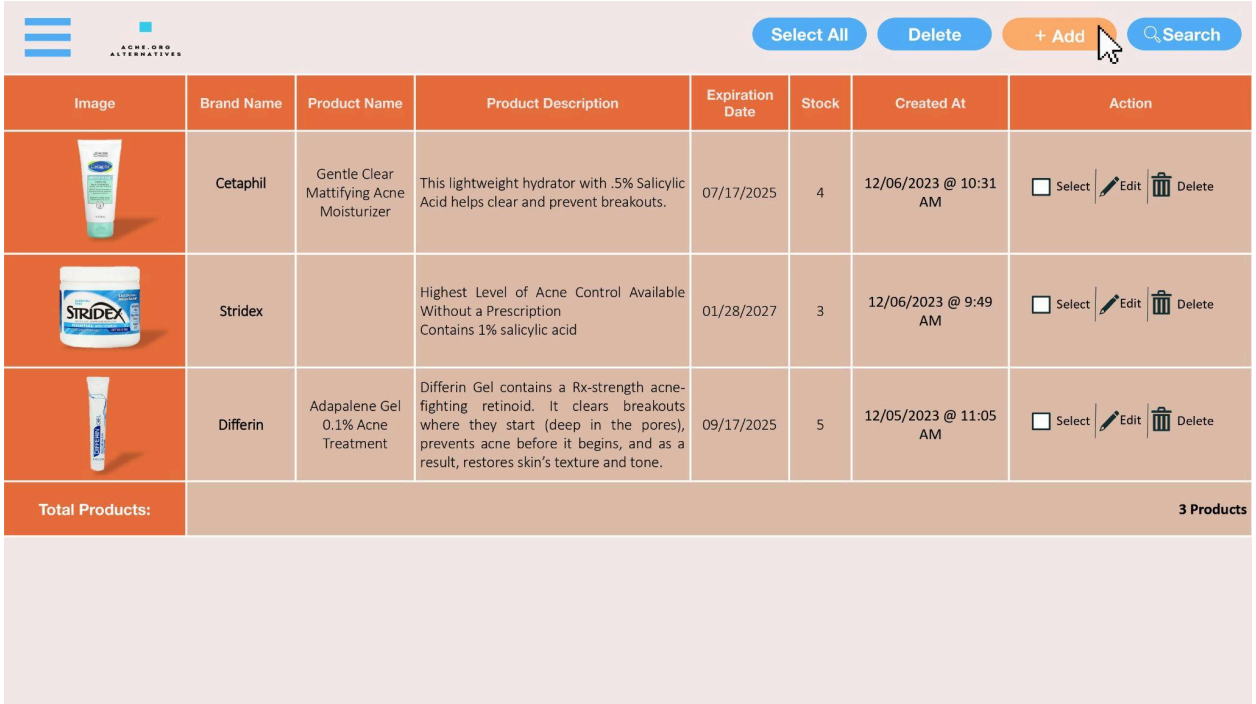

Inventory Management System
Account
Product
Inventory History
Reports
Logout
ACNE.ORG ALTERNATIVES
Miki Rae C. Bordalba
User Type: End User
Email: mikiraecampomanes@gmail.com
Mobile: 0912-345-6789
Username: miki_rae

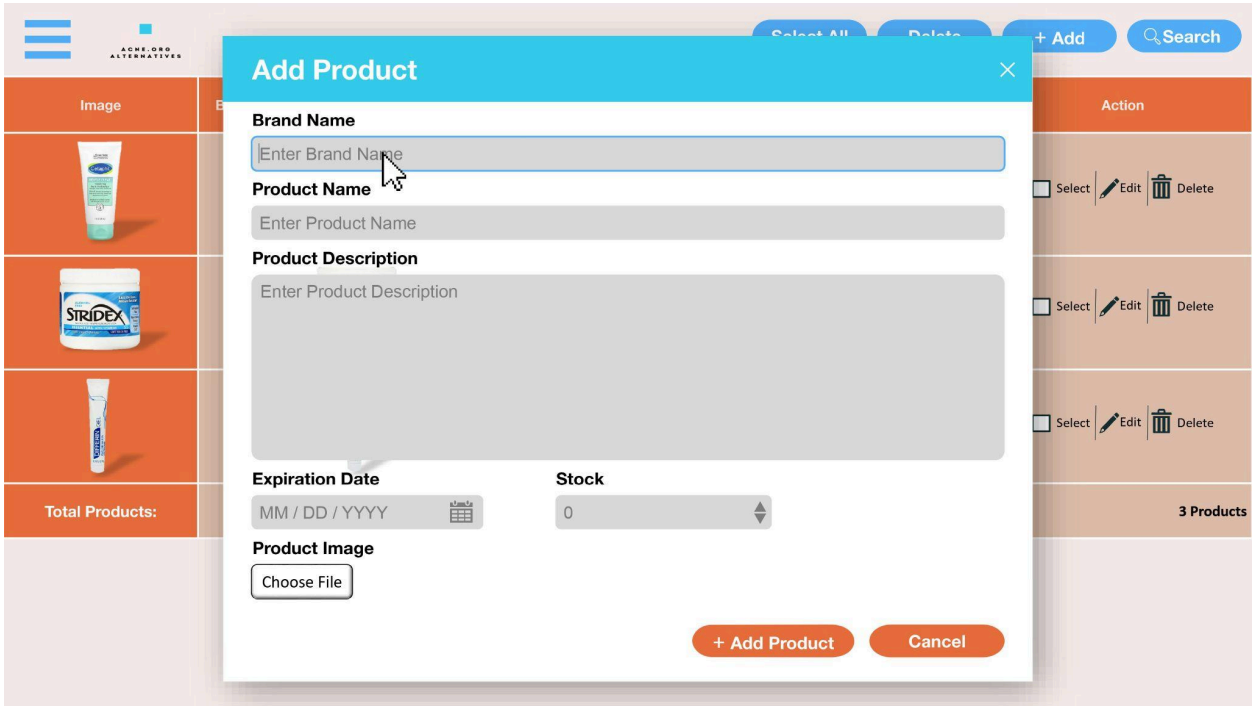
Inventory Management System
Account
Product
Inventory History
Reports
Logout
Select All
Delete
+ Add
Search
ct Name
Product Description
Expiration Date
Stock
Created At
Action
This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
Select
Edit
Delete
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/06/2023 @ 9:49 AM
Select
Edit
Delete
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
3 Products

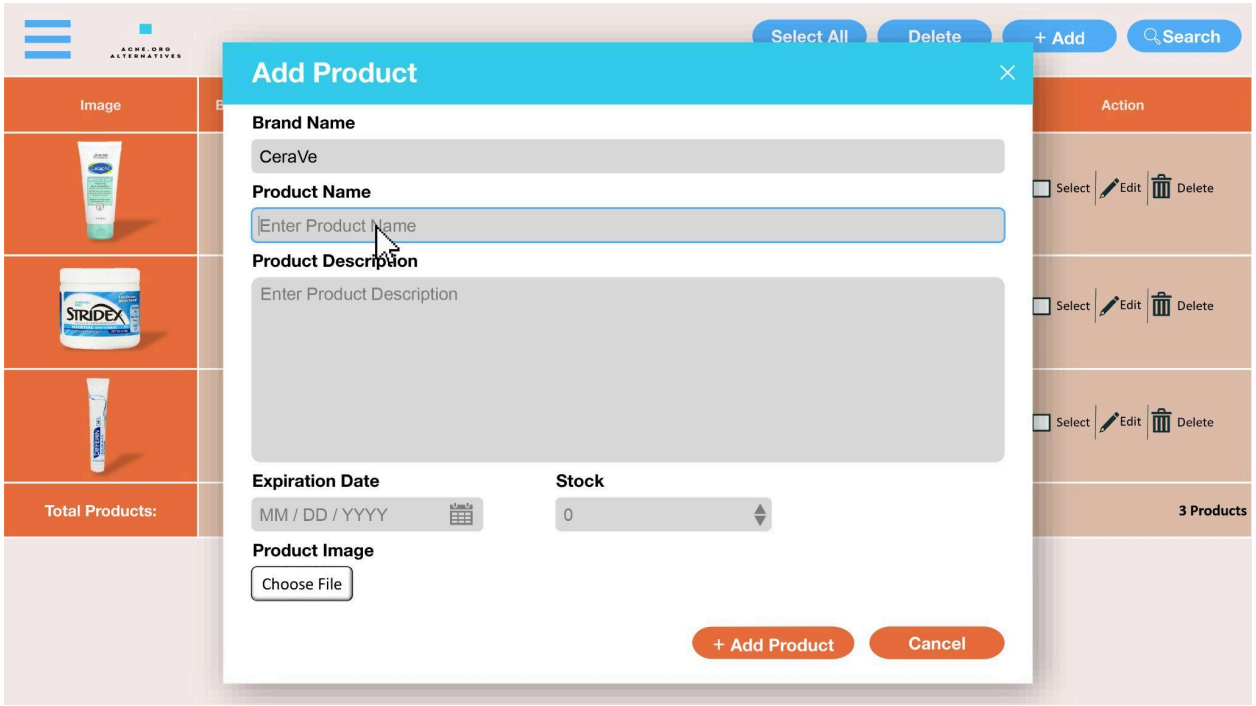


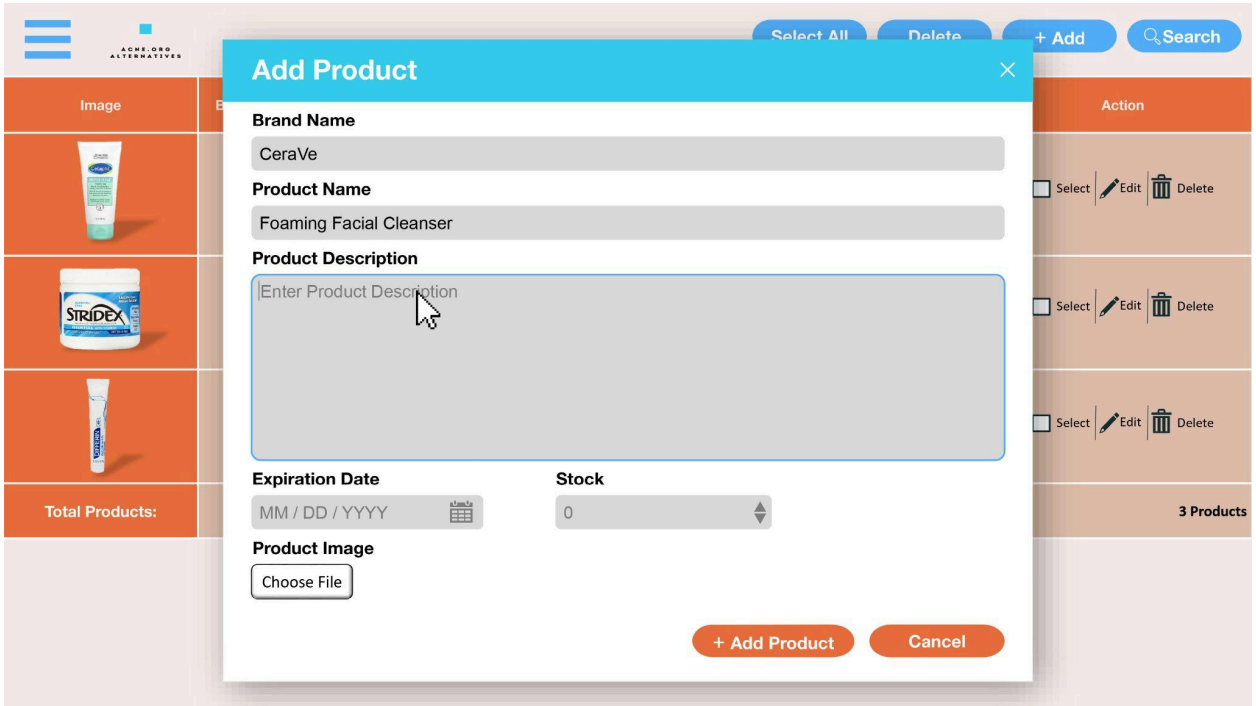
On the product bar, the user is redirected again to another page containing a tabular formatted of product details which includes the product's image, brand name, product name, expiration date, stock, and (date and time the produced was first)

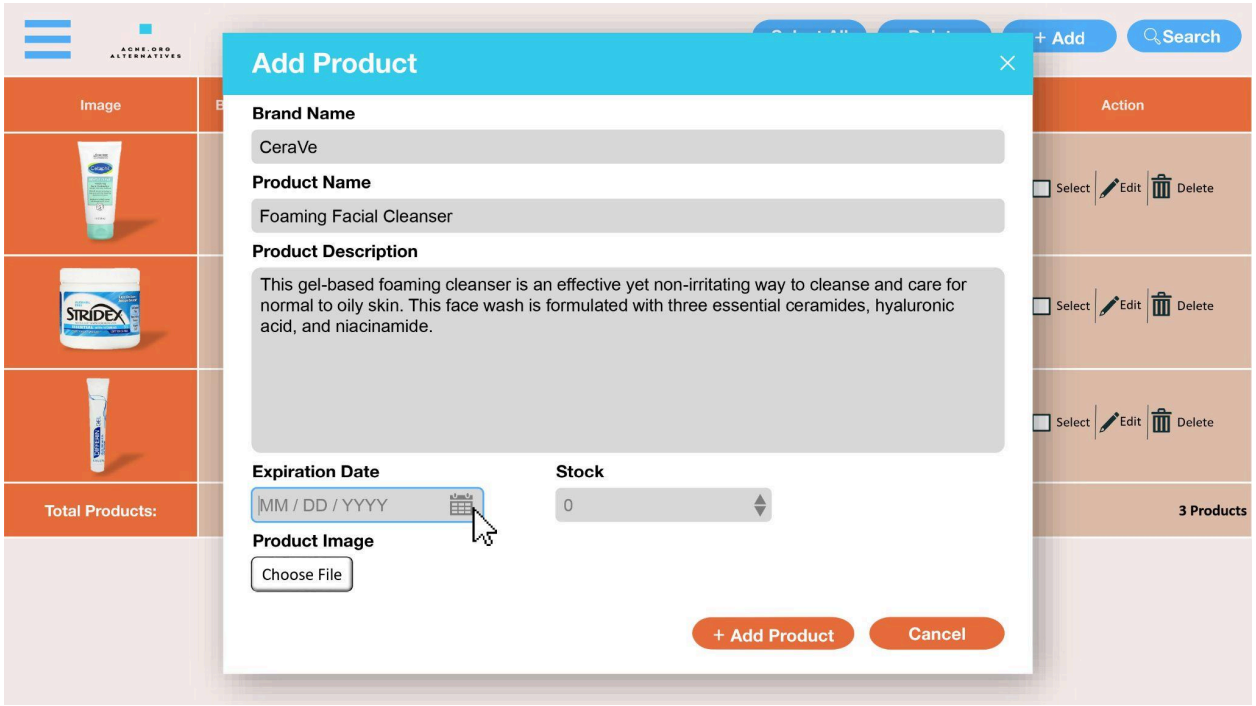
created at (or added in the system). There are also actions in which the user can either select, edit, or delete a product.

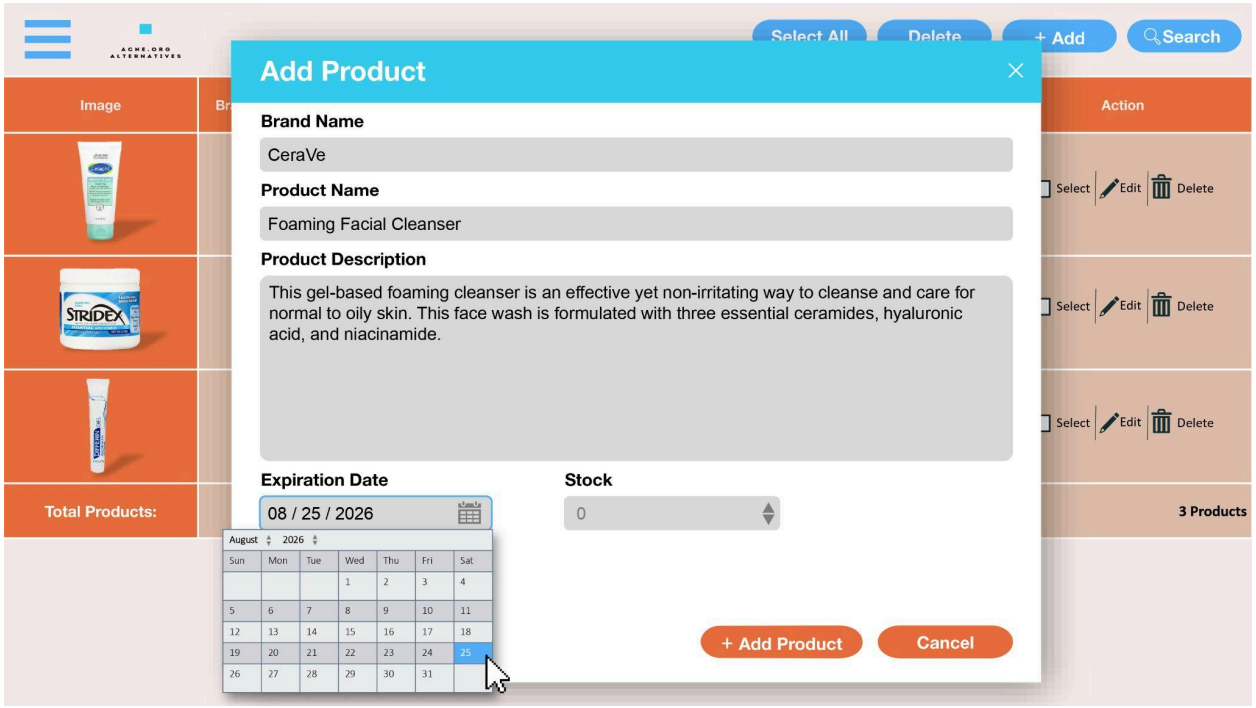


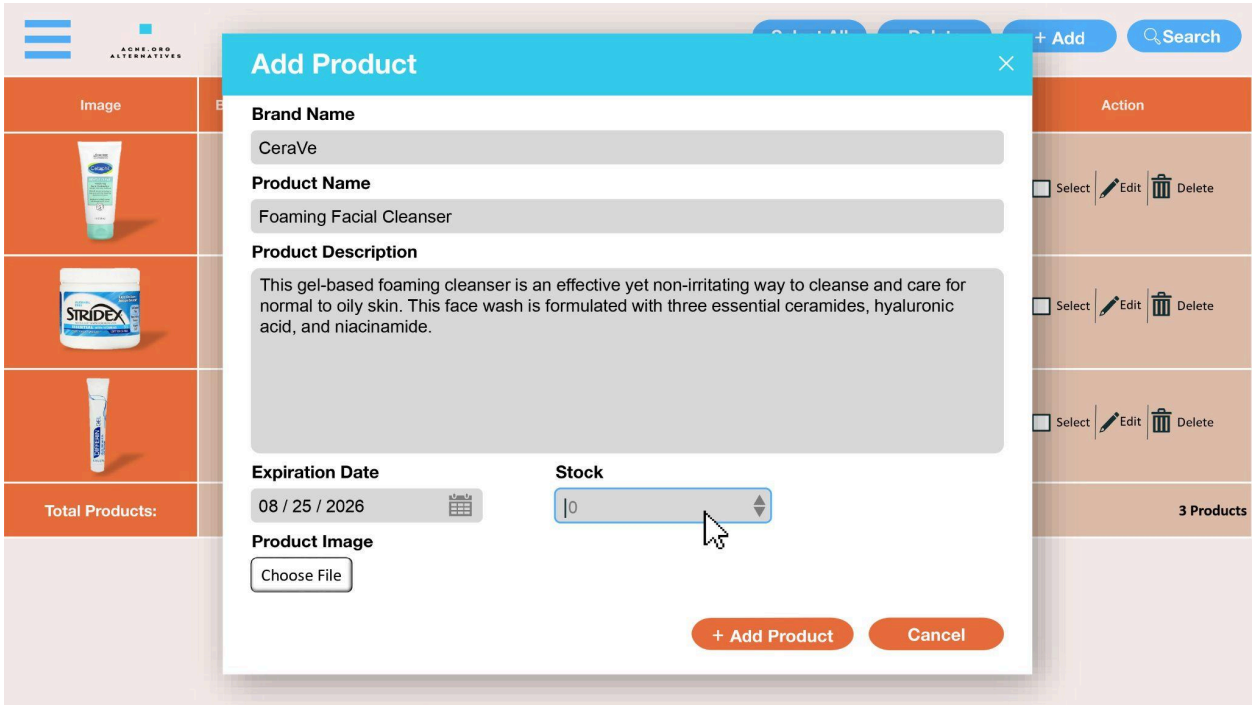


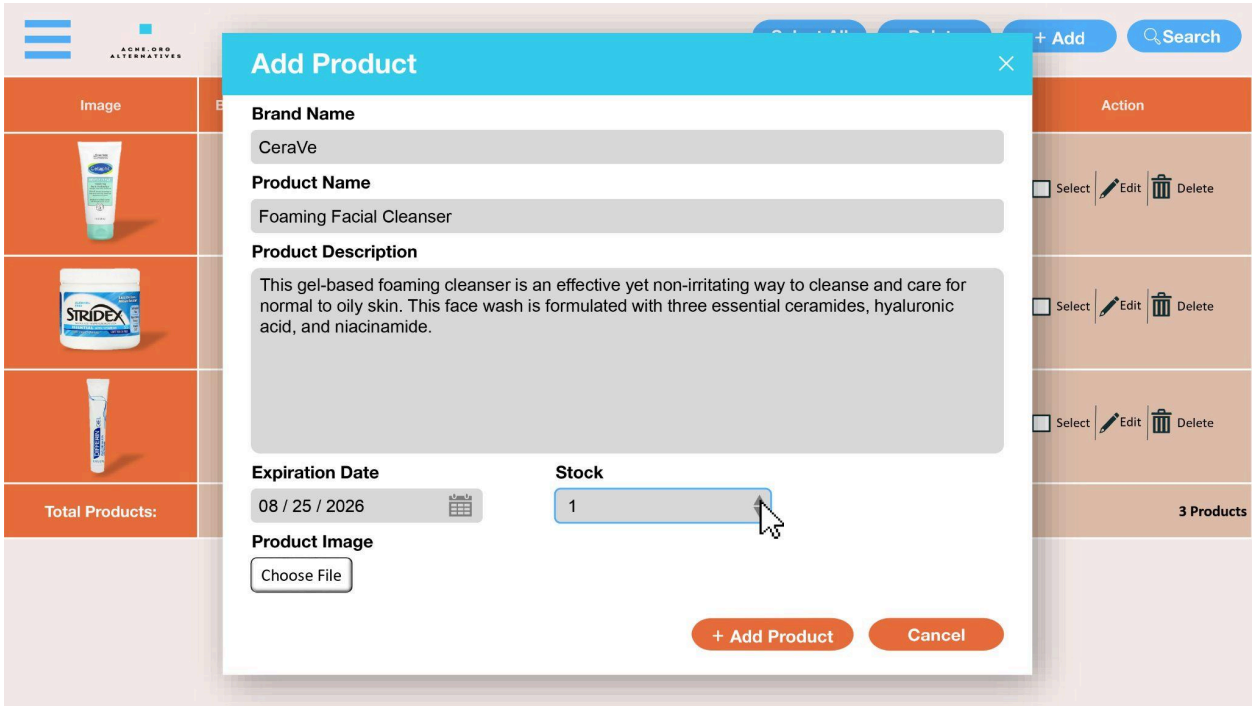

Select All
Delete
+ Add
Search
Image
Action
Add Product
Brand Name
CeraVe
Product Name
Enter Product Name
Product Description
Enter Product Description
Expiration Date
MM / DD / YYYY
Stock
0
Product Image
Choose File
+ Add Product
Cancel
Select
Edit
Delete
Total Products:
3 Products

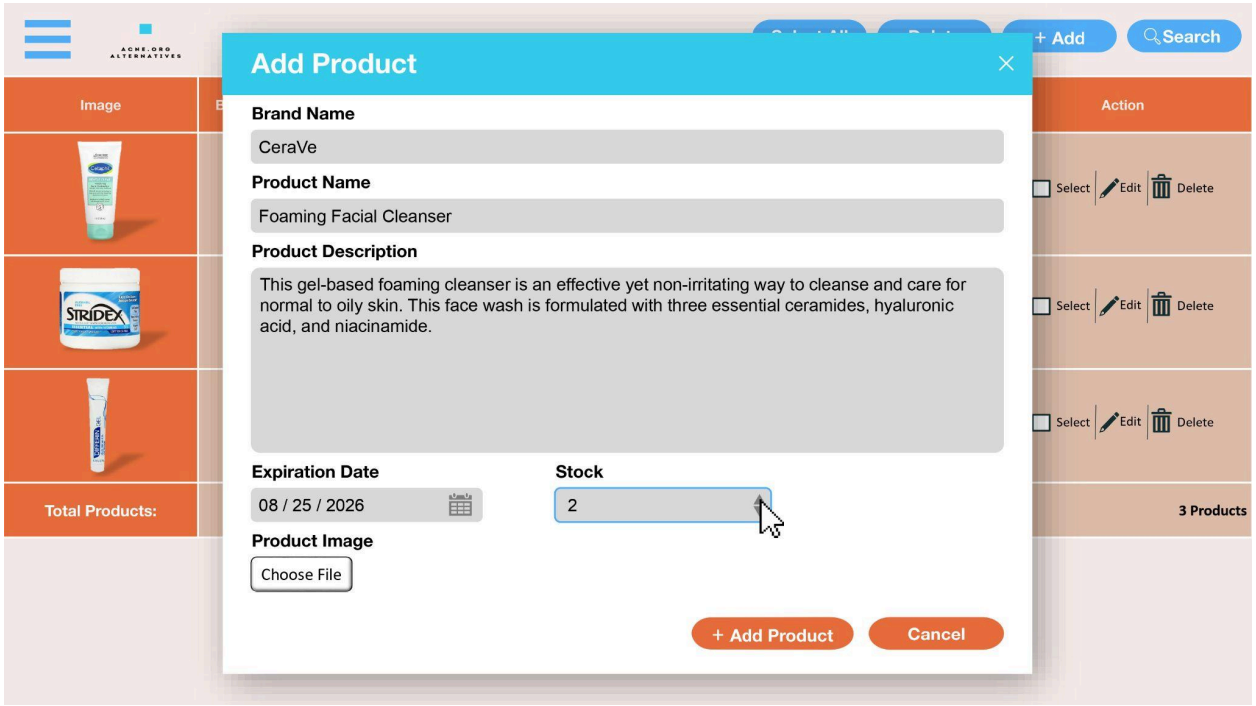

Select All
Delete
+ Add
Search
Image
Action
Add Product
Brand Name
CeraVe
Product Name
Foaming Facial Cleanser
Product Description
Enter Product Description
Expiration Date
MM / DD / YYYY
Stock
0
Product Image
Choose File
+ Add Product
Cancel
Select
Edit
Delete
Total Products:
3 Products

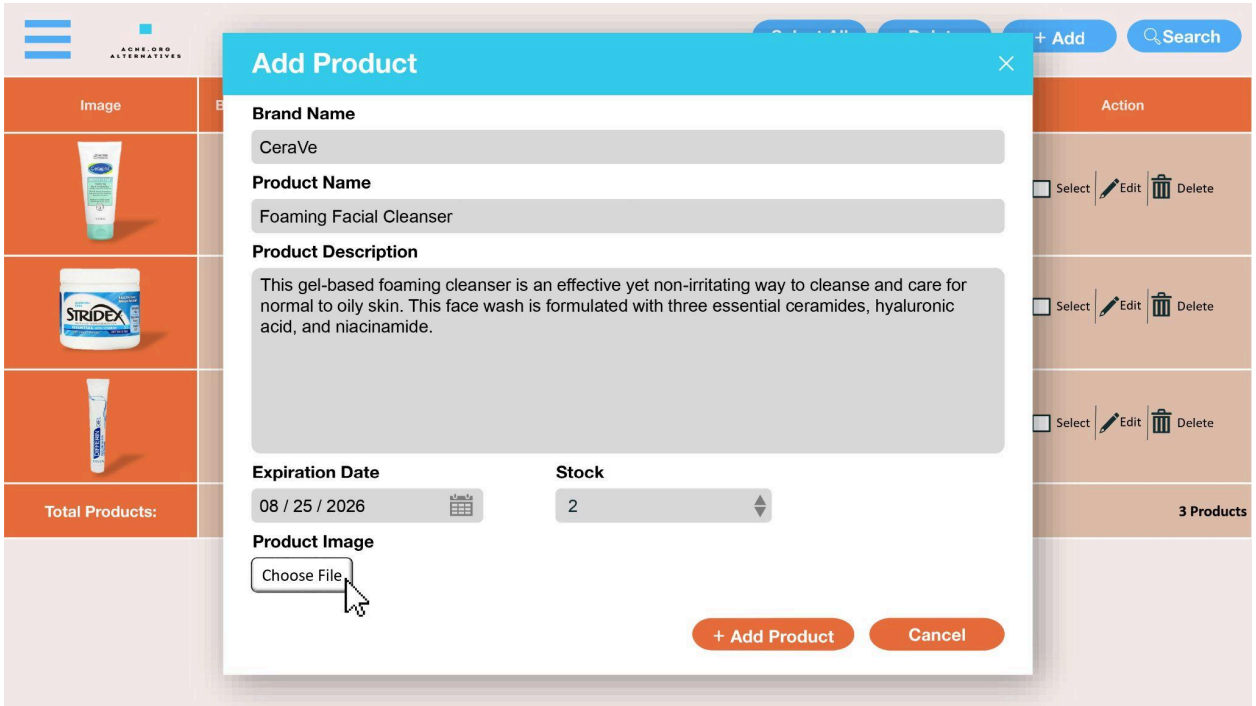

Add Product
Brand Name
CeraVe
Product Name
Foaming Facial Cleanser
Product Description
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
Expiration Date
MM / DD / YYYY
Stock
0
Product Image
Choose File
+ Add Product
Cancel
+ Add
Search
Image
Action
Select
Edit
Delete
Total Products:
3 Products

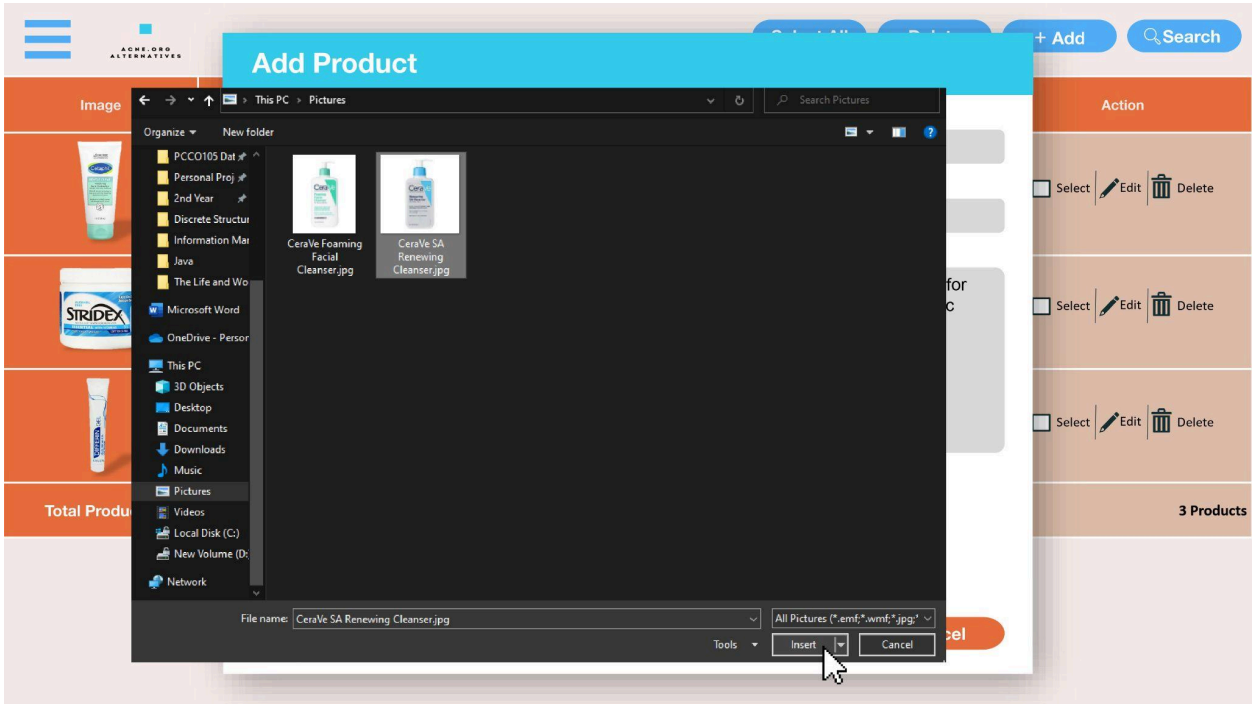

Add Product
Brand Name
CeraVe
Product Name
Foaming Facial Cleanser
Product Description
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
Expiration Date
08 / 25 / 2026
Stock
0
August
2026
Sun
Mon
Tue
Wed
Thu
Fri
Sat
+ Add Product
Cancel
Select All
Delete
+ Add
Search
Image
Action
Select
Edit
Delete
Total Products:
3 Products

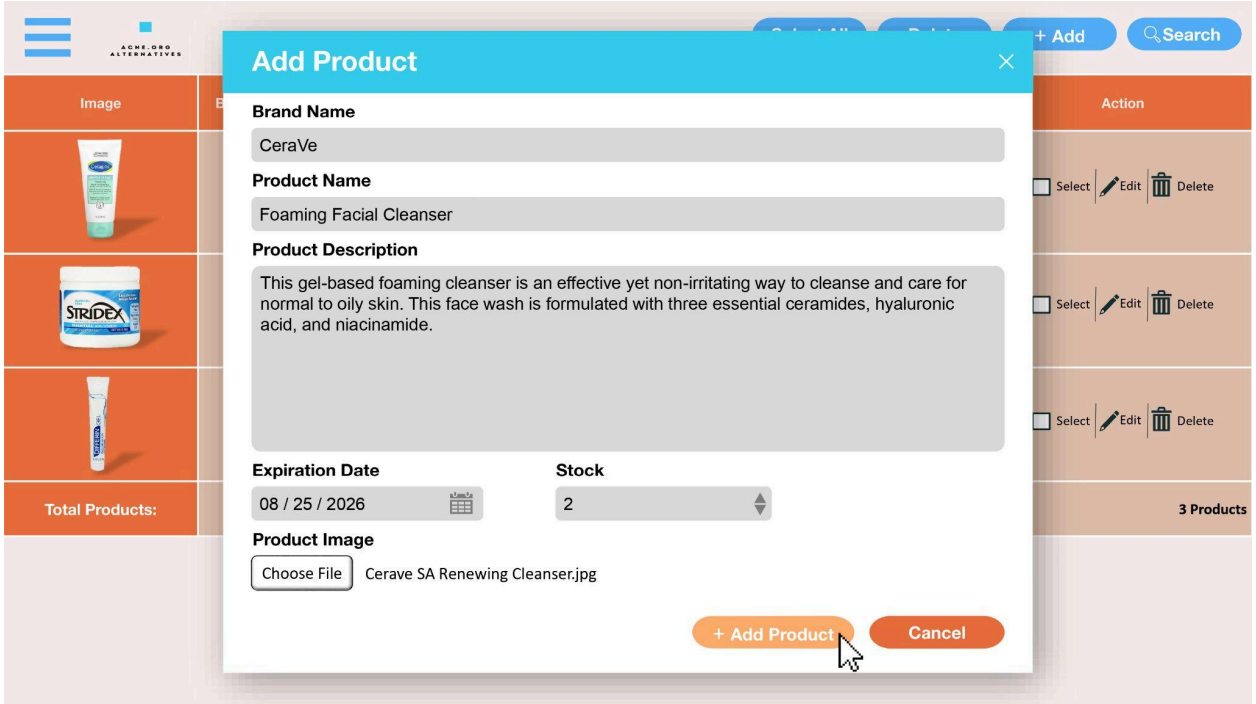

Add Product
Brand Name
CeraVe
Product Name
Foaming Facial Cleanser
Product Description
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
Expiration Date
08 / 25 / 2026
Stock
0
Product Image
Choose File
+ Add Product
Cancel
+ Add
Search
Image
Action
Select
Edit
Delete
Total Products:
3 Products


Add Product
Brand Name
CeraVe
Product Name
Foaming Facial Cleanser
Product Description
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
Expiration Date
08 / 25 / 2026
Stock
1
Product Image
Choose File
+ Add Product
Cancel
+ Add
Search
Image
Action
Select
Edit
Delete
Total Products:
3 Products


Add Product
Brand Name
CeraVe
Product Name
Foaming Facial Cleanser
Product Description
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
Expiration Date
08 / 25 / 2026
Stock
2
Product Image
Choose File
+ Add Product
Cancel
+ Add
Search
Image
Action
Select
Edit
Delete
Total Products:
3 Products


Add Product
Brand Name
CeraVe
Product Name
Foaming Facial Cleanser
Product Description
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
Expiration Date
08 / 25 / 2026
Stock
2
Product Image
Choose File
+ Add Product
Cancel
+ Add
Search
Image
Action
Select
Edit
Delete
Total Products:
3 Products





The user can add a product by clicking on the “+Add” button which will pop up a small window. The user can enter the product’s details such as the brand name, product name, and product description, along with their expiration date, amount of stocks, and

image of the product. The expiration date uses a calendar as the input field to prevent date errors which also goes the same with the stock's input field that utilizes the increase decrease counter to ensure that the user would only input numbers.

ACNE.ORG ALTERNATIVES

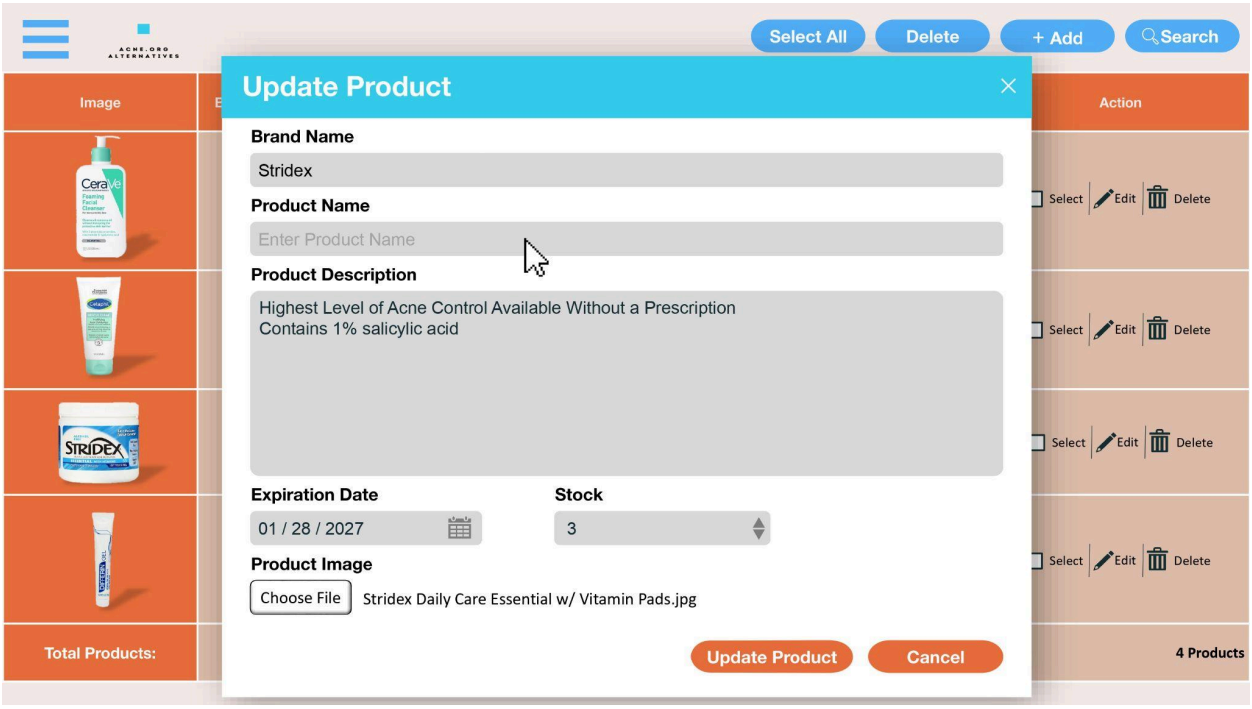
Select All | Delete | + Add | Search

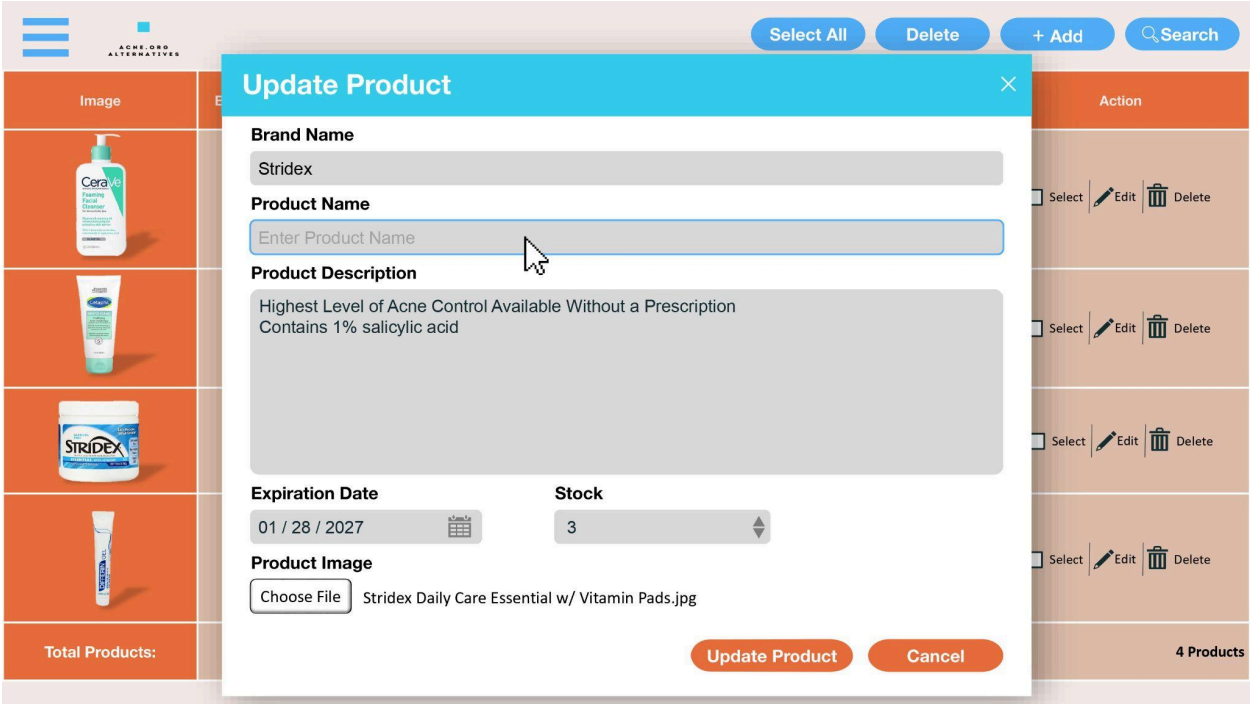
Image	Brand Name	Product Name	Product Description	Expiration Date	Stock	Created At	Action
	CeraVe	Foaming Facial Cleanser	This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.	08/25/2026	2	12/07/2023 @ 9:47 AM	Select Edit Delete
	Cetaphil	Gentle Clear Mattifying Acne Moisturizer	This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.	07/17/2025	4	12/06/2023 @ 10:31 AM	Select Edit Delete
	Stridex		Highest Level of Acne Control Available Without a Prescription Contains 1% salicylic acid	01/28/2027	3	12/06/2023 @ 9:49 AM	Select Edit Delete
	Differin	Adapalene Gel 0.1% Acne Treatment	Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.	09/17/2025	5	12/05/2023 @ 11:05 AM	Select Edit Delete
Total Products:							4 Products

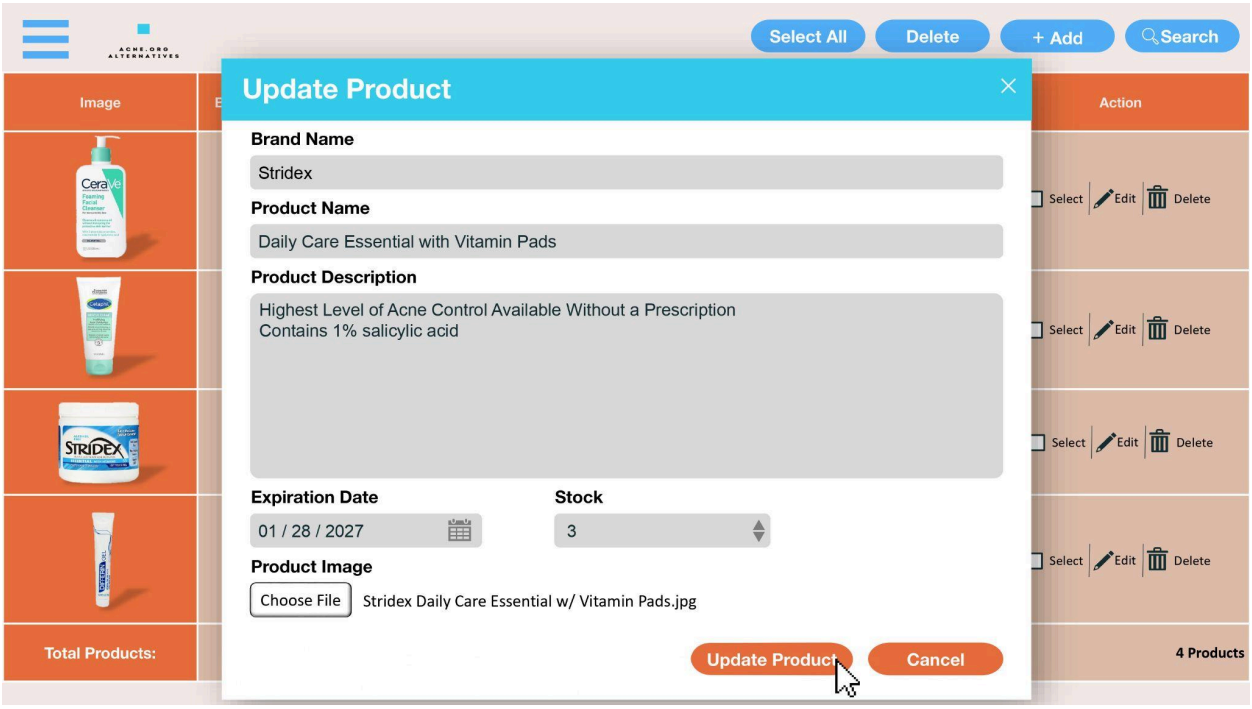
ACNE.ORG ALTERNATIVES

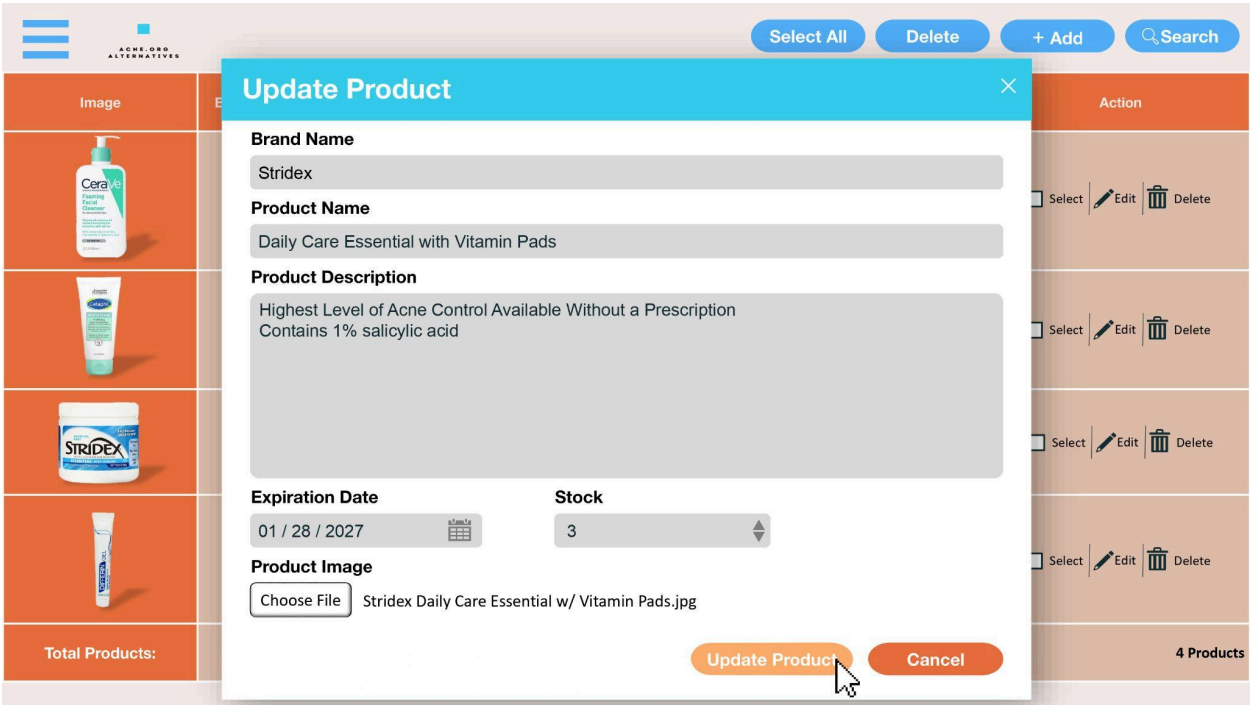
Select All | Delete | + Add | Search

Image	Brand Name	Product Name	Product Description	Expiration Date	Stock	Created At	Action
	CeraVe	Foaming Facial Cleanser	This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.	08/25/2026	2	12/07/2023 @ 9:47 AM	Select Edit Delete
	Cetaphil	Gentle Clear Mattifying Acne Moisturizer	This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.	07/17/2025	4	12/06/2023 @ 10:31 AM	Select Edit Delete
	Stridex		Highest Level of Acne Control Available Without a Prescription Contains 1% salicylic acid	01/28/2027	3	12/06/2023 @ 9:49 AM	Select Edit Delete
	Differin	Adapalene Gel 0.1% Acne Treatment	Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.	09/17/2025	5	12/05/2023 @ 11:05 AM	Select Edit Delete
Total Products:							4 Products


Select All
Delete
+ Add
Search
Image
Action
Update Product
Brand Name
Stridex
Product Name
Enter Product Name
Product Description
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
Expiration Date
01 / 28 / 2027
Stock
3
Product Image
Choose File
Stridex Daily Care Essential w/ Vitamin Pads.jpg
Update Product
Cancel
Select
Edit
Delete
Total Products:
4 Products

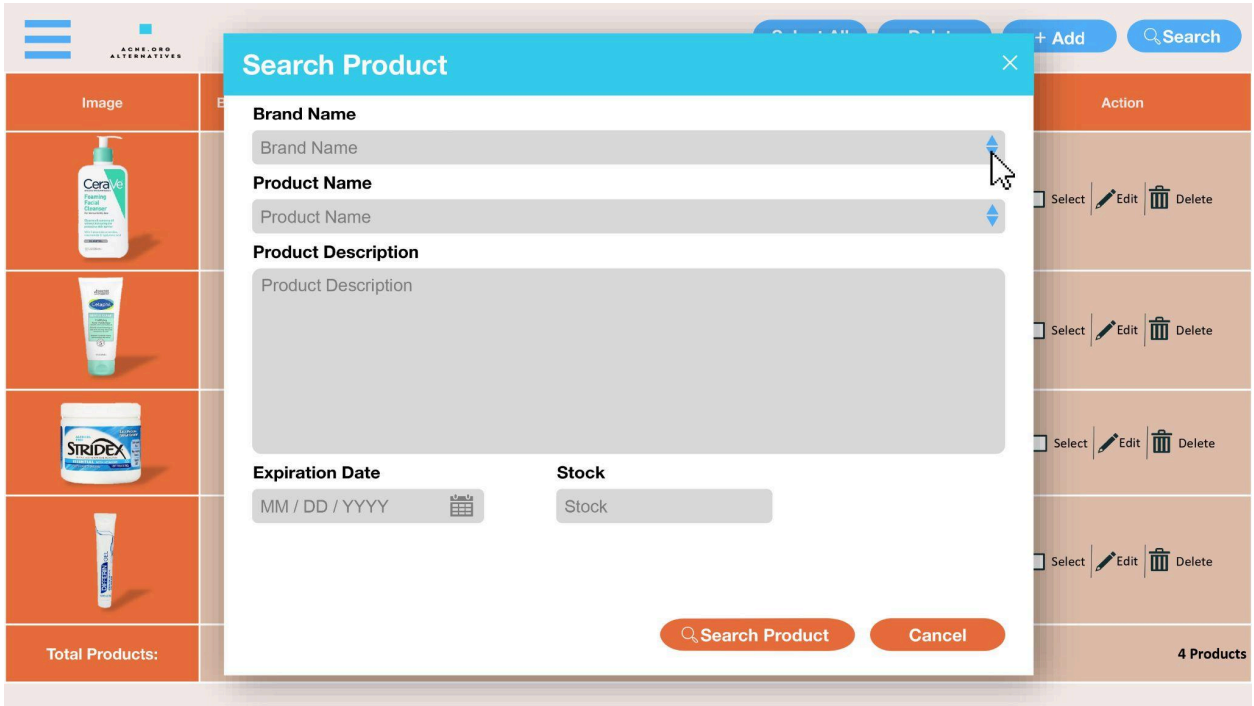

Select All
Delete
+ Add
Search
Image
Action
Update Product
Brand Name
Stridex
Product Name
Enter Product Name
Product Description
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
Expiration Date
01 / 28 / 2027
Stock
3
Product Image
Choose File
Stridex Daily Care Essential w/ Vitamin Pads.jpg
Update Product
Cancel
Select
Edit
Delete
Total Products:
4 Products

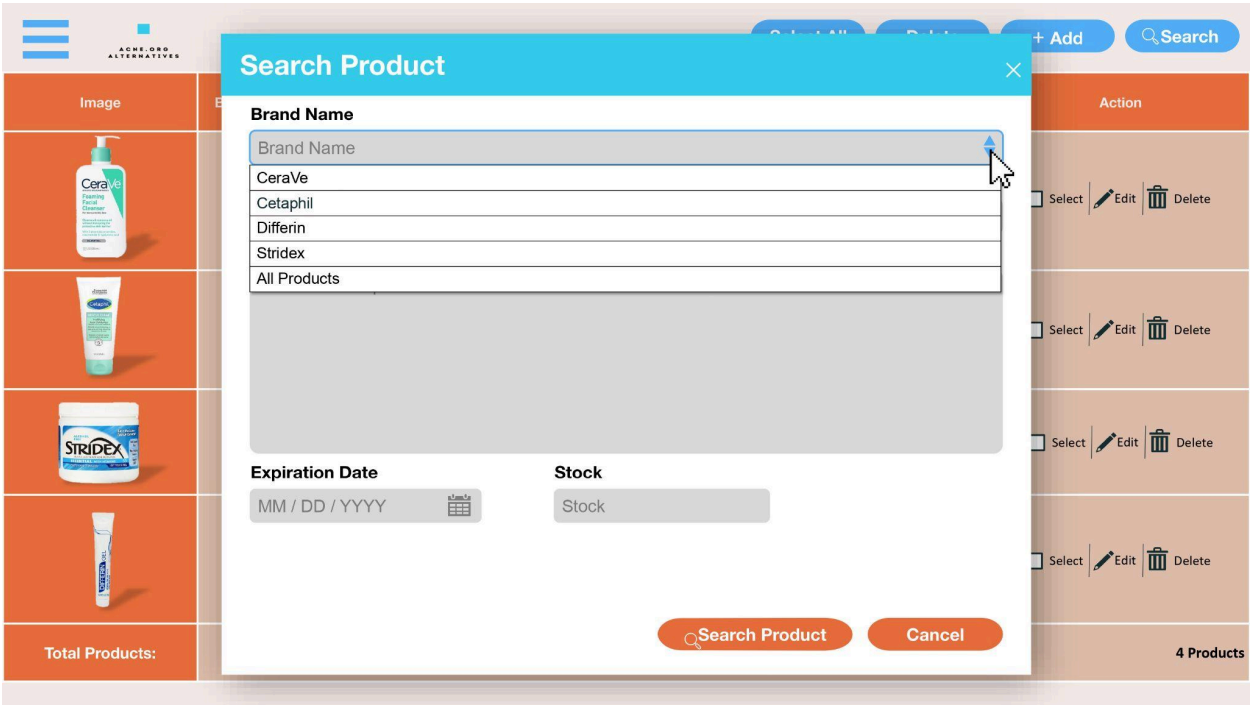

Select All
Delete
+ Add
Search
Image
Action
Update Product
Brand Name
Stridex
Product Name
Daily Care Essential with Vitamin Pads
Product Description
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
Expiration Date
01 / 28 / 2027
Stock
3
Product Image
Choose File
Stridex Daily Care Essential w/ Vitamin Pads.jpg
Update Product
Cancel
Select
Edit
Delete
Total Products:
4 Products

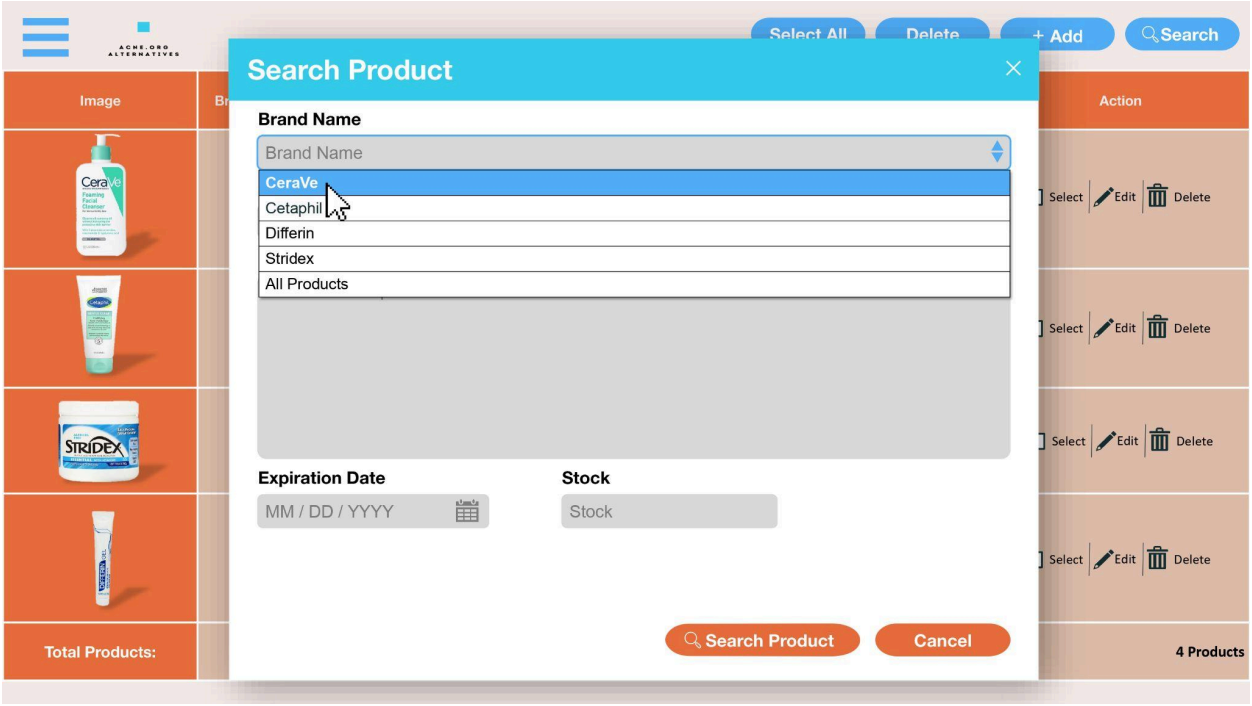


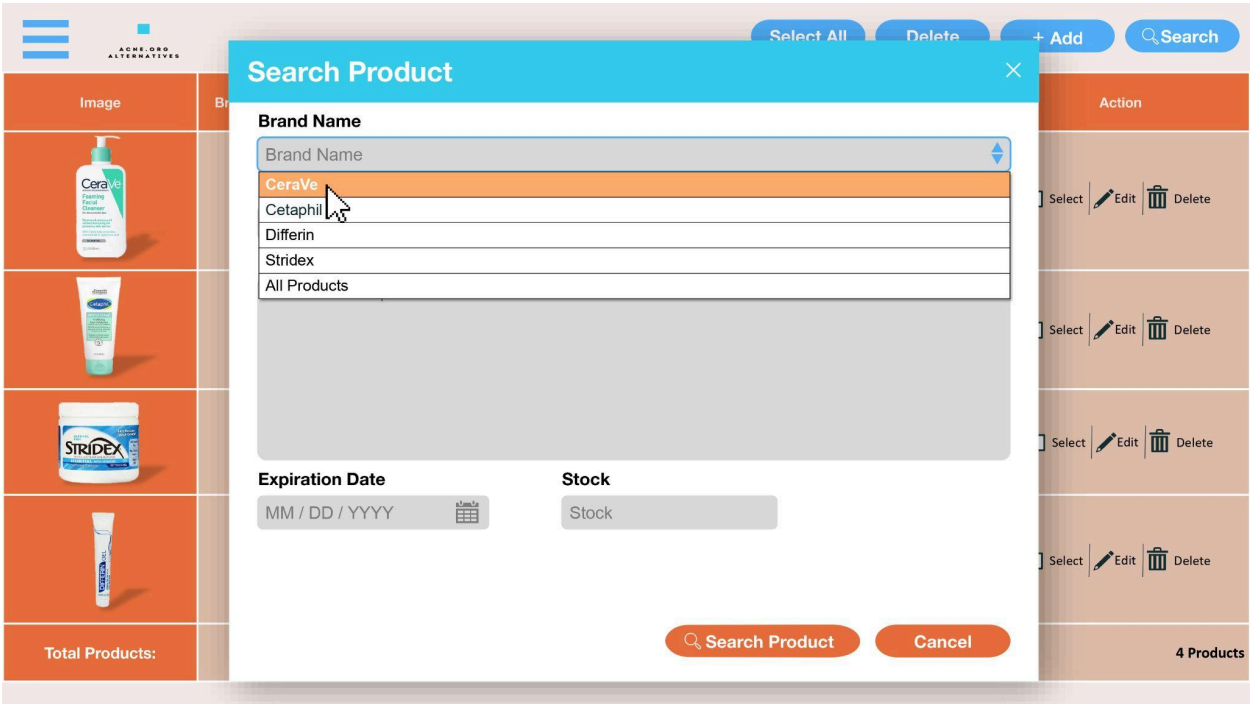
The user can click the edit button to update the selected product's details which will pop up a small window that will allow the user to update. In this example, the

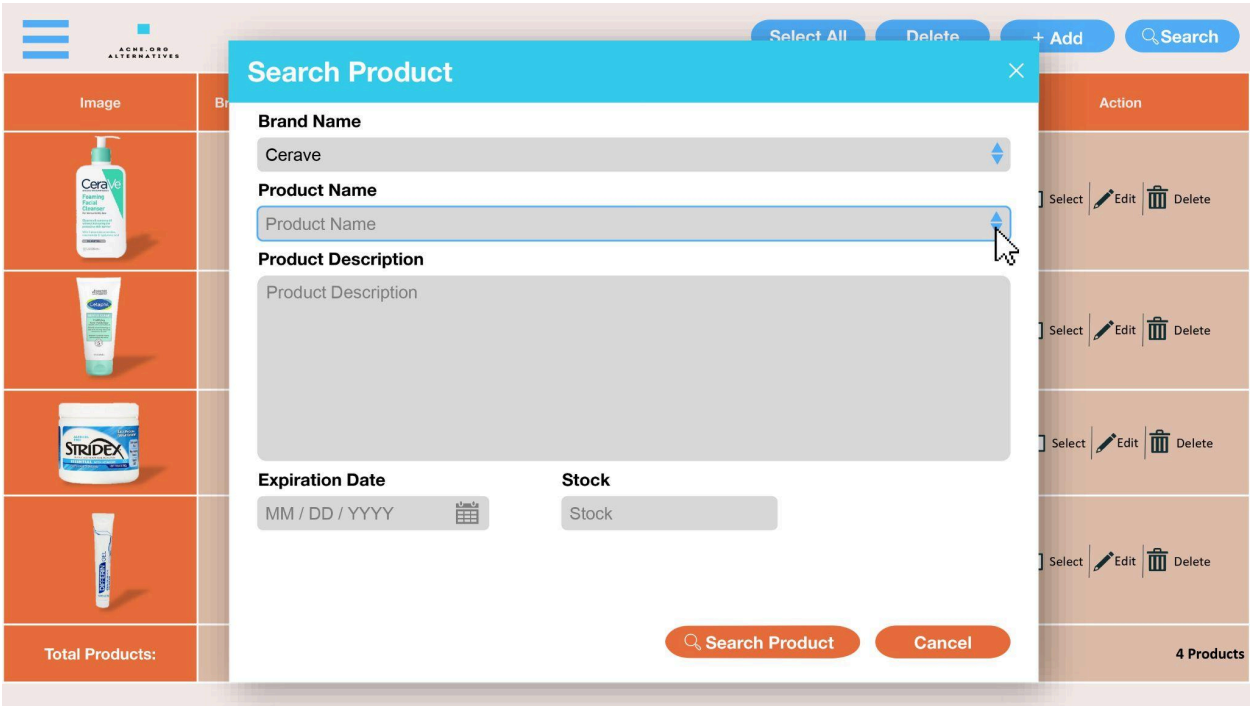
product name for the brand name Stridex does not have any details so the user updated its product row.

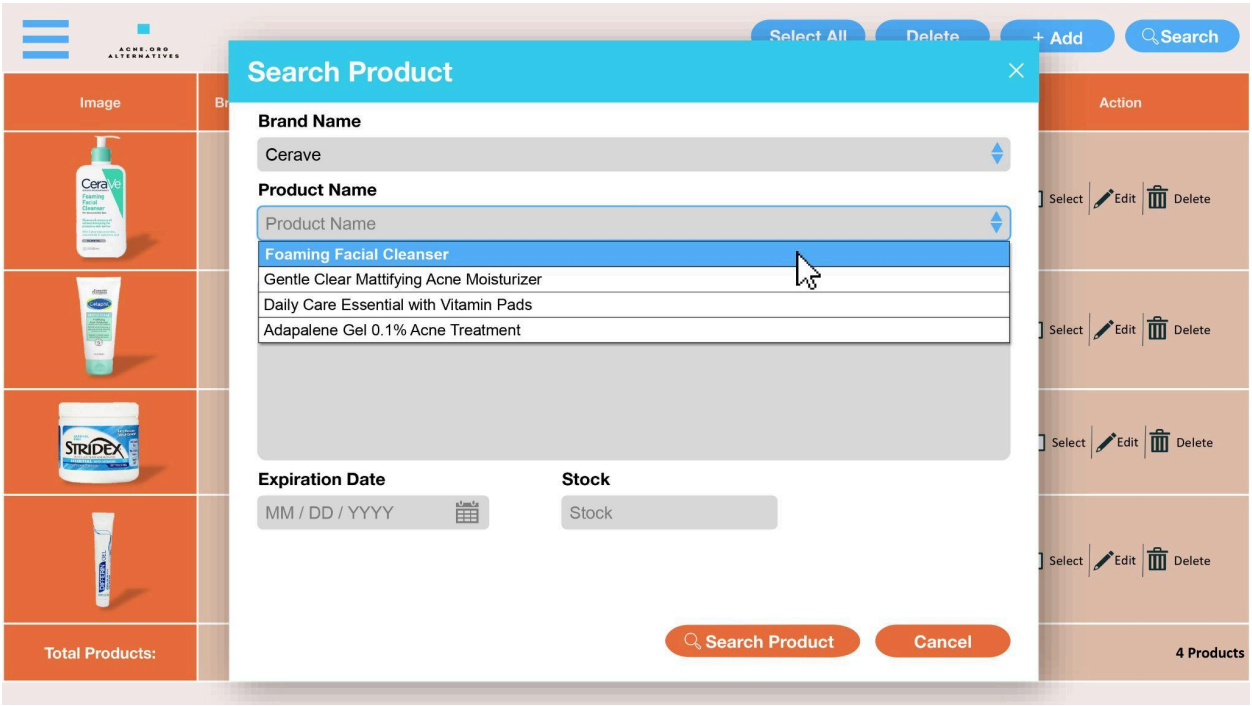


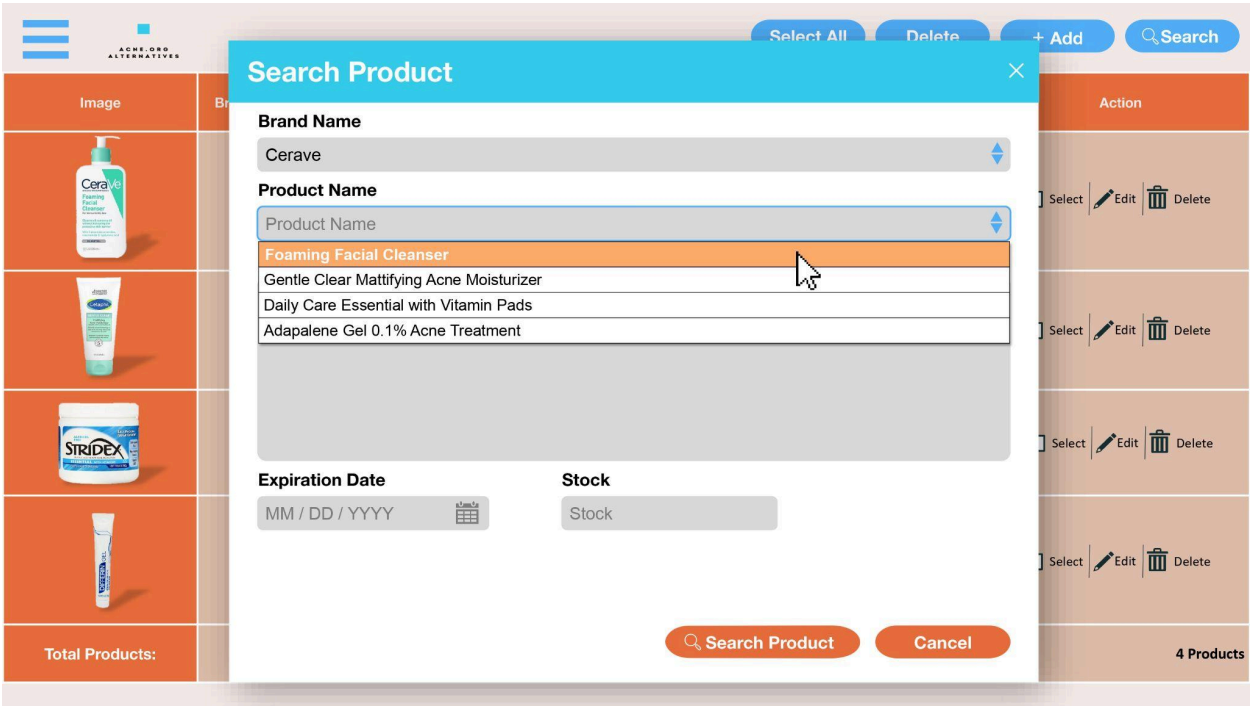

Search Product
Brand Name
Brand Name
CeraVe
Cetaphil
Differin
Stridex
All Products
Expiration Date
MM / DD / YYYY
Stock
Stock
Search Product
Cancel
+ Add
Search
Image
Action
Select
Edit
Delete
Total Products:
4 Products

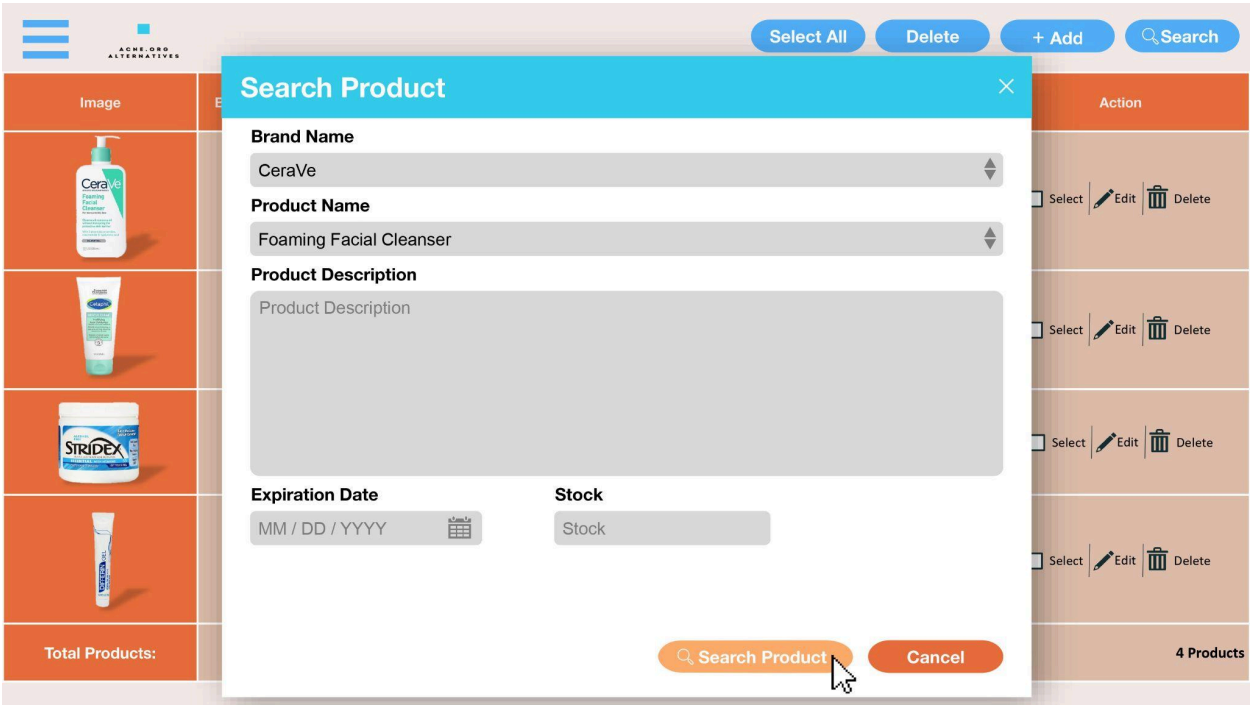

Search Product
Brand Name
Brand Name
CeraVe
Cetaphil
Differin
Stridex
All Products
Expiration Date
MM / DD / YYYY
Stock
Stock
Search Product
Cancel
Select All
Delete
+ Add
Search
Image
Action
Select
Edit
Delete
Total Products:
4 Products

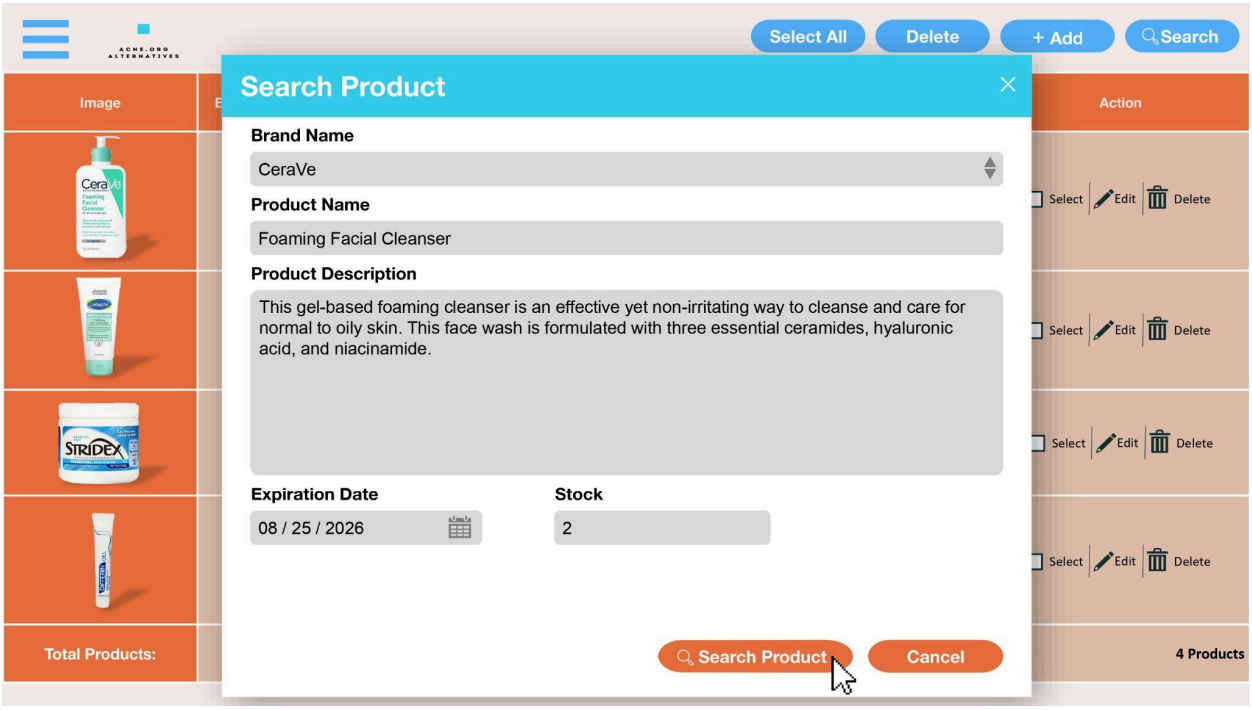

Select All
Delete
+ Add
Search
Image
Action
Search Product
Brand Name
Brand Name
CeraVe
Cetaphil
Differin
Stridex
All Products
Select
Edit
Delete
Expiration Date
MM / DD / YYYY
Stock
Stock
Search Product
Cancel
Total Products:
4 Products


Select All
Delete
+ Add
Search
Image
Action
Search Product
Brand Name
Cerave
Product Name
Product Name
Product Description
Product Description
Select
Edit
Delete
Expiration Date
MM / DD / YYYY
Stock
Stock
Search Product
Cancel
Total Products:
4 Products


Select All
Delete
+ Add
Search
Image
Action
Search Product
Brand Name
Cerave
Product Name
Product Name
Foaming Facial Cleanser
Gentle Clear Mattifying Acne Moisturizer
Daily Care Essential with Vitamin Pads
Adapalene Gel 0.1% Acne Treatment
Expiration Date
MM / DD / YYYY
Stock
Stock
Search Product
Cancel
Select
Edit
Delete
Total Products:
4 Products

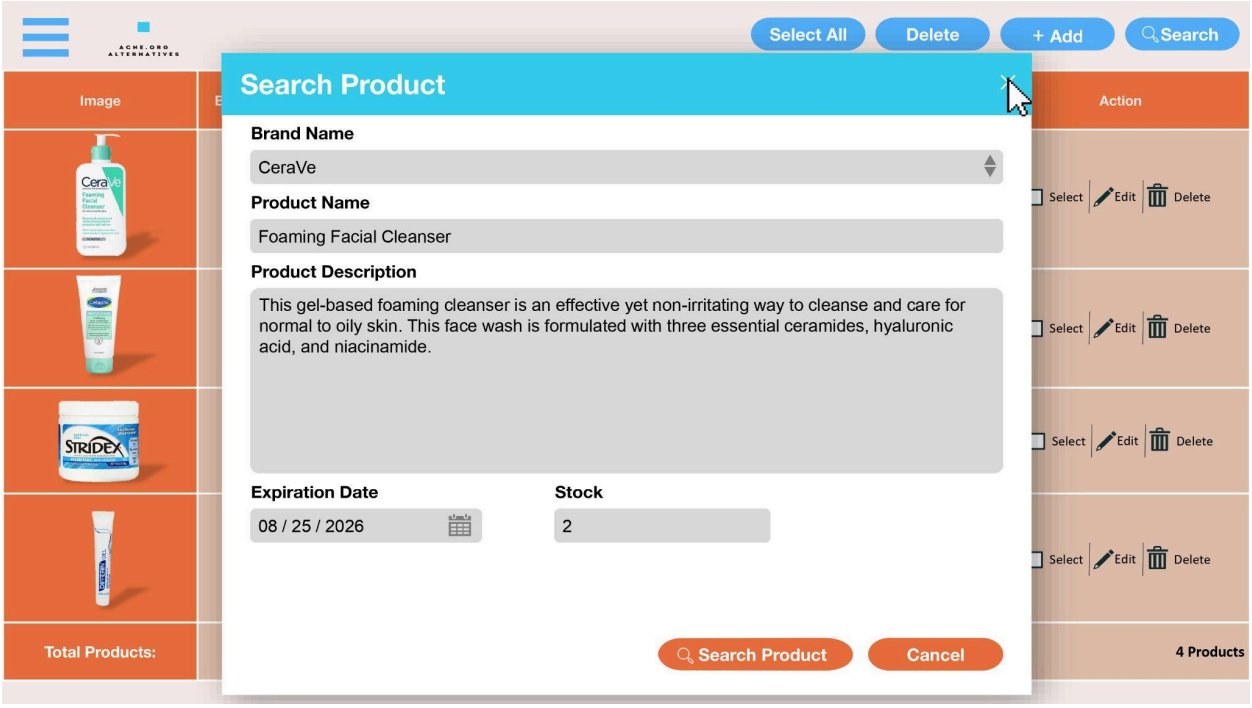

Select All
Delete
+ Add
Search
Image
Action
Search Product
Brand Name
Cerave
Product Name
Product Name
Foaming Facial Cleanser
Gentle Clear Mattifying Acne Moisturizer
Daily Care Essential with Vitamin Pads
Adapalene Gel 0.1% Acne Treatment
Expiration Date
MM / DD / YYYY
Stock
Stock
Search Product
Cancel
Select
Edit
Delete
Total Products:
4 Products





To search for a product, the user can click the “Search” button with a magnifying glass icon which will pop up a small window. The user could either type the product details or hover over the arrow up and down button to choose among the existing

selection. After the user provides the details needed for searching, the product details will be displayed on the same window.



Select All | Delete | + Add | Search

Image	Brand Name	Product Name	Product Description	Expiration Date	Stock	Created At	Action
	CeraVe	Foaming Facial Cleanser	This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.	08/25/2026	2	12/07/2023 @ 9:47 AM	Select Edit Delete
	Cetaphil	Gentle Clear Mattifying Acne Moisturizer	This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.	07/17/2025	4	12/06/2023 @ 10:31 AM	Select Edit Delete
	Stridex	Daily Care Essential with Vitamin Pads	Highest Level of Acne Control Available Without a Prescription Contains 1% salicylic acid	01/28/2027	3	12/07/2023 @ 9:56 AM	Select Edit Delete
	Differin	Adapalene Gel 0.1% Acne Treatment	Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.	09/17/2025	5	12/05/2023 @ 11:05 AM	Select Edit Delete
Total Products:							4 Products

Total Products: 4

Total Amount of Products: 14

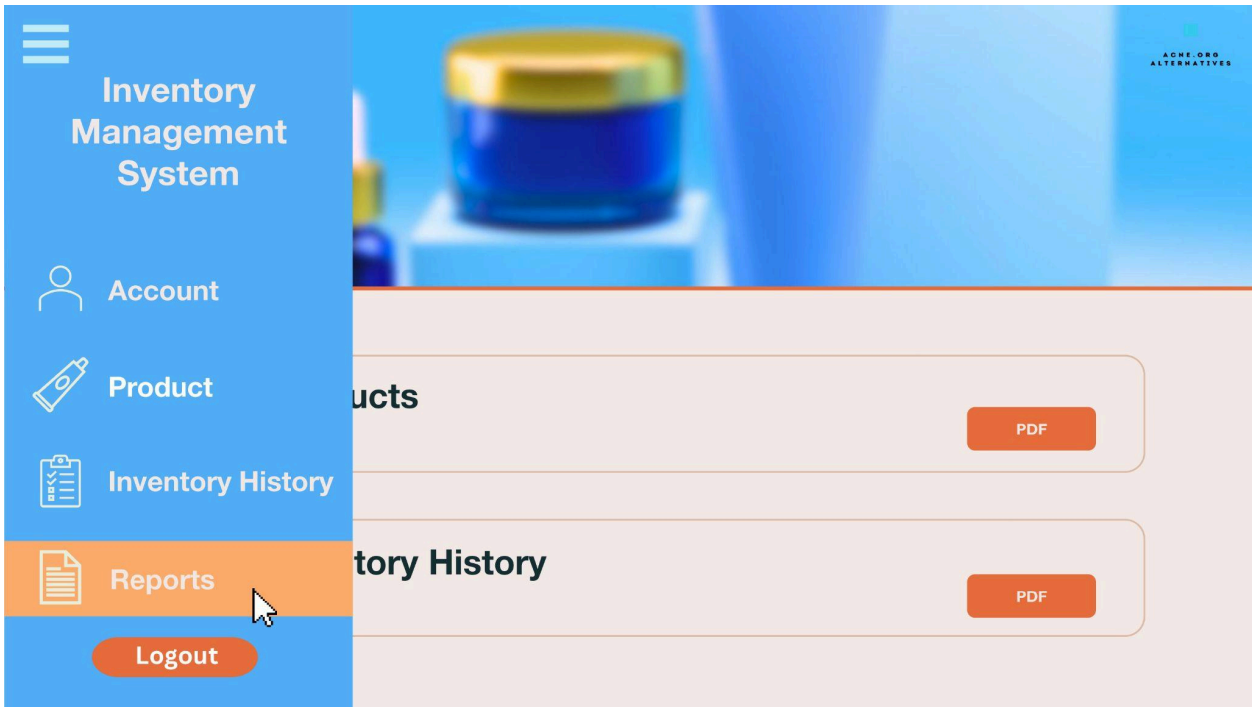
In Stock: 4

Supply by Product Name

Out of Stock: 0

Inventory Management System
Account
Product
Inventory History
Reports
Logout
ACNE.ORG ALTERNATIVES
Total Amount of Products:
14
In Stock:
4
Out of Stock:
0

Inventory Management System
Account
Product
Inventory History
Reports
Logout
ACNE.ORG ALTERNATIVES
Total Amount of Products:
14
In Stock:
4
Out of Stock:
0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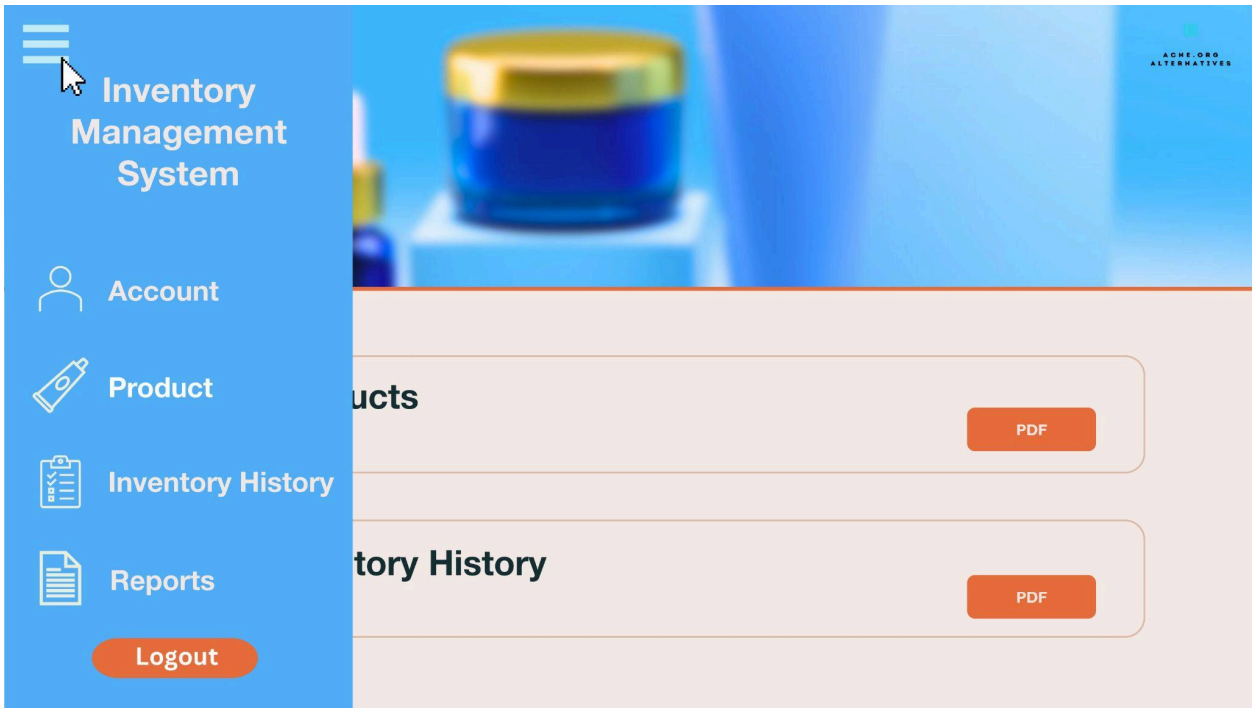
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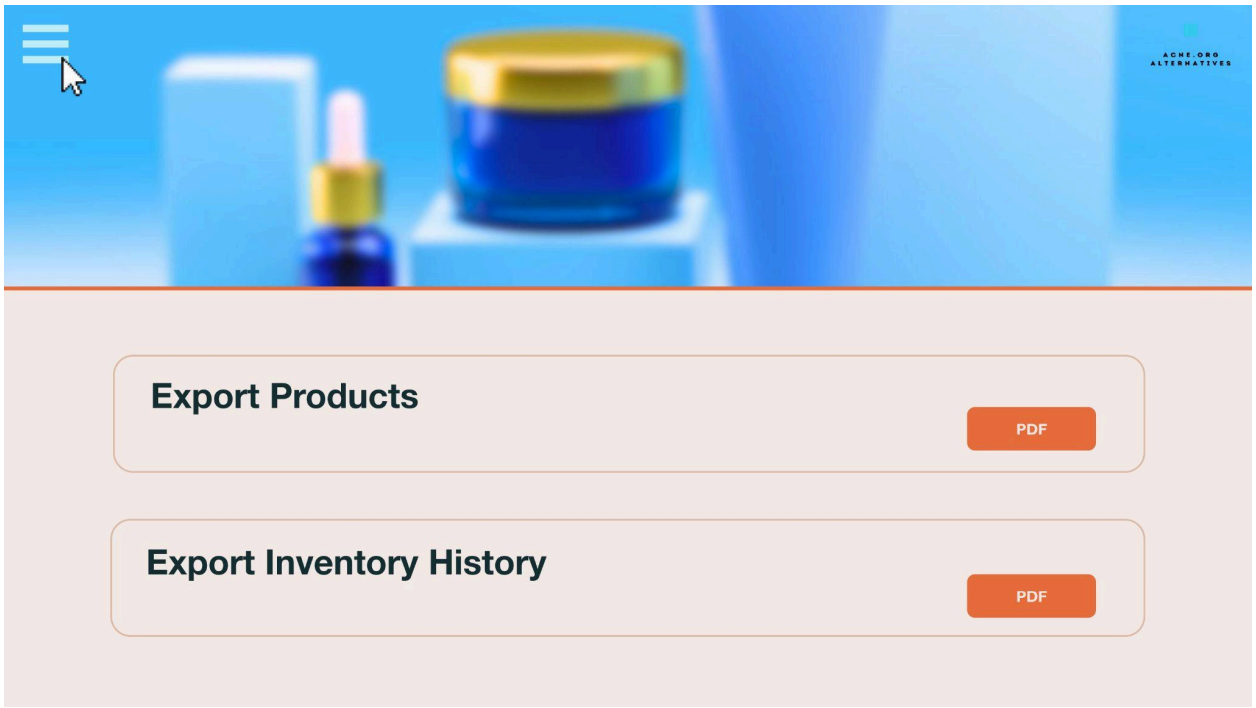
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Export Products
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Export Inventory History
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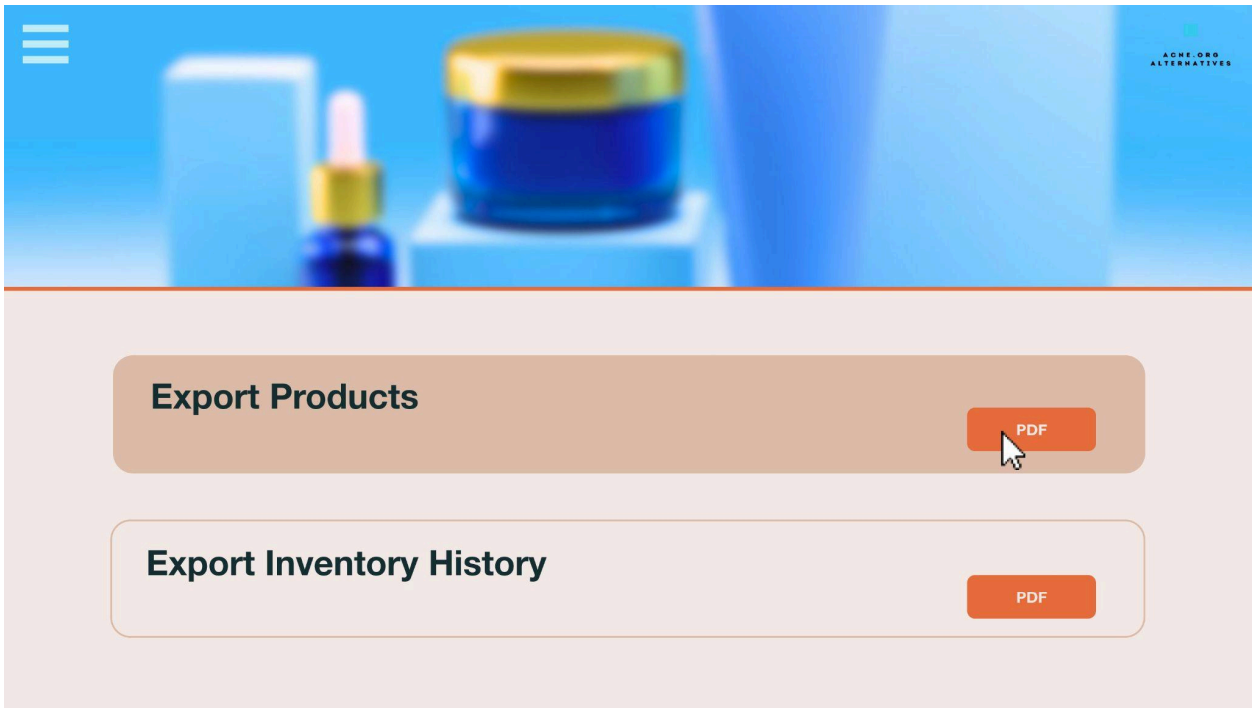
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Export Inventory History
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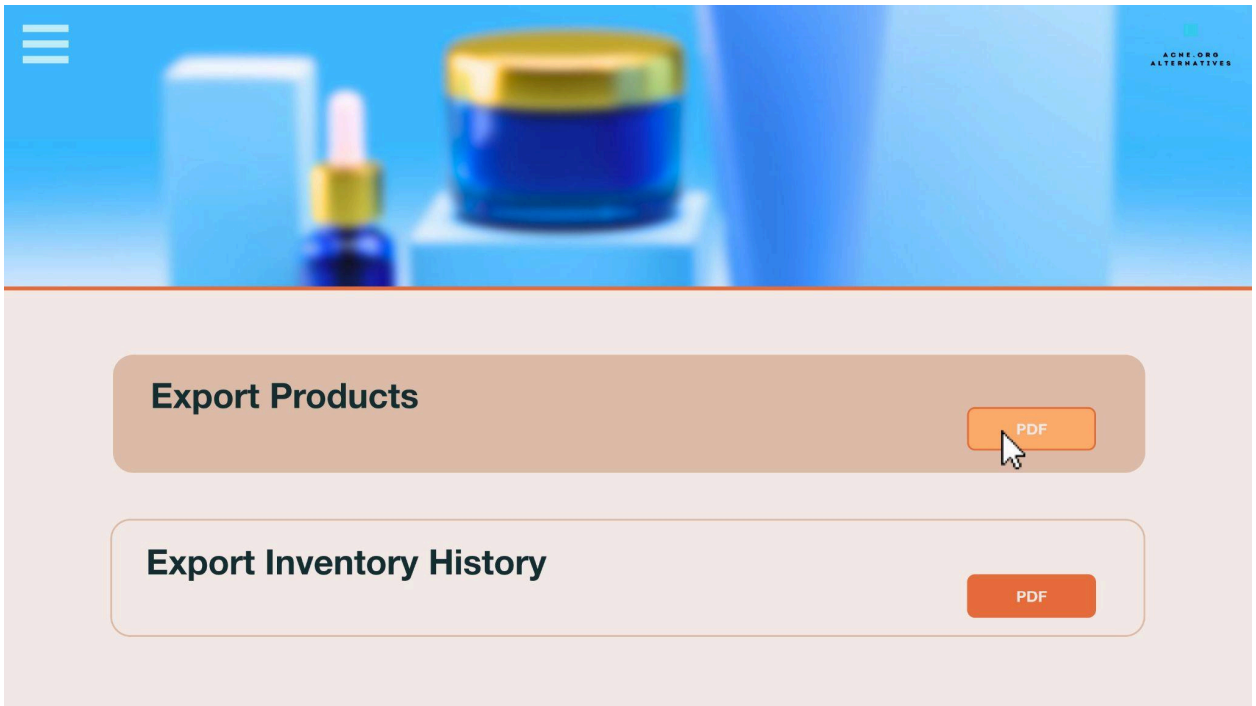
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ALTERNATIVES
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Export Inventory History
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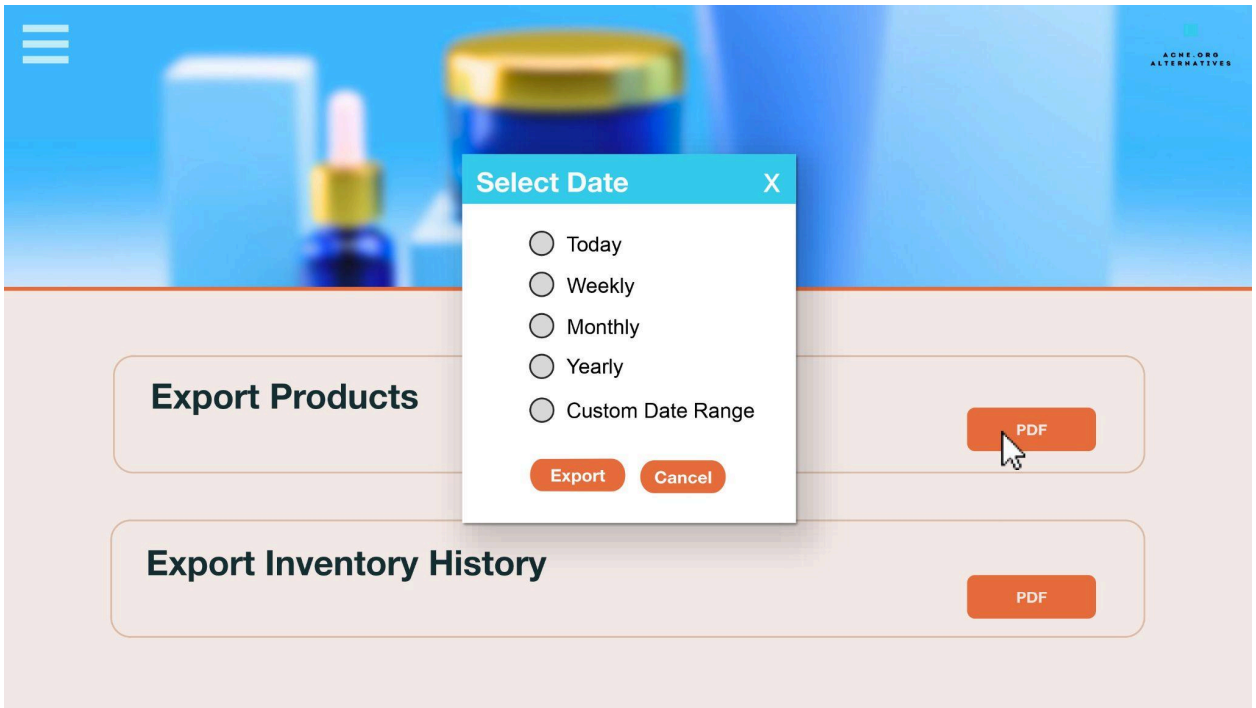
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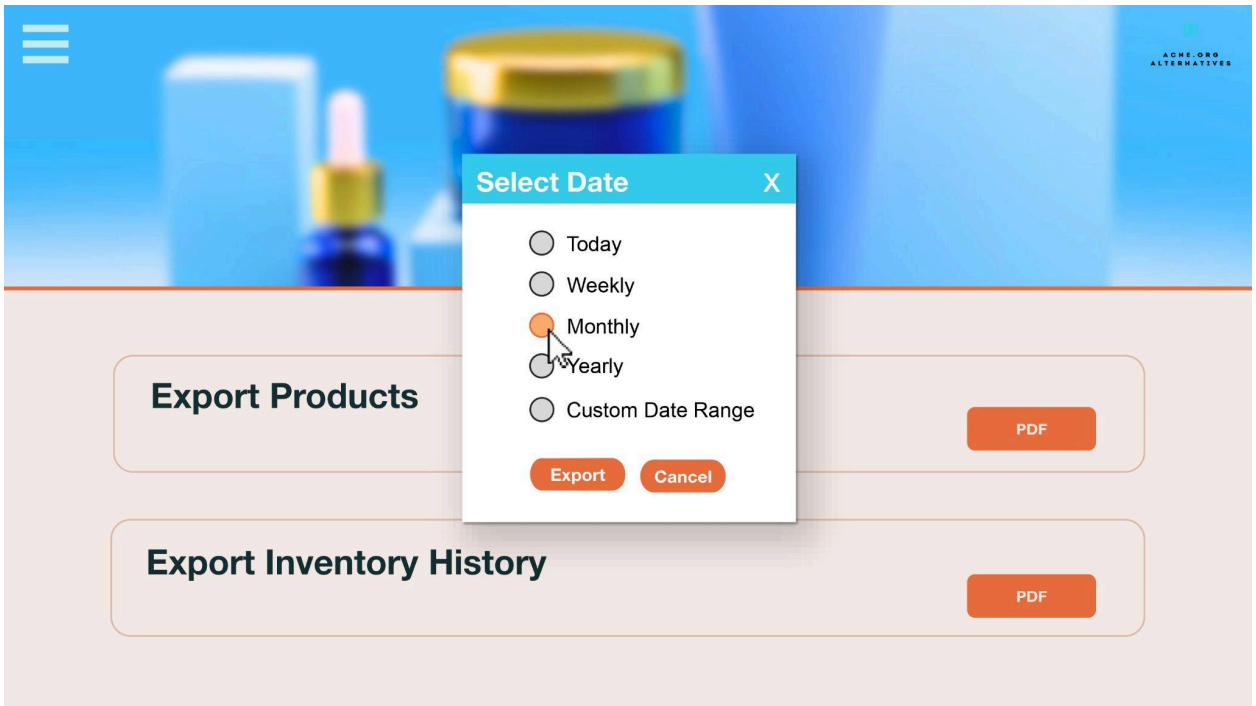
ALTERNATIVES
Select Date
X
Today
Weekly
Monthly
Yearly
Custom Date Range
Export
Cancel
Export Products
PDF
Export Inventory History
PDF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Export Products
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Export Inventory History
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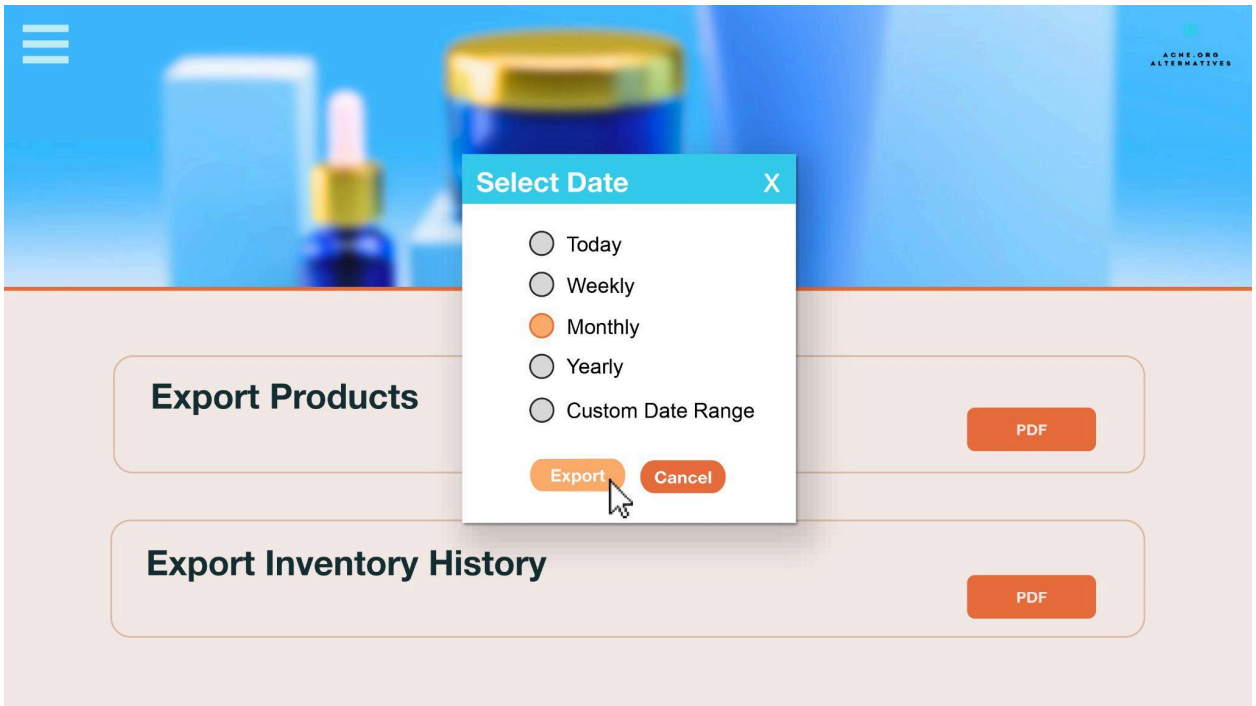
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Weekly
Monthly
Yearly
Custom Date Range
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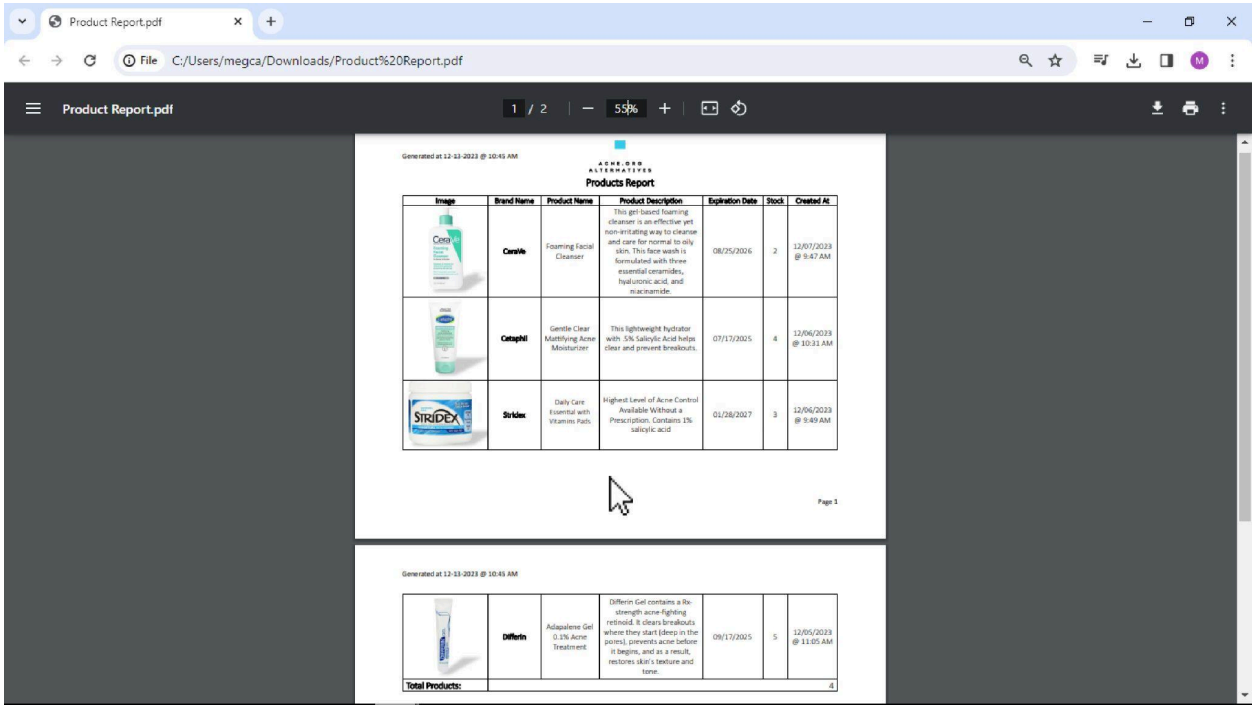
Cancel
Export Products
PDF
Export Inventory History
PDF



Generated at 12-13-2023 @ 10:45 AM

ACNE.ORG ALTERNATIVES

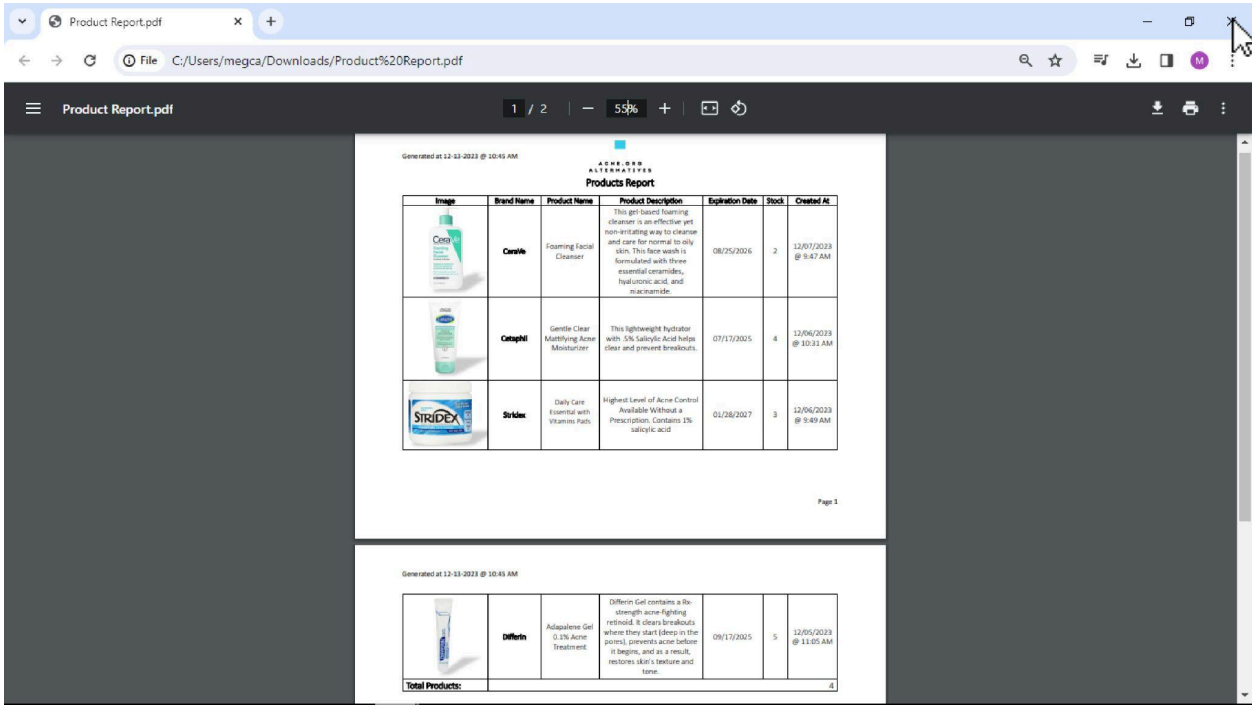
Products Report

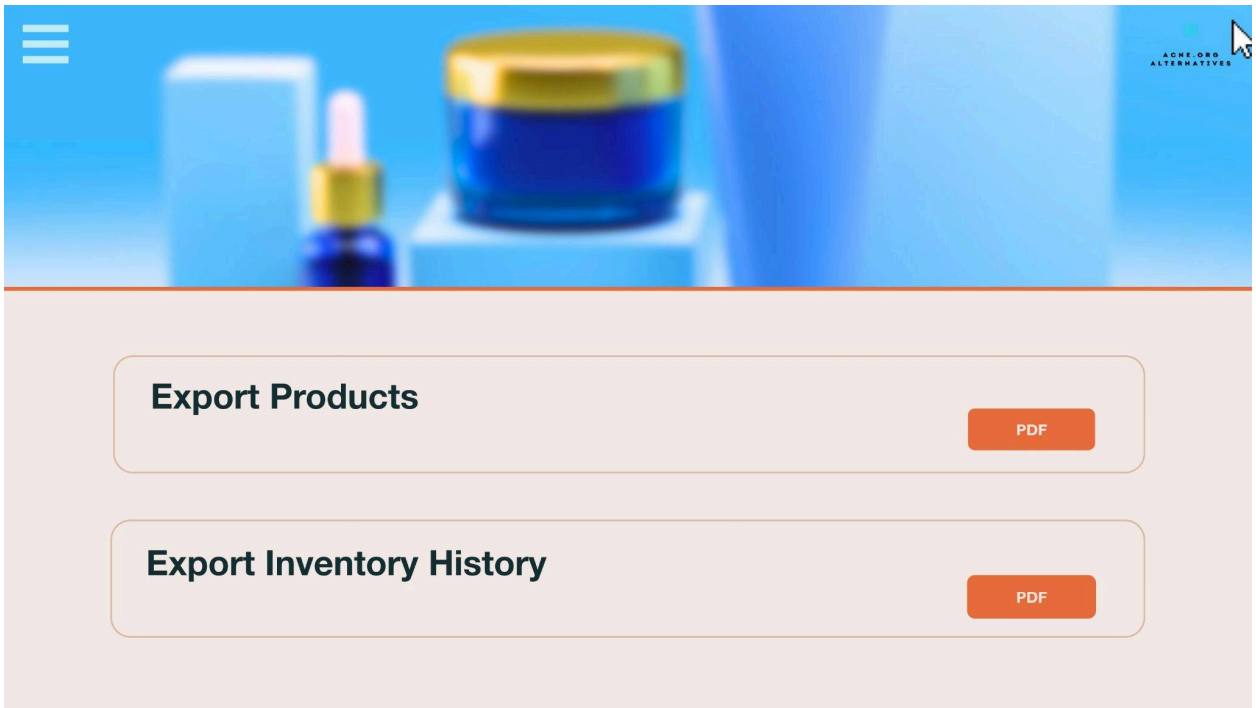
Image	Brand Name	Product Name	Product Description	Expiration Date	Stock	Created At
	CeraVe	Foaming Facial Cleanser	This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.	08/25/2026	2	12/07/2023 @ 9:47 AM
	Cetaphil	Gentle Clear Mattifying Acne Moisturizer	This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.	07/17/2025	4	12/06/2023 @ 10:31 AM
	Stridex	Daily Care Essential with Vitamins Pads	Highest Level of Acne Control Available Without a Prescription. Contains 1% salicylic acid	01/28/2027	3	12/06/2023 @ 9:49 AM

Page 1

Generated at 12-13-2023 @ 10:45 AM

	Differin	Adapalene Gel 0.1% Acne Treatment	Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.	09/17/2025	5	12/05/2023 @ 11:05 AM
Total Products:						4





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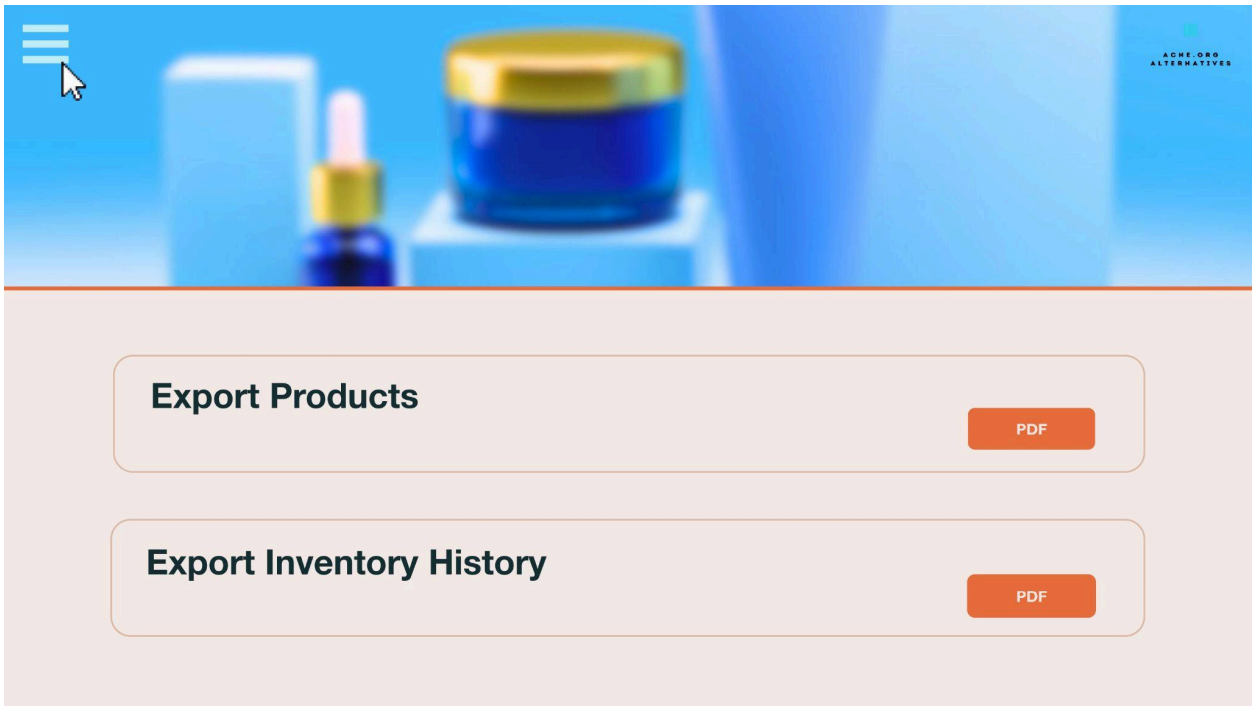
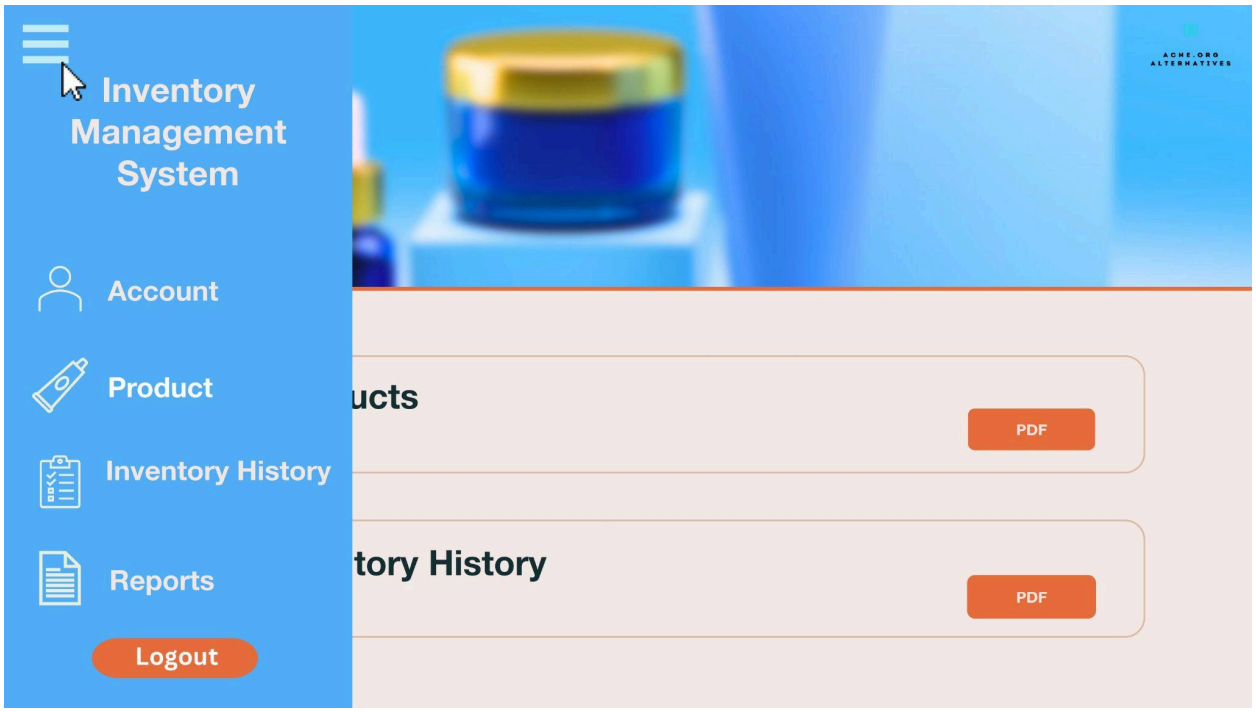

ACNE.ORG
ALTERNATIVES
Export Products
PDF
Export Inventory History
PDF


Inventory Management System
Account
Product
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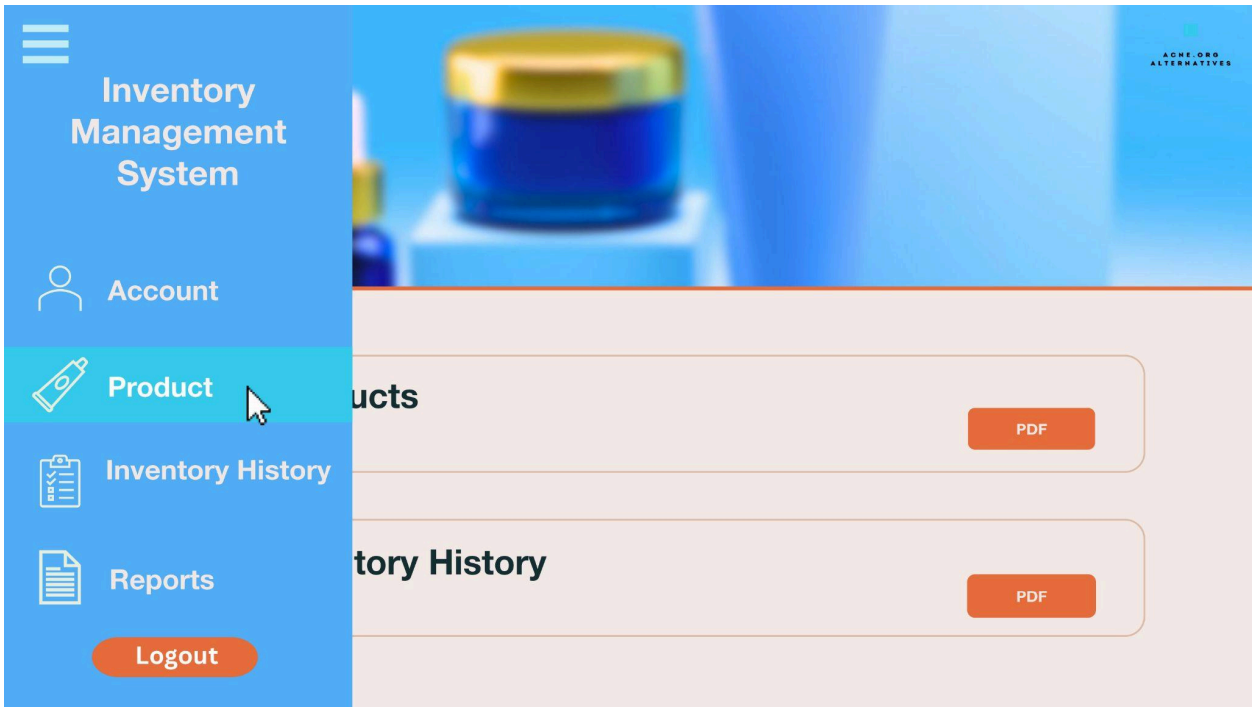
Inventory Management System
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Inventory Management System
Account
Product
Inventory History
Reports
Logout
Select All
Delete
+ Add
Search
ct Name
Product Description
Expiration Date
Stock
Created At
Action
ng Facial anser
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
08/25/2026
2
12/07/2023 @ 9:47 AM
Select Edit Delete
le Clear ing Acne turizer
This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
Select Edit Delete
y Care tial with in Pads
Highest Level of Acne Control Available Without a Prescription Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select Edit Delete
lene Gel & Acne tment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select Edit Delete
4 Products

Inventory Management System
Account
Product
Inventory History
Reports
Logout
Select All
Delete
+ Add
Search
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Product Description
Expiration Date
Stock
Created At
Action
ng Facial anser
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
08/25/2026
2
12/07/2023 @ 9:47 AM
Select
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This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
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Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select
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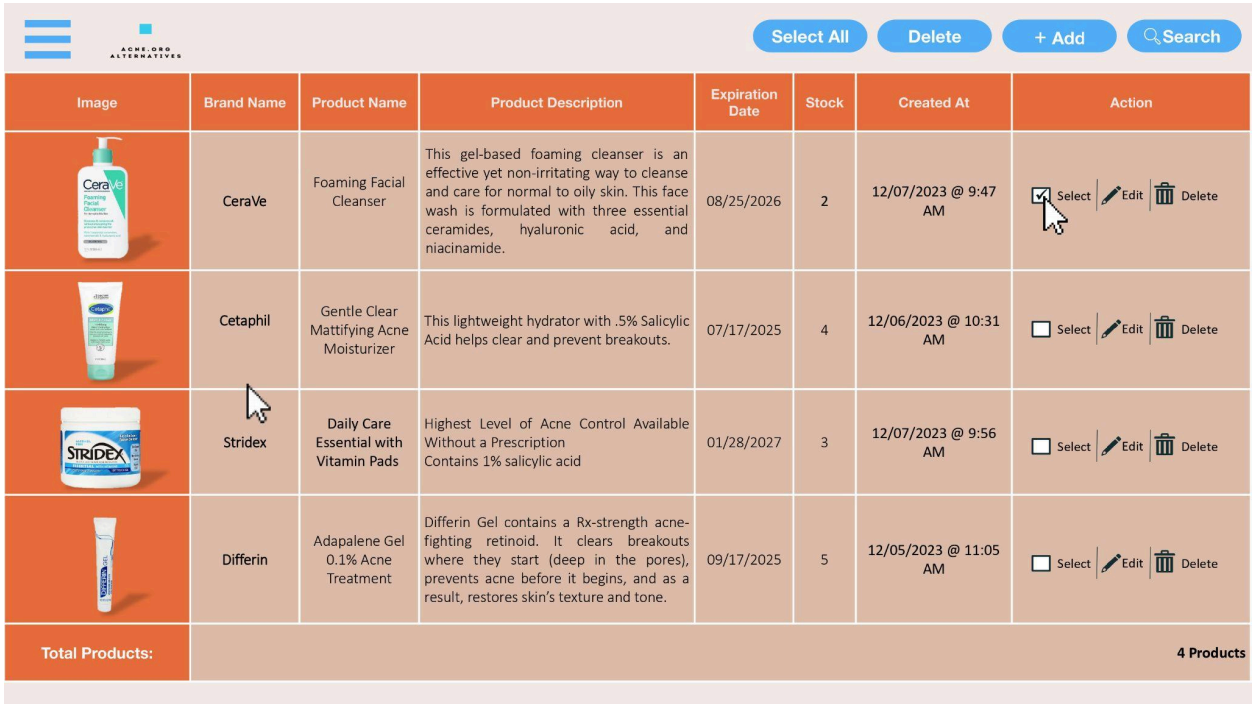
lene Gel % Acne tment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
4 Products

ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
08/25/2026
2
12/07/2023 @ 9:47 AM
Select
Edit
Delete
Cetaphil
Gentle Clear Mattifying Acne Moisturizer
This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
Select
Edit
Delete
STRIDEX
Stridex
Daily Care Essential with Vitamin Pads
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select
Edit
Delete
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
Total Products:
4 Products



ACNE.ORG ALTERNATIVES

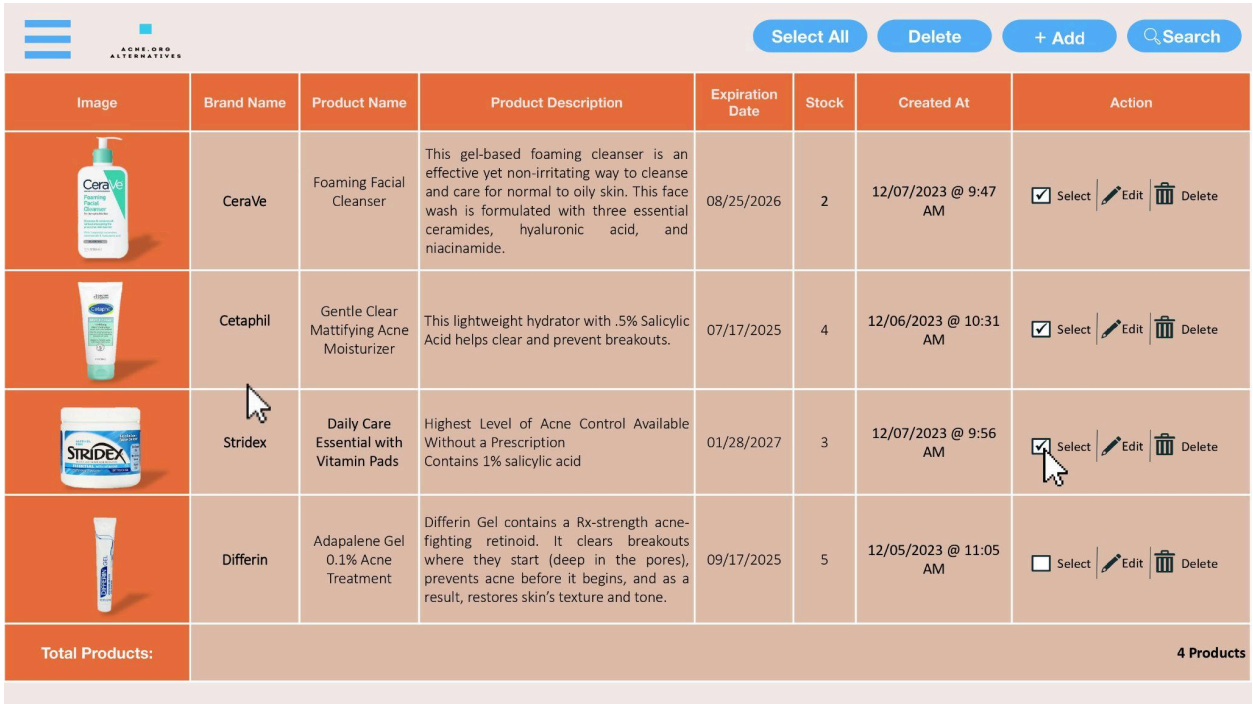
Select All | Delete | + Add | Search

Image	Brand Name	Product Name	Product Description	Expiration Date	Stock	Created At	Action
	CeraVe	Foaming Facial Cleanser	This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.	08/25/2026	2	12/07/2023 @ 9:47 AM	☑ Select / Edit / Delete
	Cetaphil	Gentle Clear Mattifying Acne Moisturizer	This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.	07/17/2025	4	12/06/2023 @ 10:31 AM	☐ Select / Edit / Delete
	Stridex	Daily Care Essential with Vitamin Pads	Highest Level of Acne Control Available Without a Prescription Contains 1% salicylic acid	01/28/2027	3	12/07/2023 @ 9:56 AM	☐ Select / Edit / Delete
	Differin	Adapalene Gel 0.1% Acne Treatment	Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.	09/17/2025	5	12/05/2023 @ 11:05 AM	☐ Select / Edit / Delete
Total Products:							4 Products

ACNE.ORG ALTERNATIVES

Select All | Delete | + Add | Search

Image	Brand Name	Product Name	Product Description	Expiration Date	Stock	Created At	Action
	CeraVe	Foaming Facial Cleanser	This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.	08/25/2026	2	12/07/2023 @ 9:47 AM	☑ Select / Edit / Delete
	Cetaphil	Gentle Clear Mattifying Acne Moisturizer	This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.	07/17/2025	4	12/06/2023 @ 10:31 AM	☑ Select / Edit / Delete
	Stridex	Daily Care Essential with Vitamin Pads	Highest Level of Acne Control Available Without a Prescription Contains 1% salicylic acid	01/28/2027	3	12/07/2023 @ 9:56 AM	☐ Select / Edit / Delete
	Differin	Adapalene Gel 0.1% Acne Treatment	Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.	09/17/2025	5	12/05/2023 @ 11:05 AM	☐ Select / Edit / Delete
Total Products:							4 Products


ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
08/25/2026
2
12/07/2023 @ 9:47 AM
Select
Edit
Delete
Cetaphil
Gentle Clear Mattifying Acne Moisturizer
This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
Select
Edit
Delete
Stridex
Daily Care Essential with Vitamin Pads
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select
Edit
Delete
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
Total Products:
4 Products

ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
08/25/2026
2
12/07/2023 @ 9:47 AM
Select
Edit
Delete
Cetaphil
Gentle Clear Mattifying Acne Moisturizer
This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
Select
Edit
Delete
Stridex
Daily Care Essential with Vitamin Pads
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select
Edit
Delete
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
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12/05/2023 @ 11:05 AM
Select
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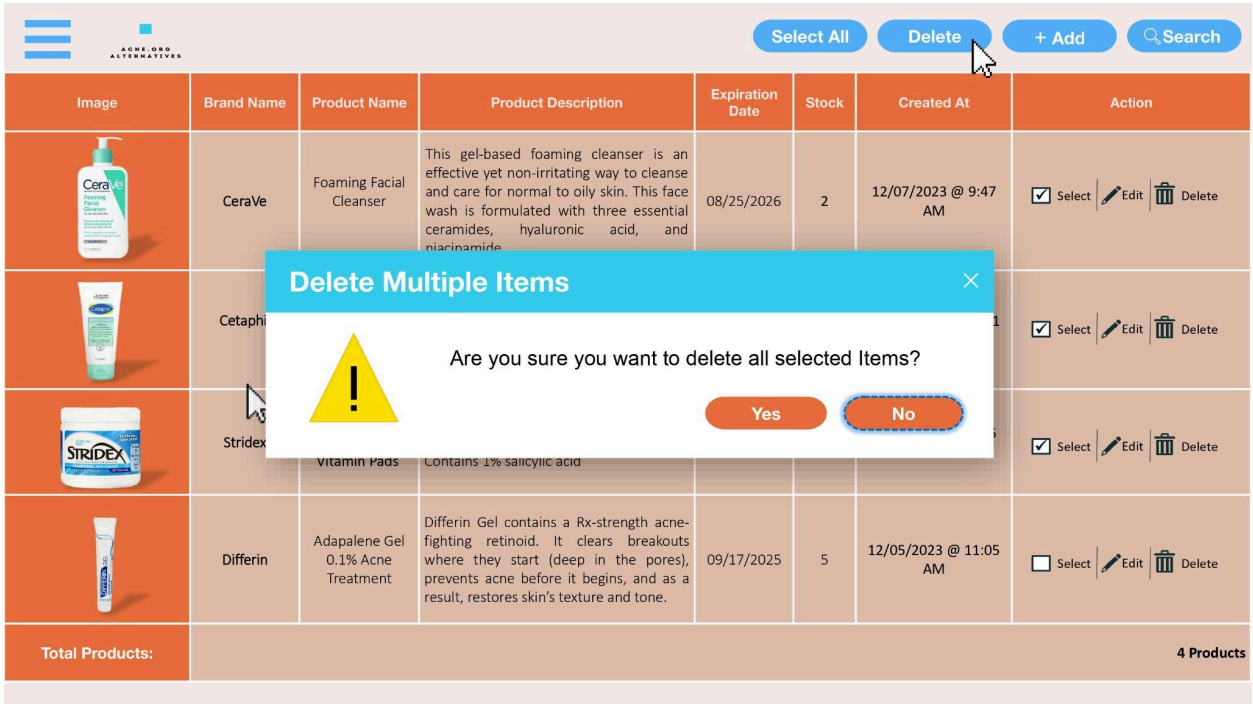
Total Products:
4 Products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Select All
Delete
+ Add
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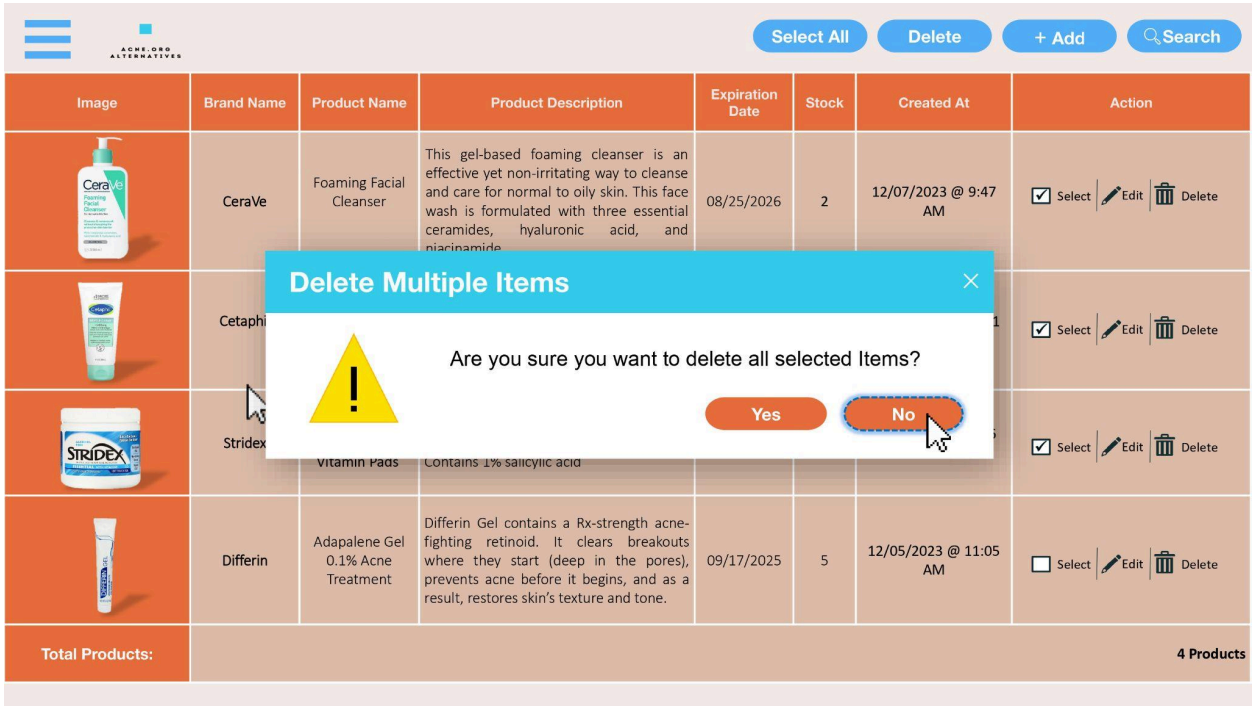
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and
08/25/2026
2
12/07/2023 @ 9:47 AM
Select
Edit
Delete
Delete Multiple Items
Are you sure you want to delete all selected Items?
Yes
No
Cetaphi
Stridex
Vitamin Pads
Contains 1% salicylic acid
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Total Products:
4 Products


ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
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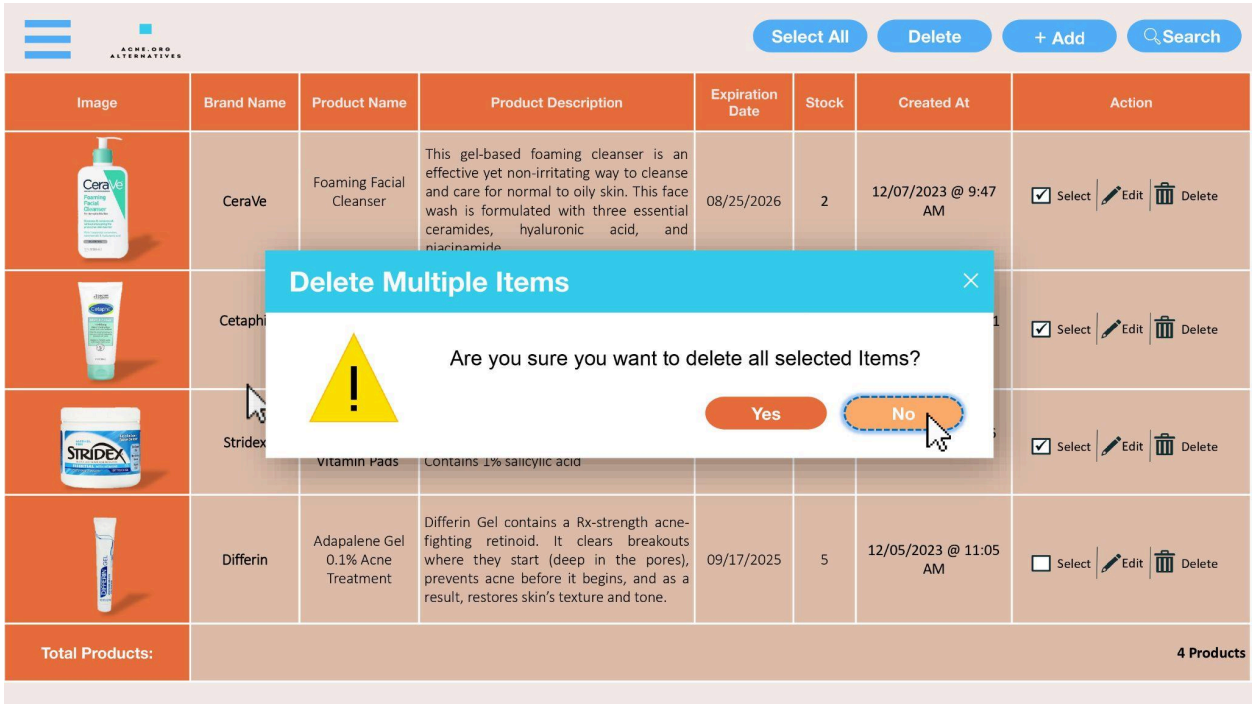
08/25/2026
2
12/07/2023 @ 9:47 AM
Select
Edit
Delete
Delete Multiple Items
Are you sure you want to delete all selected Items?
Yes
No
Cetaphi
Stridex
Vitamin Pads
Contains 1% salicylic acid
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Total Products:
4 Products



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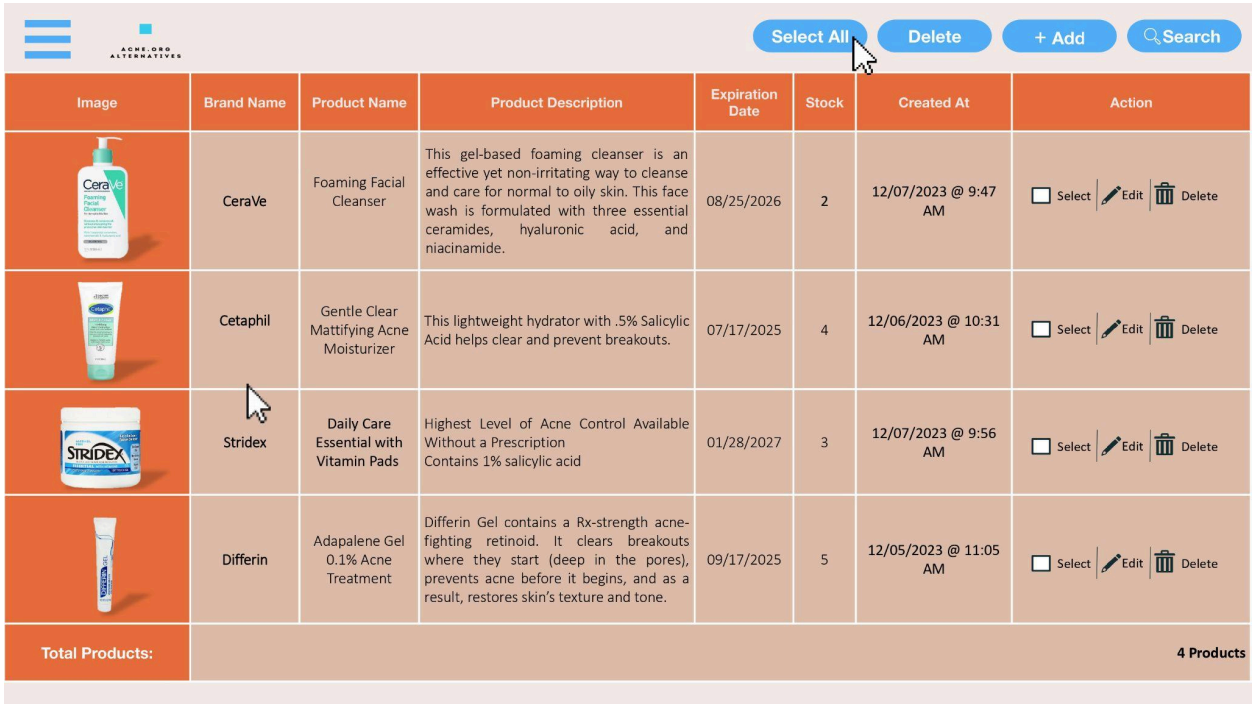
ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
08/25/2026
2
12/07/2023 @ 9:47 AM
Select
Edit
Delete
Cetaphil
Gentle Clear Mattifying Acne Moisturizer
This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
Select
Edit
Delete
Stridex
Daily Care Essential with Vitamin Pads
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select
Edit
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Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
Total Products:
4 Products

ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
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08/25/2026
2
12/07/2023 @ 9:47 AM
Select
Edit
Delete
Cetaphil
Gentle Clear Mattifying Acne Moisturizer
This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
Select
Edit
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Stridex
Daily Care Essential with Vitamin Pads
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select
Edit
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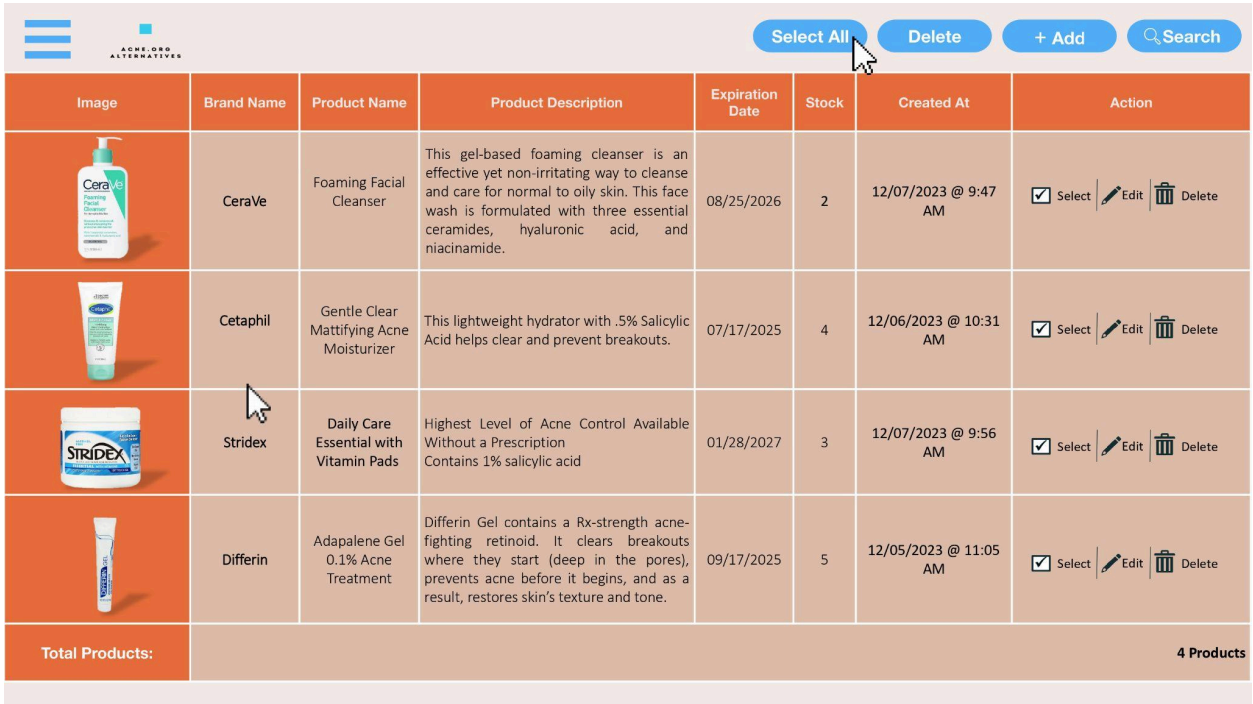
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
Total Products:
4 Products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Select All
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+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
This gel-based foaming cleanser is an effective yet non-irritating way to cleanse and care for normal to oily skin. This face wash is formulated with three essential ceramides, hyaluronic acid, and niacinamide.
08/25/2026
2
12/07/2023 @ 9:47 AM
Select
Edit
Delete
Cetaphil
Gentle Clear Mattifying Acne Moisturizer
This lightweight hydrator with .5% Salicylic Acid helps clear and prevent breakouts.
07/17/2025
4
12/06/2023 @ 10:31 AM
Select
Edit
Delete
Stridex
Daily Care Essential with Vitamin Pads
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select
Edit
Delete
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
Total Products:
4 Products

ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
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Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
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08/25/2026
2
12/07/2023 @ 9:47 AM
Select
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Cetaphil
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07/17/2025
4
12/06/2023 @ 10:31 AM
Select
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Stridex
Daily Care Essential with Vitamin Pads
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Select
Edit
Delete
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
Total Products:
4 Products

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+ Add
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12/07/2023 @ 9:47 AM
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Delete
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4
12/06/2023 @ 10:31 AM
Stridex
Daily Care Essential with Vitamin Pads
Highest Level of Acne Control Available Without a Prescription
Contains 1% salicylic acid
01/28/2027
3
12/07/2023 @ 9:56 AM
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
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12/05/2023 @ 11:05 AM
Total Products:
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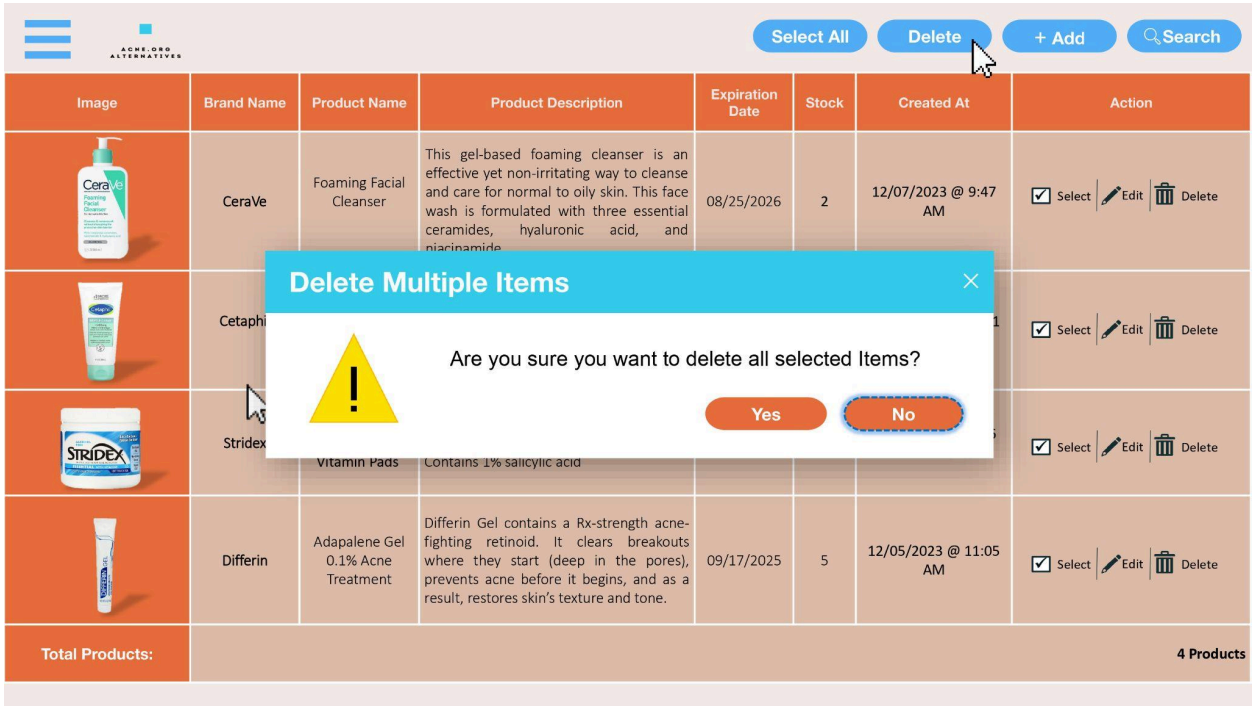
ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
Foaming Facial Cleanser
08/25/2026
2
12/07/2023 @ 9:47 AM
Delete Multiple Items
Are you sure you want to delete all selected Items?
Yes
No
Stridex
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
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12/05/2023 @ 11:05 AM
Total Products:
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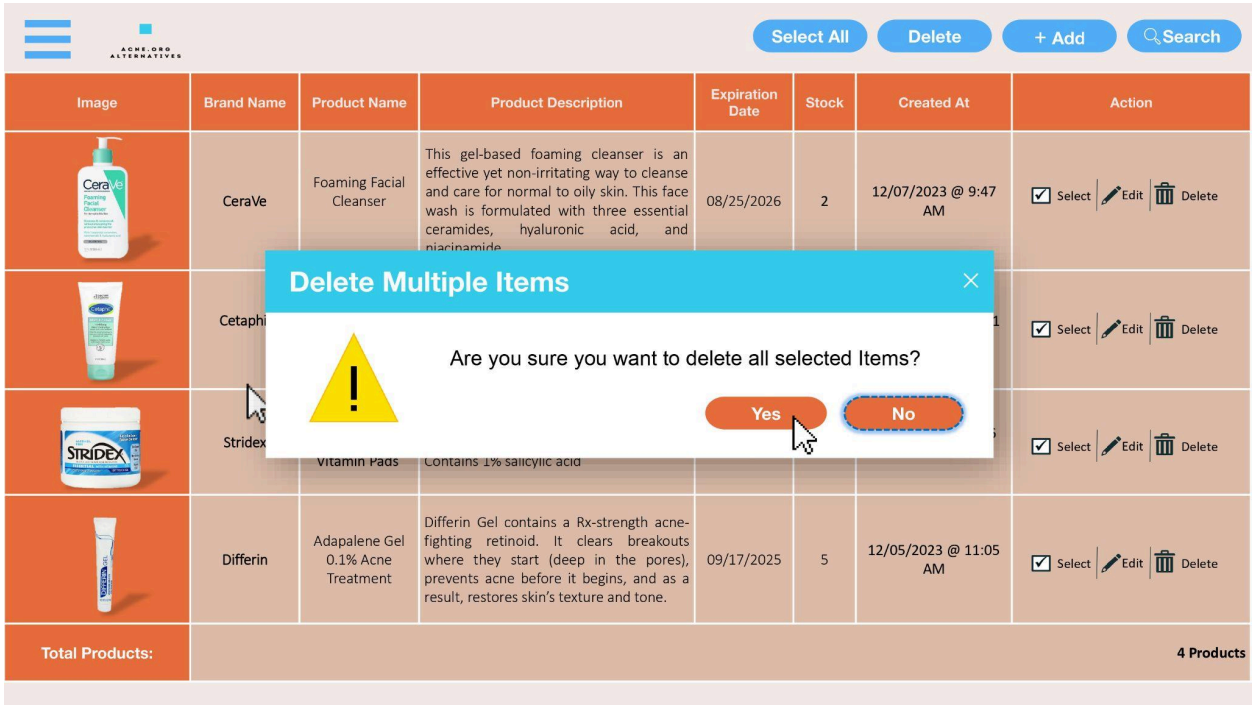
ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
CeraVe
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08/25/2026
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12/07/2023 @ 9:47 AM
Select
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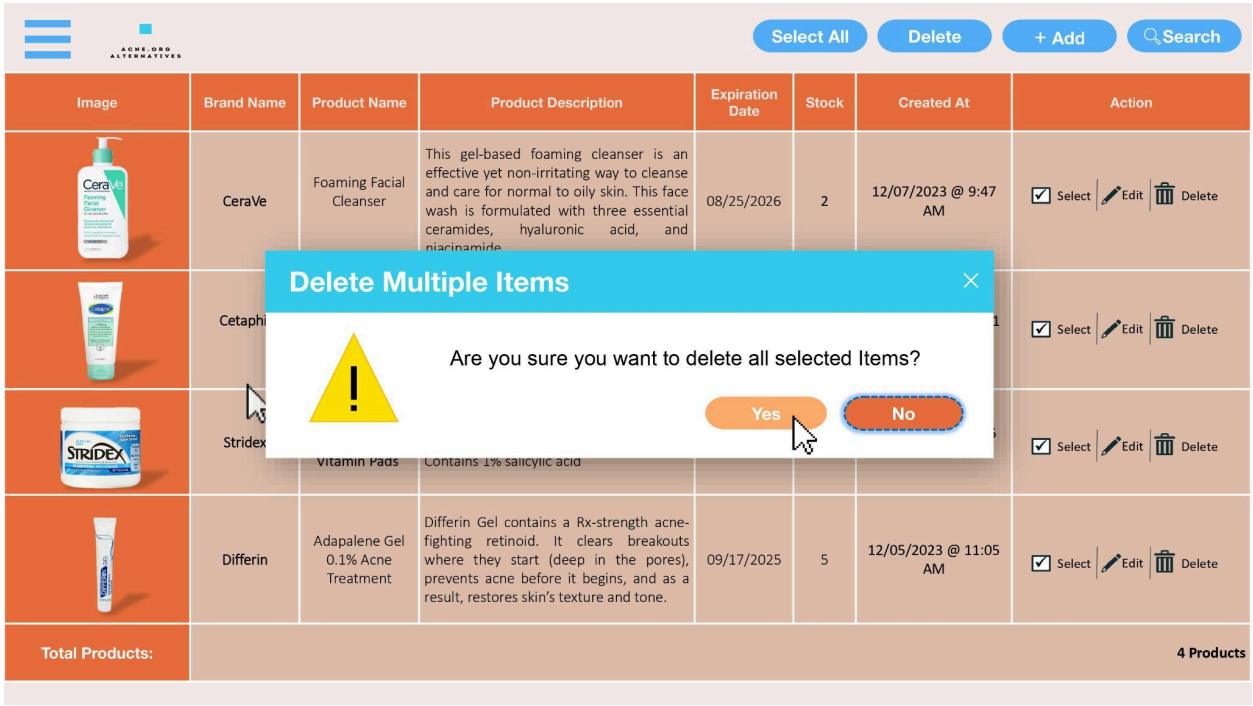
Cetaphi
Select
Edit
Delete
Stridex
Vitamin Pads
Contains 1% salicylic acid
Select
Edit
Delete
Differin
Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
09/17/2025
5
12/05/2023 @ 11:05 AM
Select
Edit
Delete
Total Products:
4 Products
Delete Multiple Items
Are you sure you want to delete all selected Items?
Yes
No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Select All
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+ Add
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Product Name
Product Description
Expiration Date
Stock
Created At
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08/25/2026
2
12/07/2023 @ 9:47 AM
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Edit
Delete
Delete Multiple Items
Are you sure you want to delete all selected Items?
Yes
No
Stridex
Vitamin Pads
Contains 1% salicylic acid
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Adapalene Gel 0.1% Acne Treatment
Differin Gel contains a Rx-strength acne-fighting retinoid. It clears breakouts where they start (deep in the pores), prevents acne before it begins, and as a result, restores skin's texture and tone.
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Total Products:
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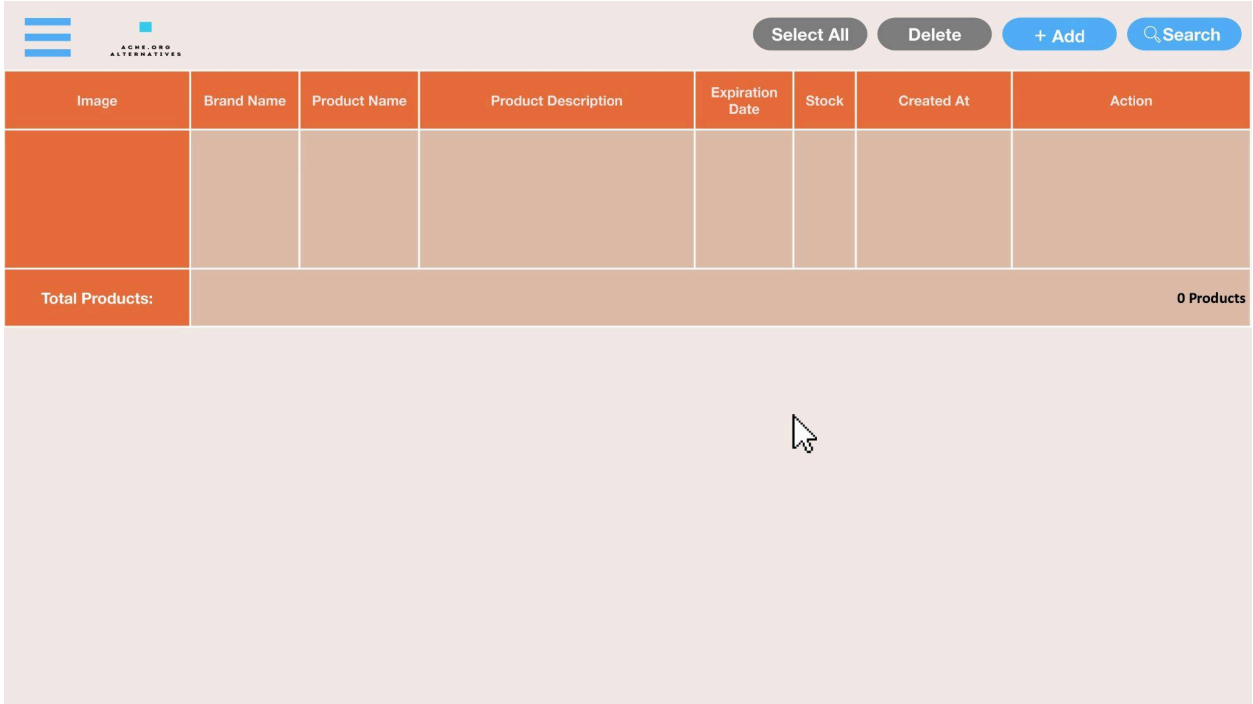
ACNE.ORG ALTERNATIVES
Select All
Delete
+ Add
Search
Image
Brand Name
Product Name
Product Description
Expiration Date
Stock
Created At
Action
Total Products:
0 Products

The user can also select all products and delete multiple products for efficiency. The update will also reflect on the homepage dashboard.

ACNE.ORG
ALTERNATIVES
Total Products:
0
Total Amount of Products:
0
In Stock:
0
Supply by Product Name
Out of Stock:
0

Inventory Management System
Account
Product
Inventory History
Reports
Logout
ACNE.ORG
ALTERNATIVES
Total Amount of Products:
0
In Stock:
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pply by Product Name
Out of Stock:
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Inventory Management System
Account
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Inventory History
Reports
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ACNE.ORG ALTERNATIVES
Total Amount of Products:
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Out of Stock:
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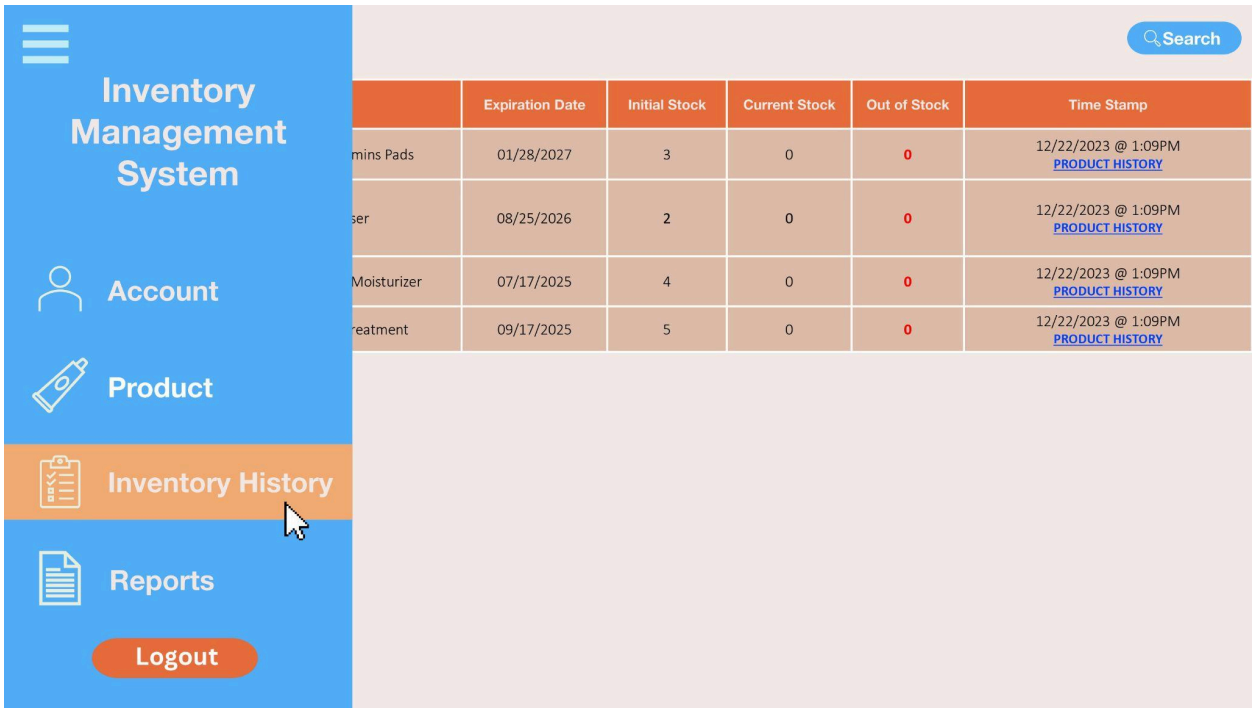
Inventory Management System
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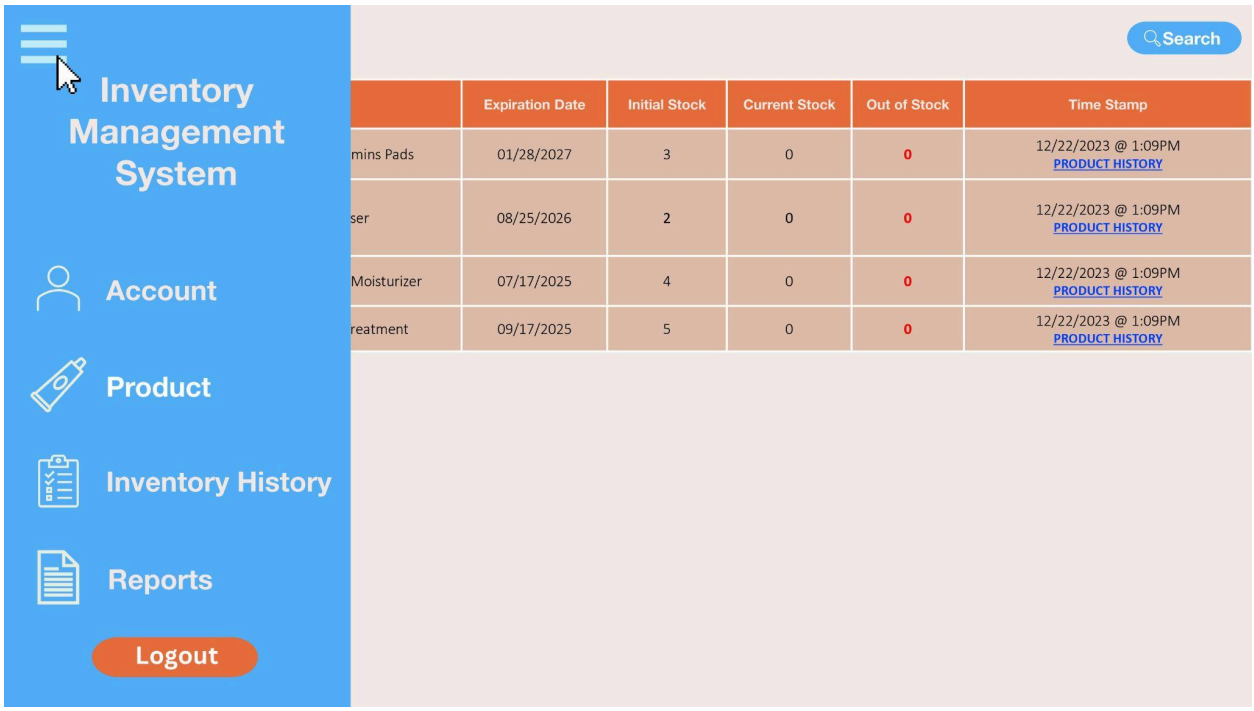
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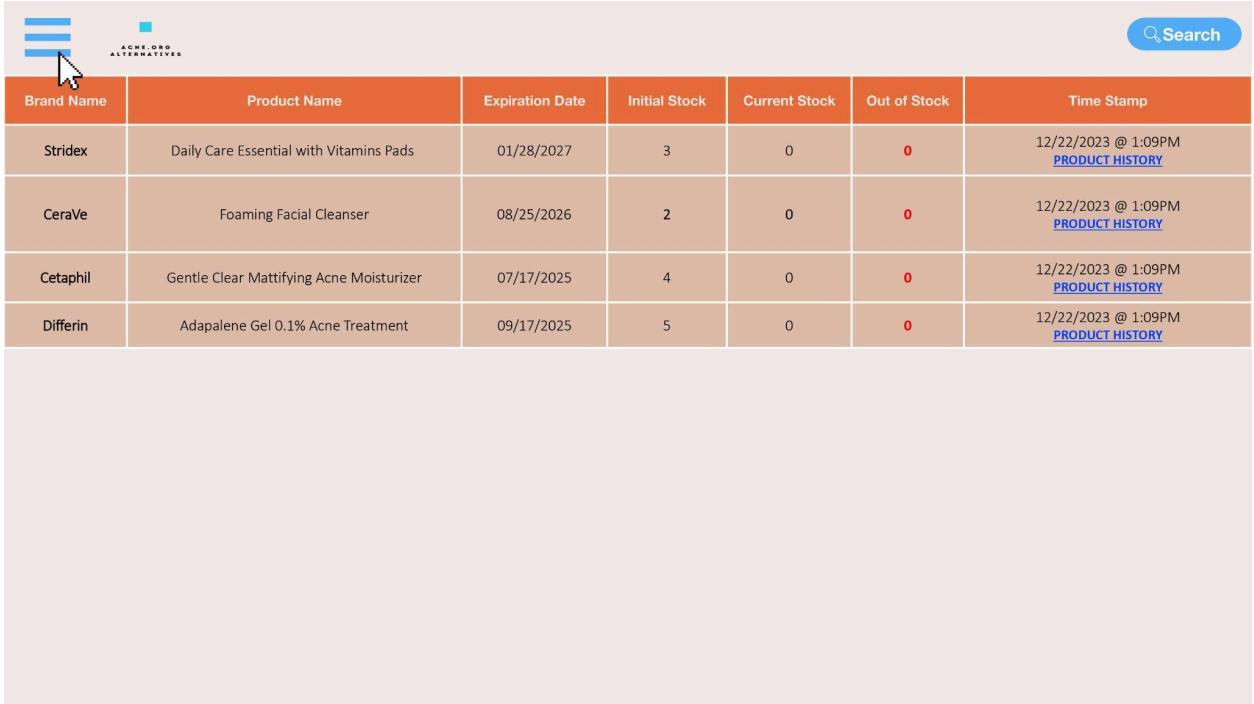
ACNE.ORG ALTERNATIVES
Search
Brand Name
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Current Stock
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Time Stamp
Stridex
Daily Care Essential with Vitamins Pads
01/28/2027
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12/22/2023 @ 1:09PM
PRODUCT HISTORY
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Foaming Facial Cleanser
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12/22/2023 @ 1:09PM
PRODUCT HISTORY
Cetaphil
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07/17/2025
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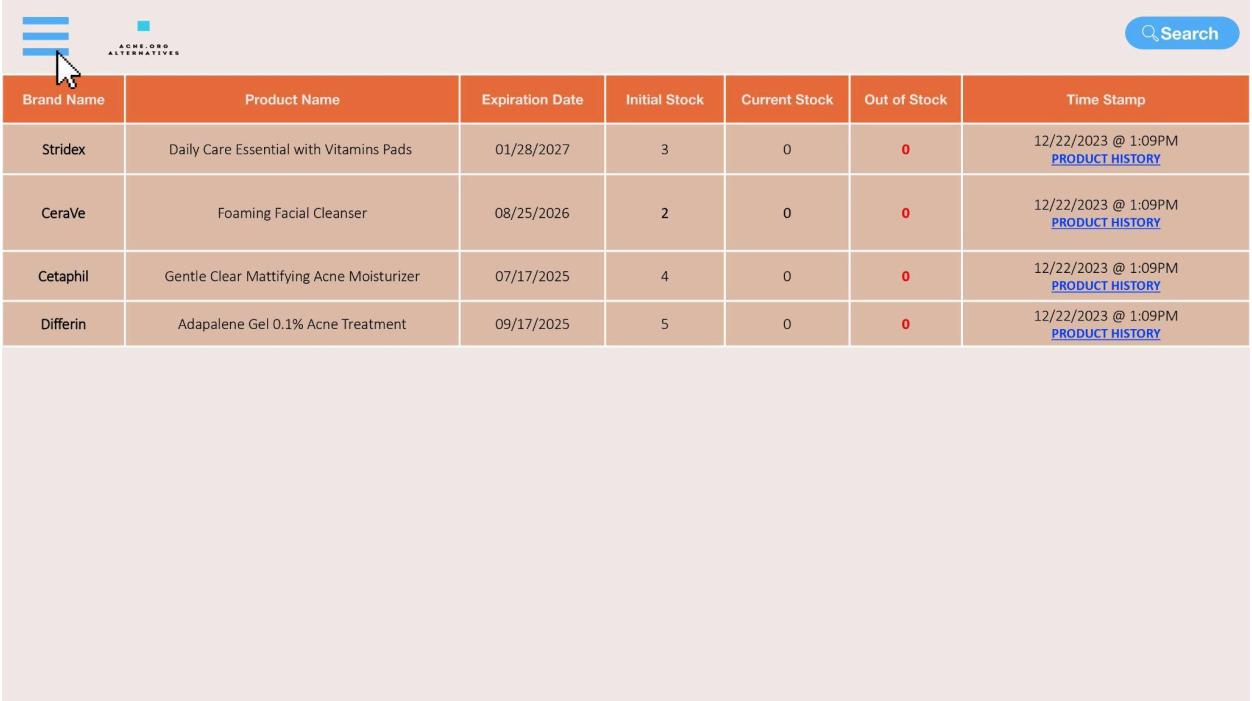
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Foaming Facial Cleanser
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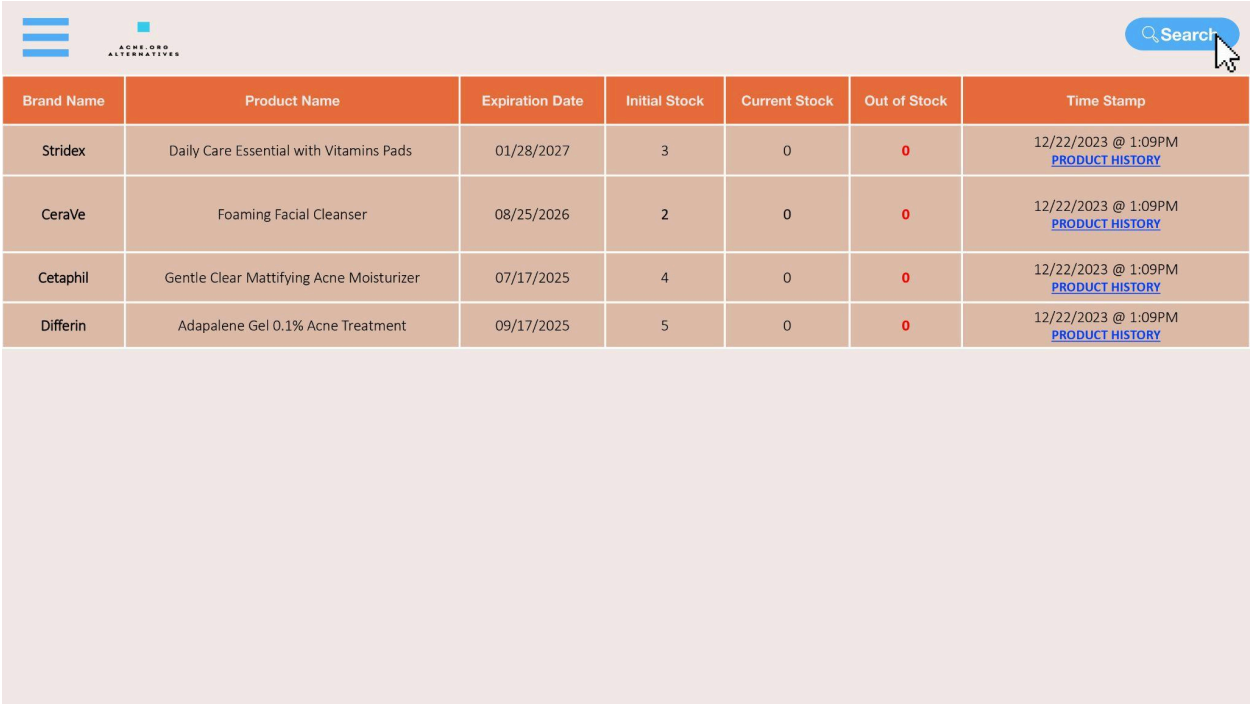
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Daily Care Essential with Vitamins Pads
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Foaming Facial Cleanser
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Gentle Clear Mattifying Acne Moisturizer
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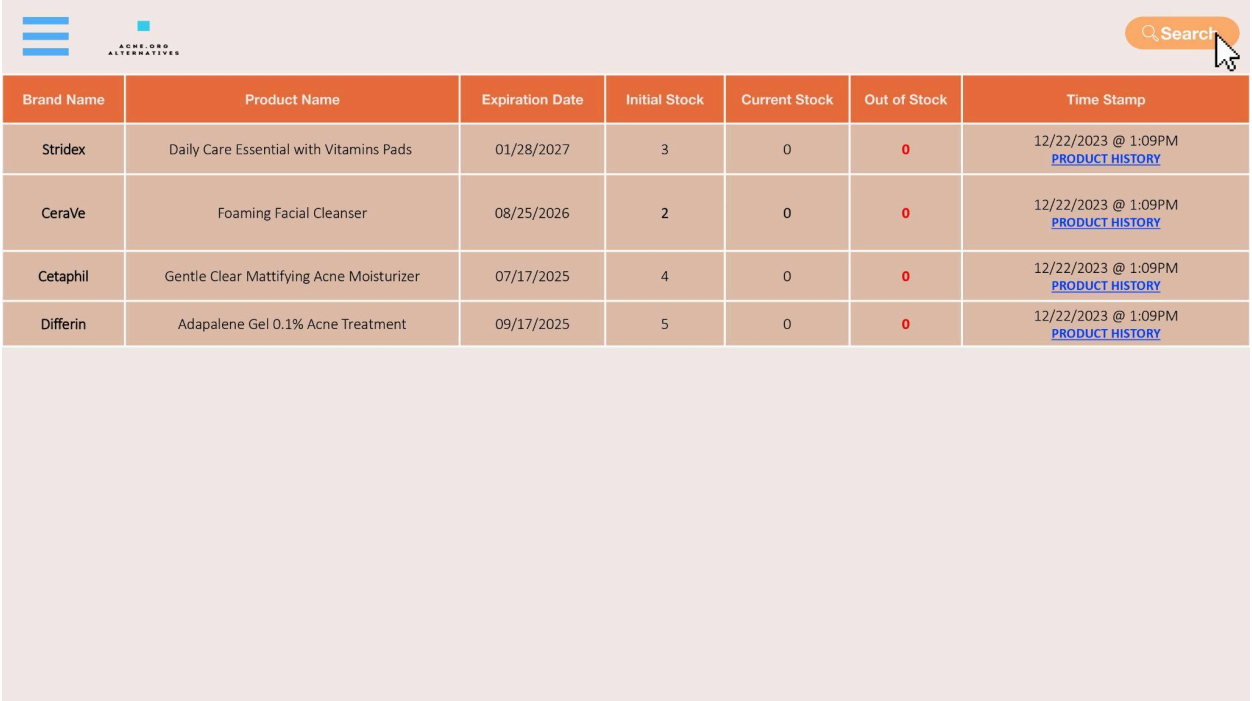
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Daily Care Essential with Vitamins Pads
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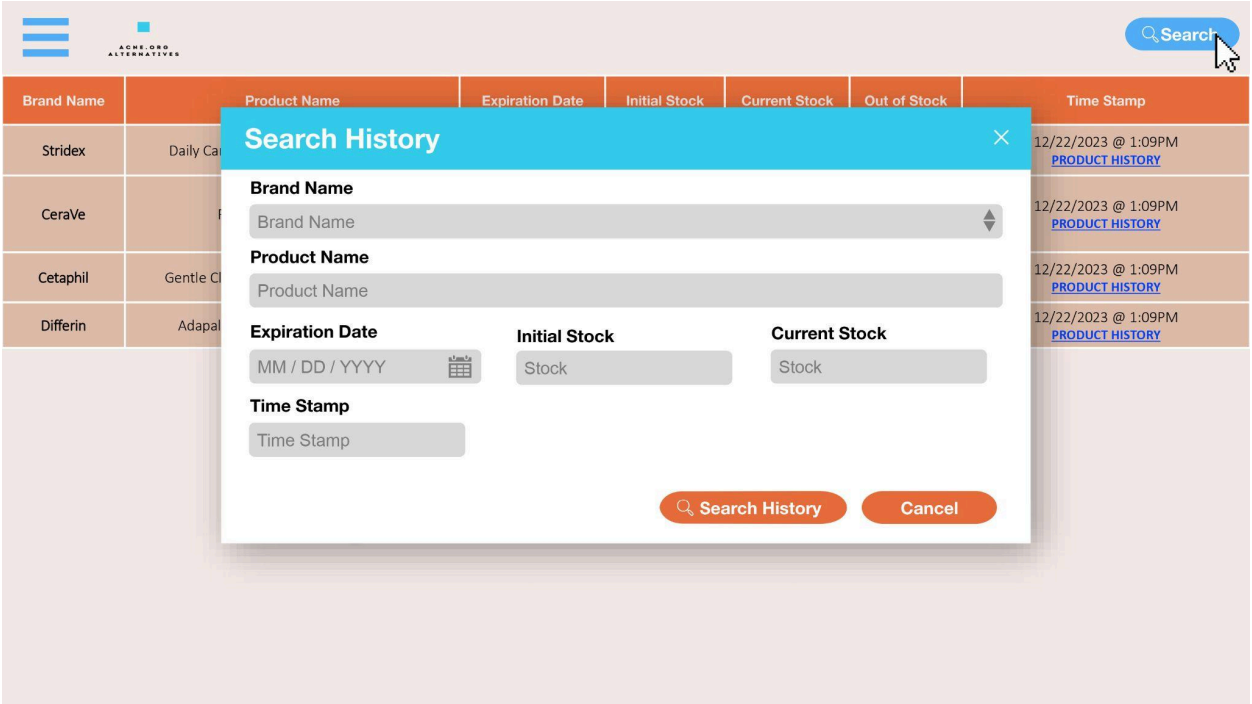
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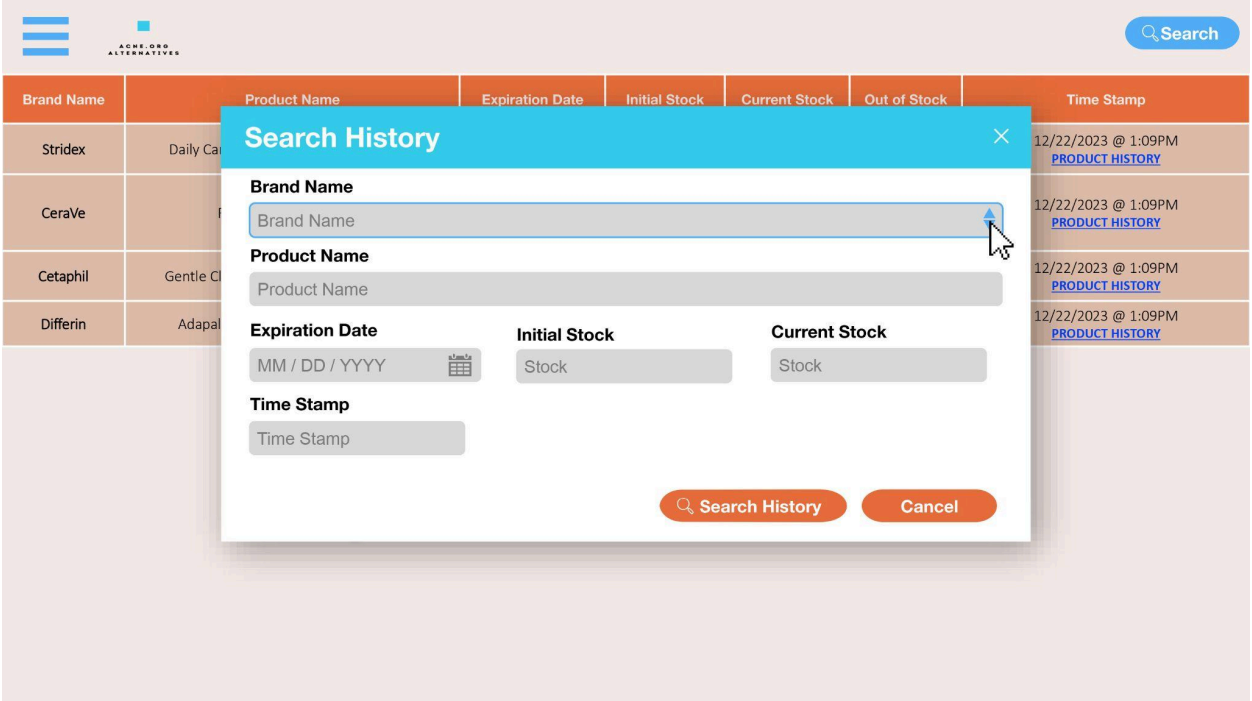
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PRODUCT HISTORY
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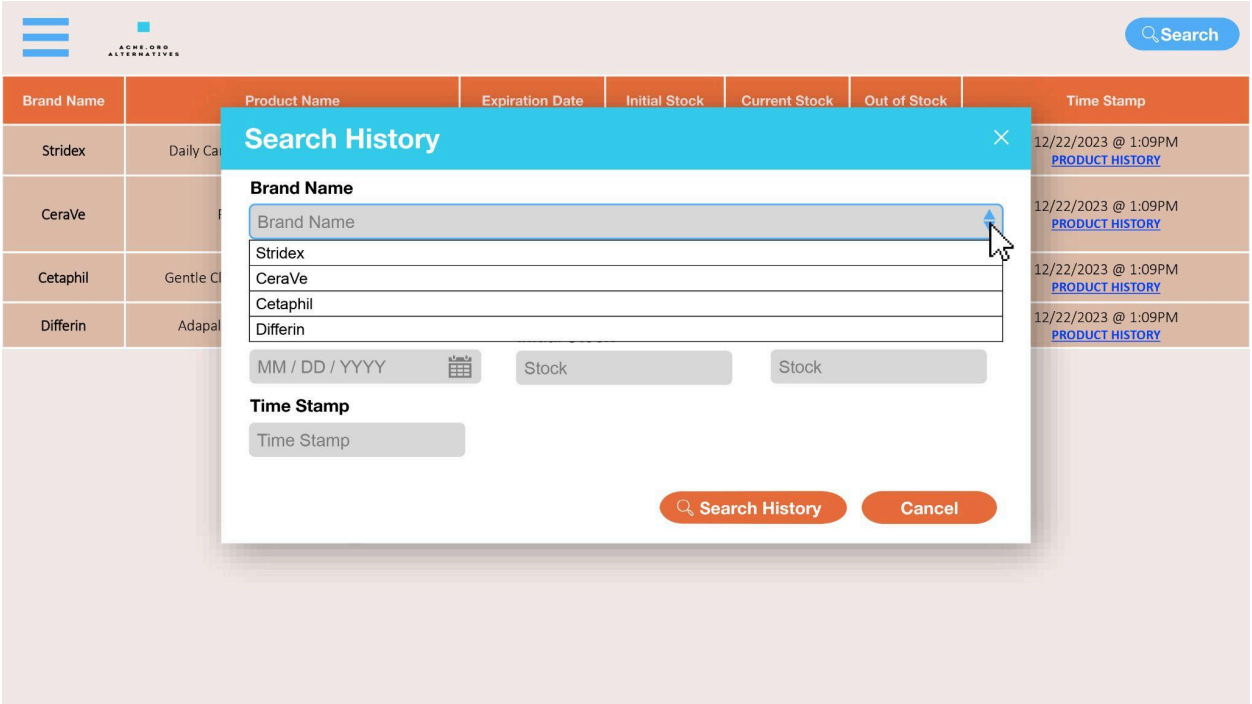
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PRODUCT HISTORY
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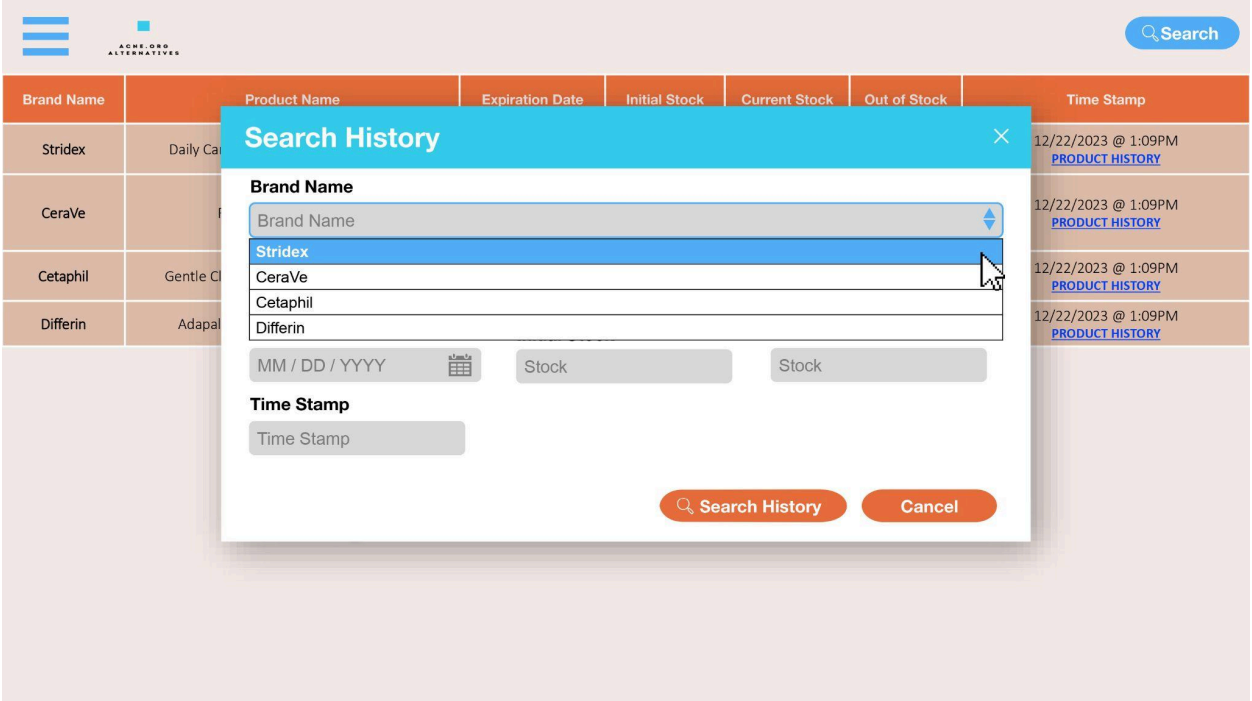
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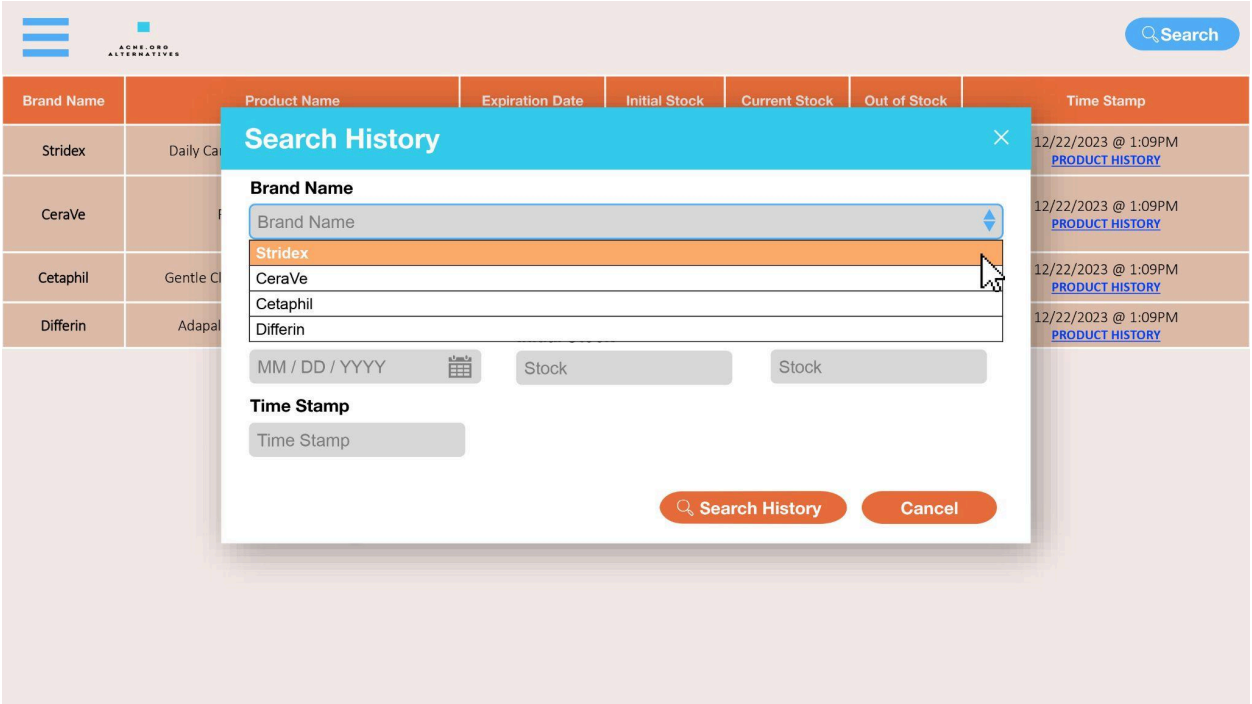
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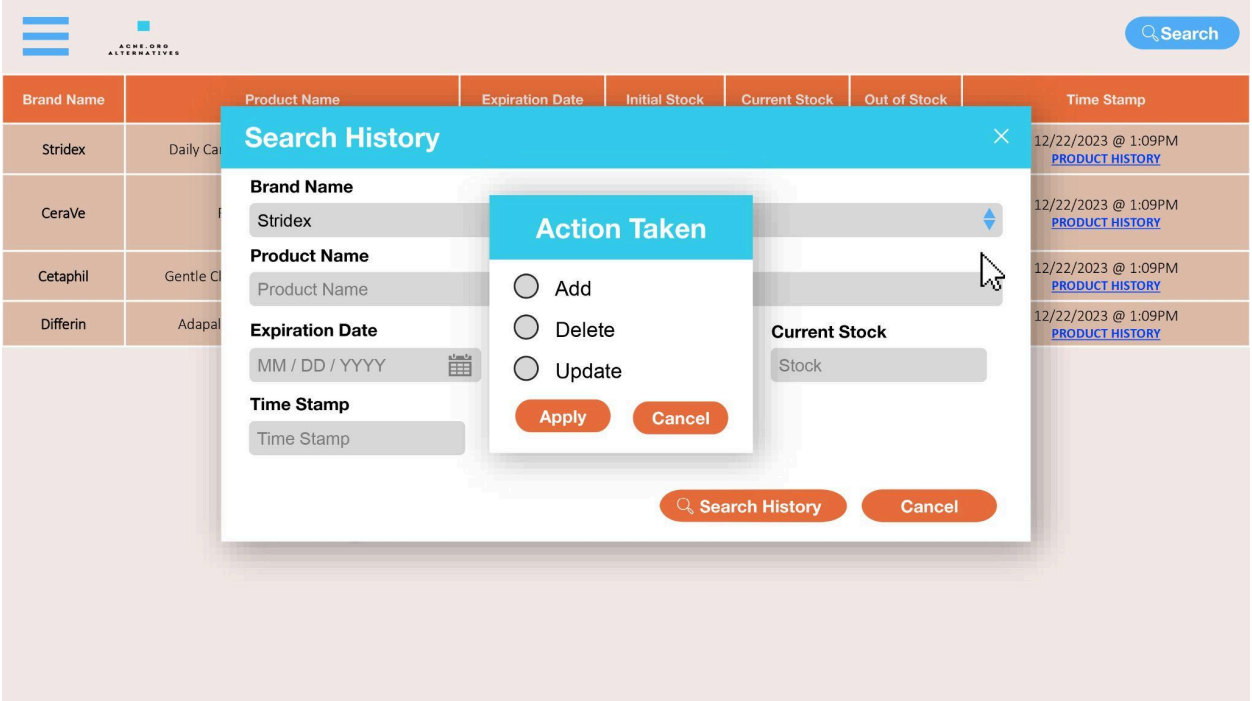
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PRODUCT HISTORY
Differin
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PRODUCT HISTORY
Search History
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Stridex
Product Name
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MM / DD / YYYY
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Action Taken
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Delete
Update
Apply
Cancel
Current Stock
Stock
Search History
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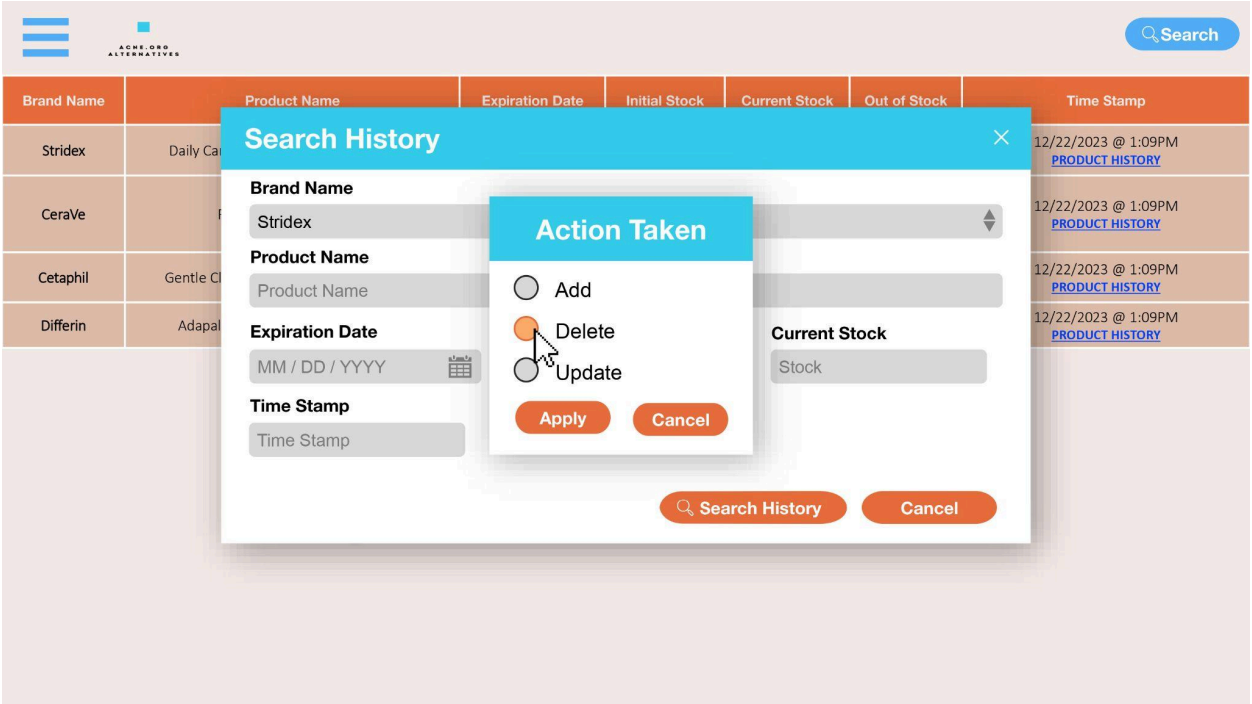
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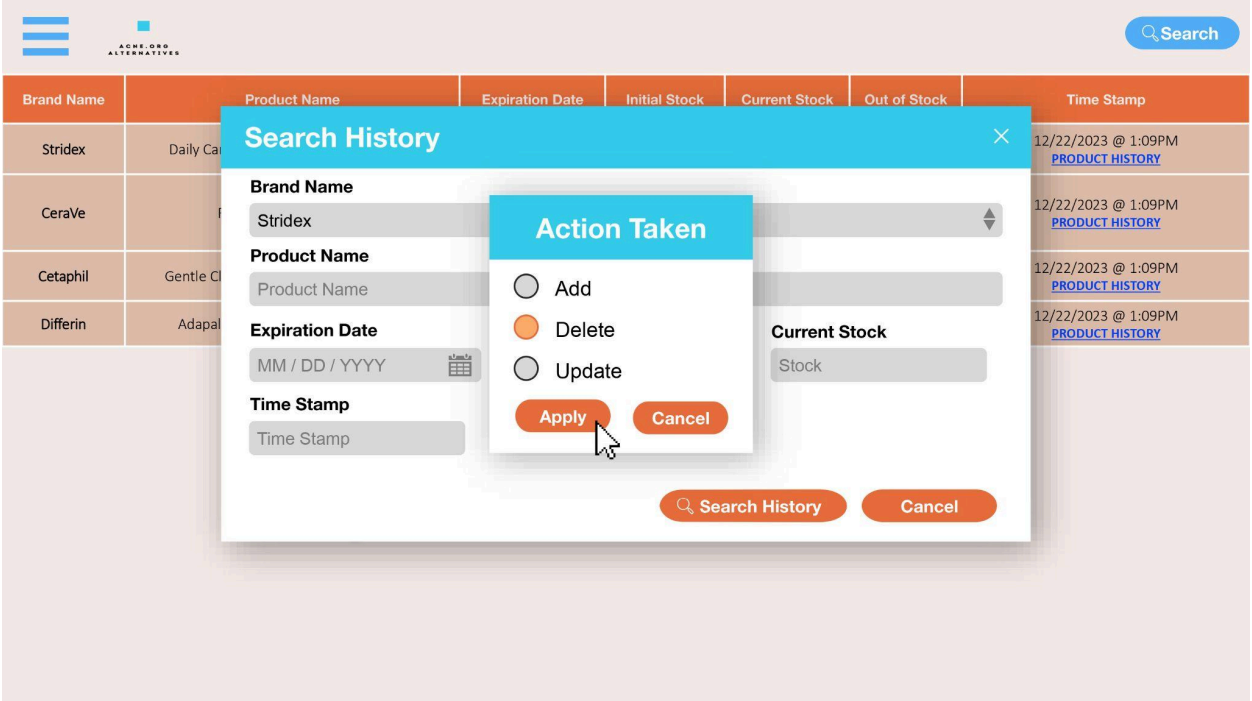
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PRODUCT HISTORY
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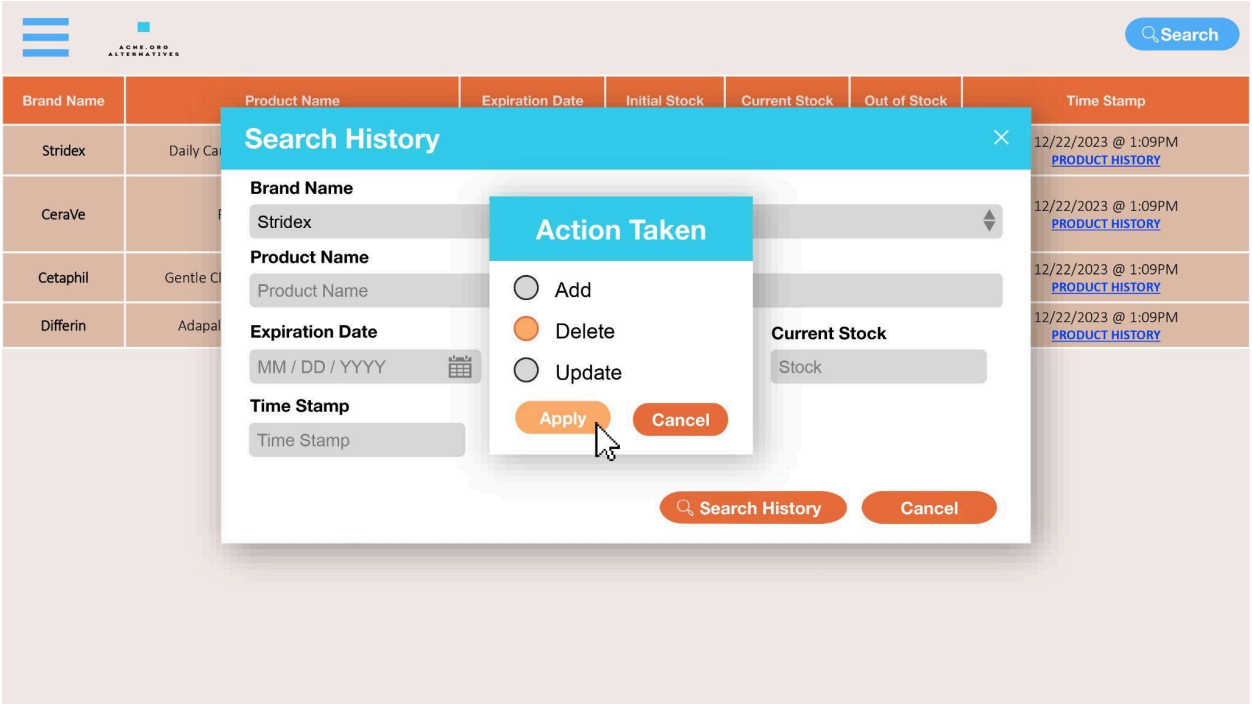
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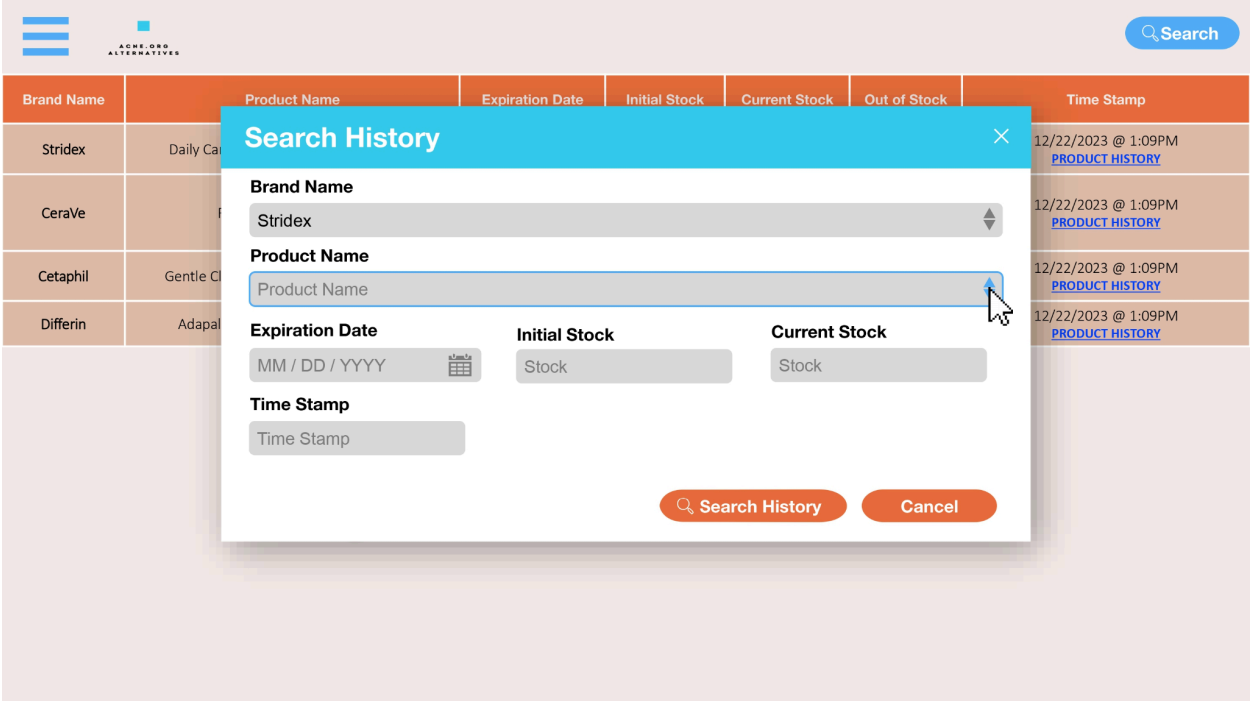
PRODUCT HISTORY
Search History
Brand Name
Stridex
Product Name
Product Name
Expiration Date
MM / DD / YYYY
Time Stamp
Time Stamp
Current Stock
Stock
Action Taken
Add
Delete
Update
Apply
Cancel
Search History
Cancel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Brand Name
Product Name
Expiration Date
Initial Stock
Current Stock
Out of Stock
Time Stamp
Stridex
CeraVe
Cetaphil
Differin
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Search History
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Product Name
Expiration Date
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Initial Stock
Stock
Current Stock
Stock
Time Stamp
Time Stamp
Search History
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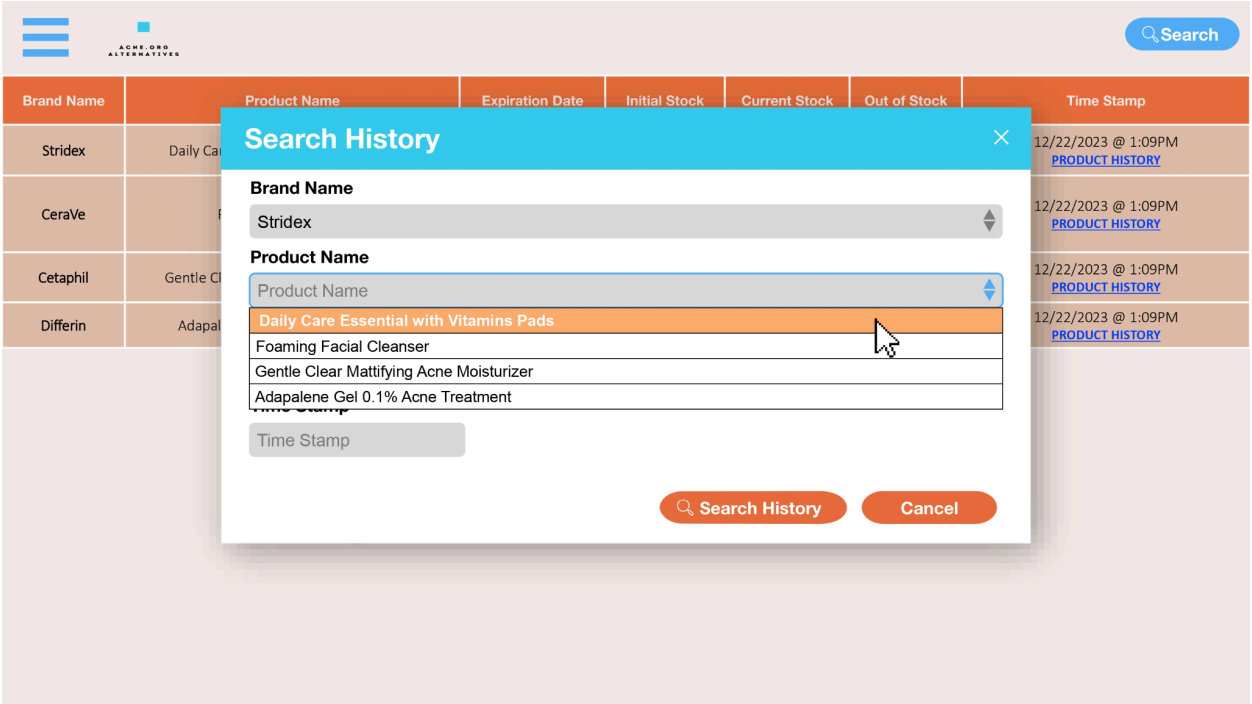
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Product Name
Expiration Date
Initial Stock
Current Stock
Out of Stock
Time Stamp
Stridex
CeraVe
Cetaphil
Differin
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Search History
Brand Name
Stridex
Product Name
Product Name
Daily Care Essential with Vitamins Pads
Foaming Facial Cleanser
Gentle Clear Mattifying Acne Moisturizer
Adapalene Gel 0.1% Acne Treatment
Time Stamp
Search History
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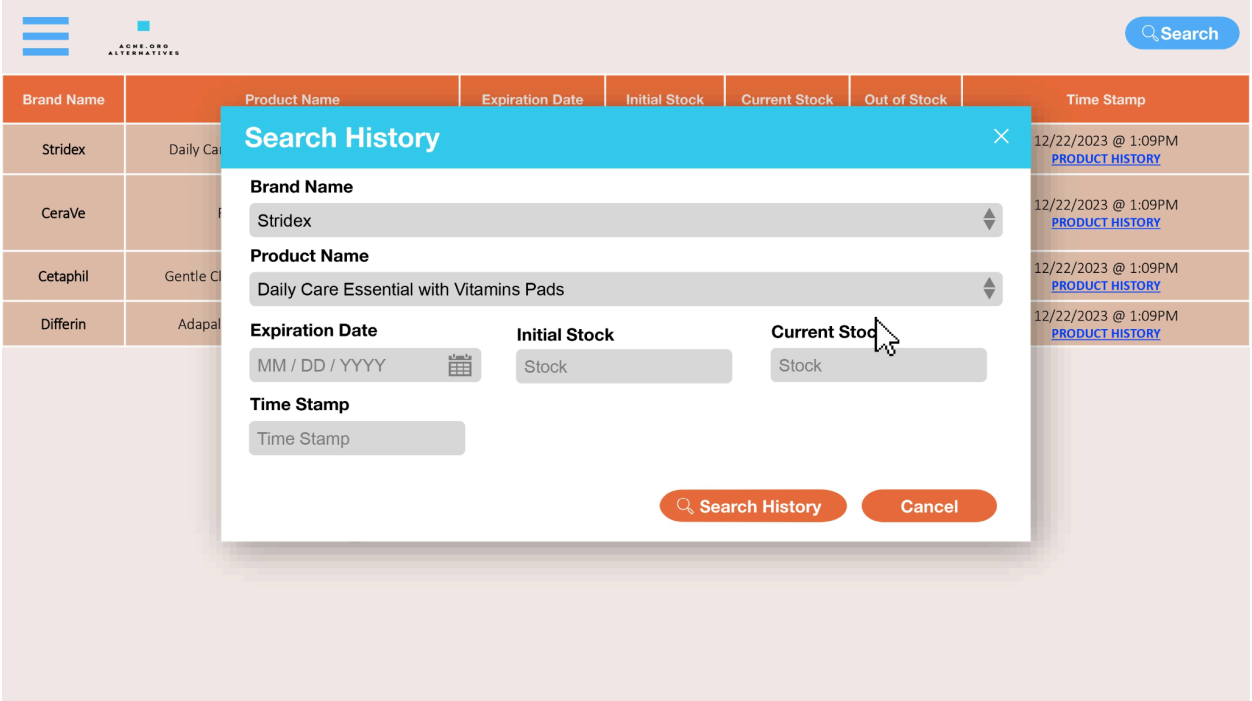
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Brand Name
Product Name
Expiration Date
Initial Stock
Current Stock
Out of Stock
Time Stamp
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12/22/2023 @ 1:09PM
PRODUCT HISTORY
CeraVe
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Cetaphil
Gentle Cl
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Differin
Adapal
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Search History
Brand Name
Stridex
Product Name
Daily Care Essential with Vitamins Pads
Expiration Date
MM / DD / YYYY
Initial Stock
Stock
Current Stock
Stock
Time Stamp
Time Stamp
Search History
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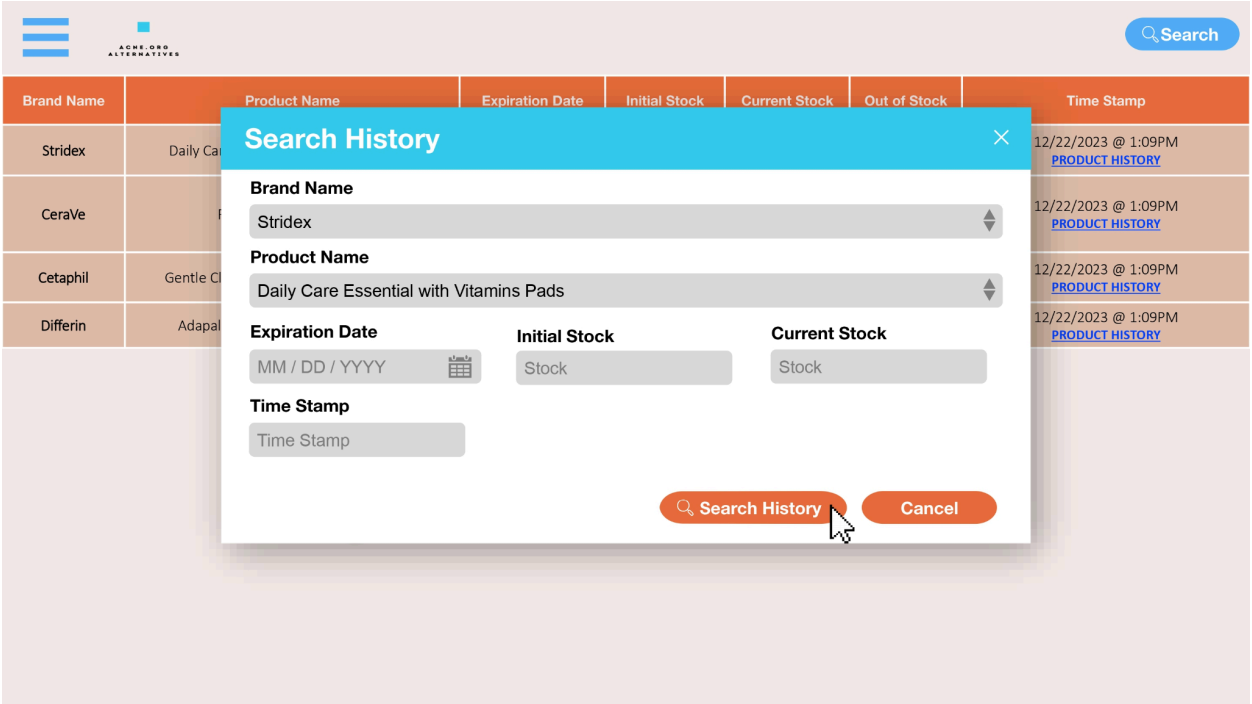
Search
Brand Name
Product Name
Expiration Date
Initial Stock
Current Stock
Out of Stock
Time Stamp
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Daily Ca
12/22/2023 @ 1:09PM
PRODUCT HISTORY
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12/22/2023 @ 1:09PM
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Cetaphil
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12/22/2023 @ 1:09PM
PRODUCT HISTORY
Differin
Adapal
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Search History
Brand Name
Stridex
Product Name
Daily Care Essential with Vitamins Pads
Expiration Date
MM / DD / YYYY
Initial Stock
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Current Stock
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Time Stamp
Time Stamp
Search History
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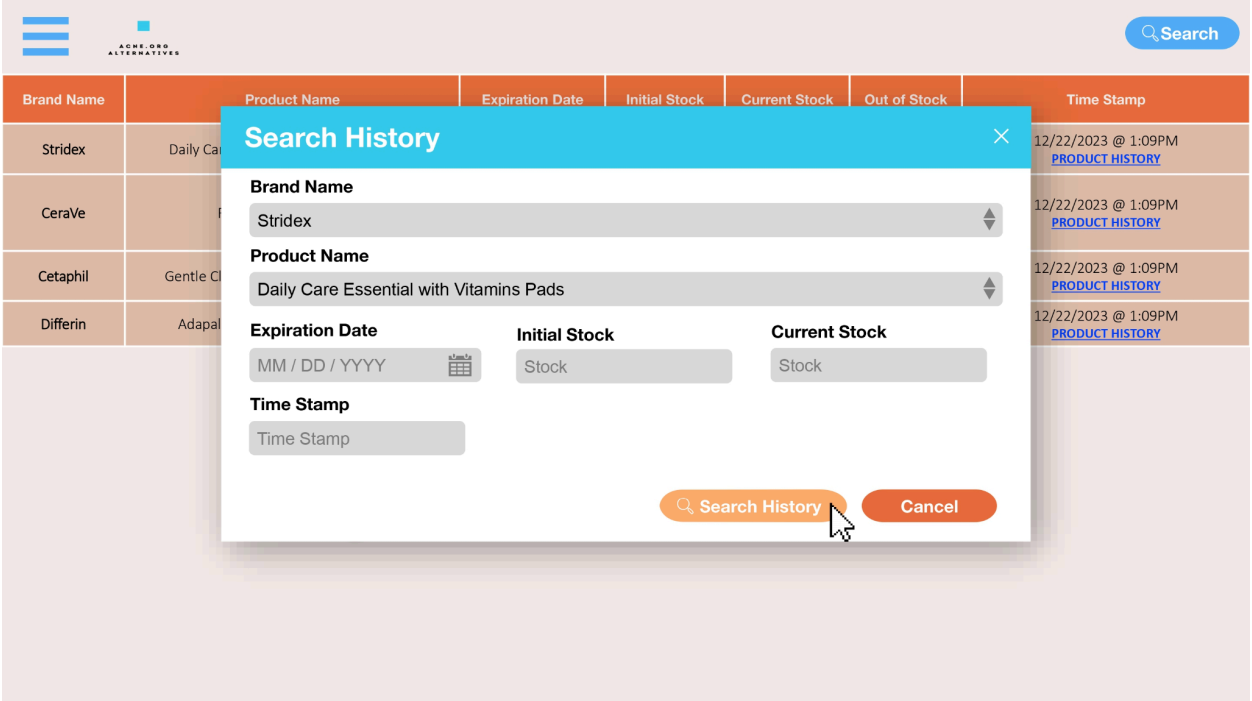
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Initial Stock
Current Stock
Out of Stock
Time Stamp
Stridex
CeraVe
Cetaphil
Differin
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Search History
Brand Name
Stridex
Product Name
Daily Care Essential with Vitamins Pads
Expiration Date
MM / DD / YYYY
Initial Stock
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Current Stock
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Time Stamp
Time Stamp
Search History
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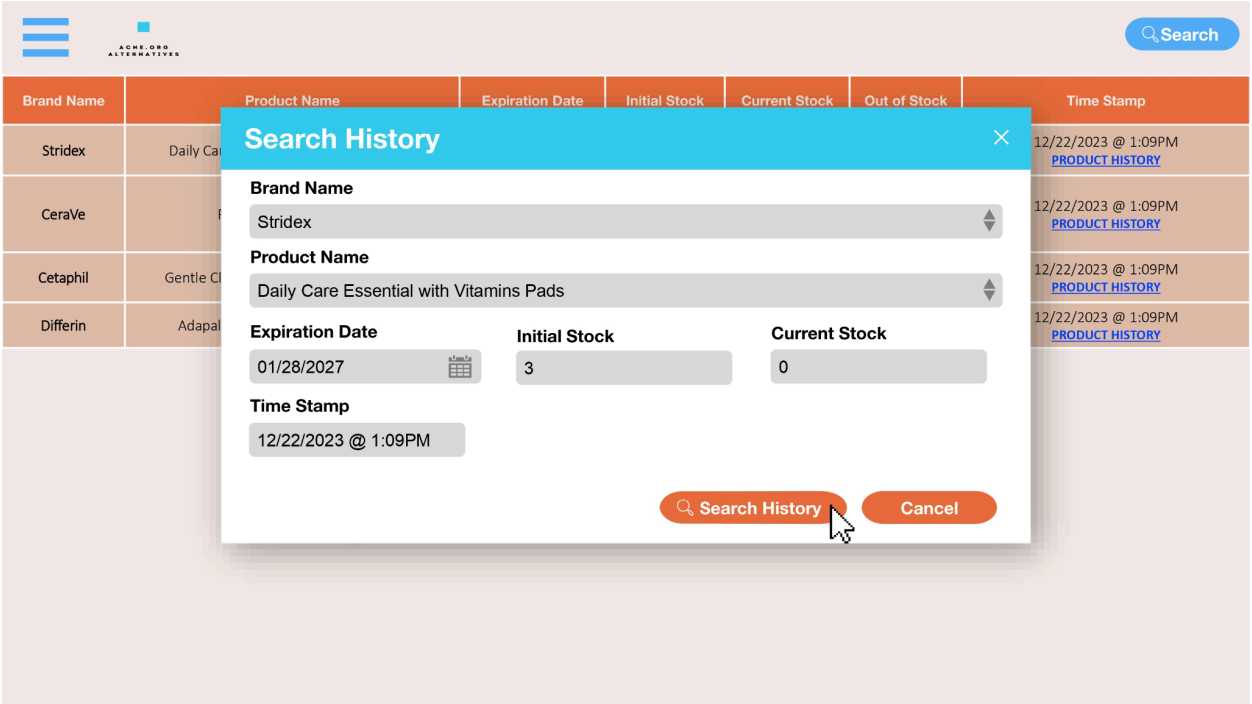
Search
Brand Name
Product Name
Expiration Date
Initial Stock
Current Stock
Out of Stock
Time Stamp
Stridex
CeraVe
Cetaphil
Differin
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Search History
Brand Name
Stridex
Product Name
Daily Care Essential with Vitamins Pads
Expiration Date
01/28/2027
Initial Stock
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Current Stock
0
Time Stamp
12/22/2023 @ 1:09PM
Search History
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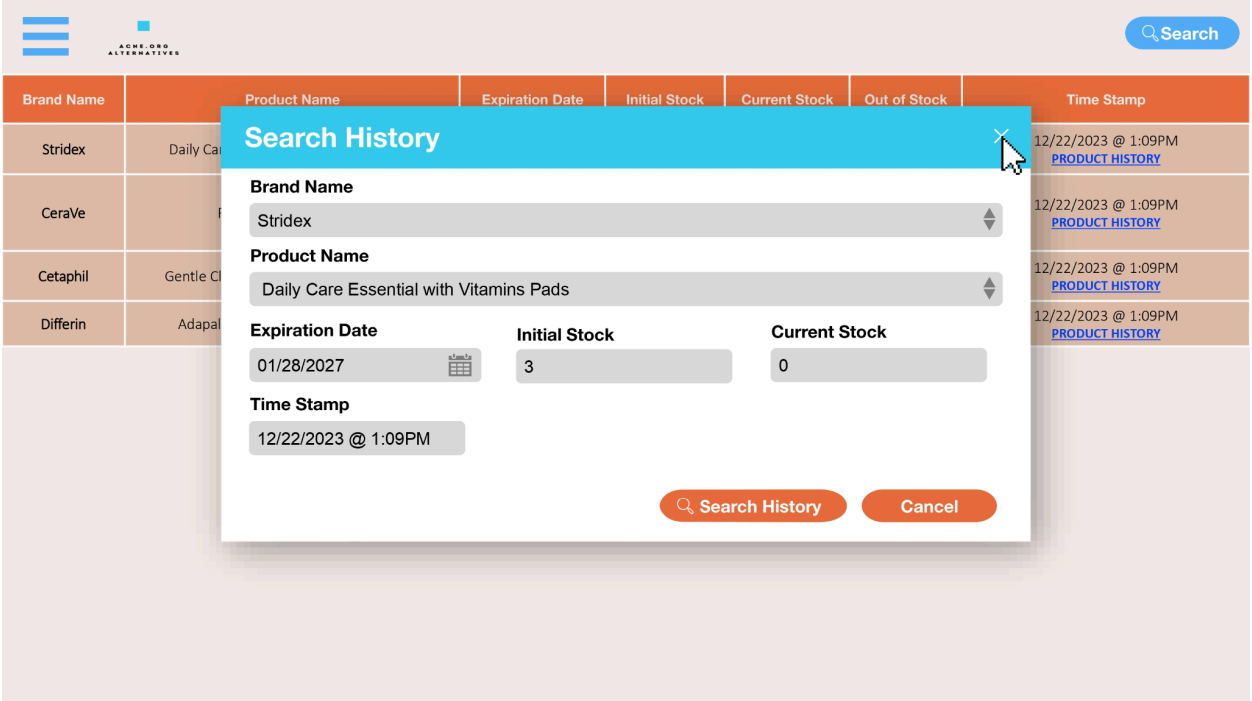
Search
Brand Name
Product Name
Expiration Date
Initial Stock
Current Stock
Out of Stock
Time Stamp
Stridex
Daily Ca
12/22/2023 @ 1:09PM
PRODUCT HISTORY
CeraVe
12/22/2023 @ 1:09PM
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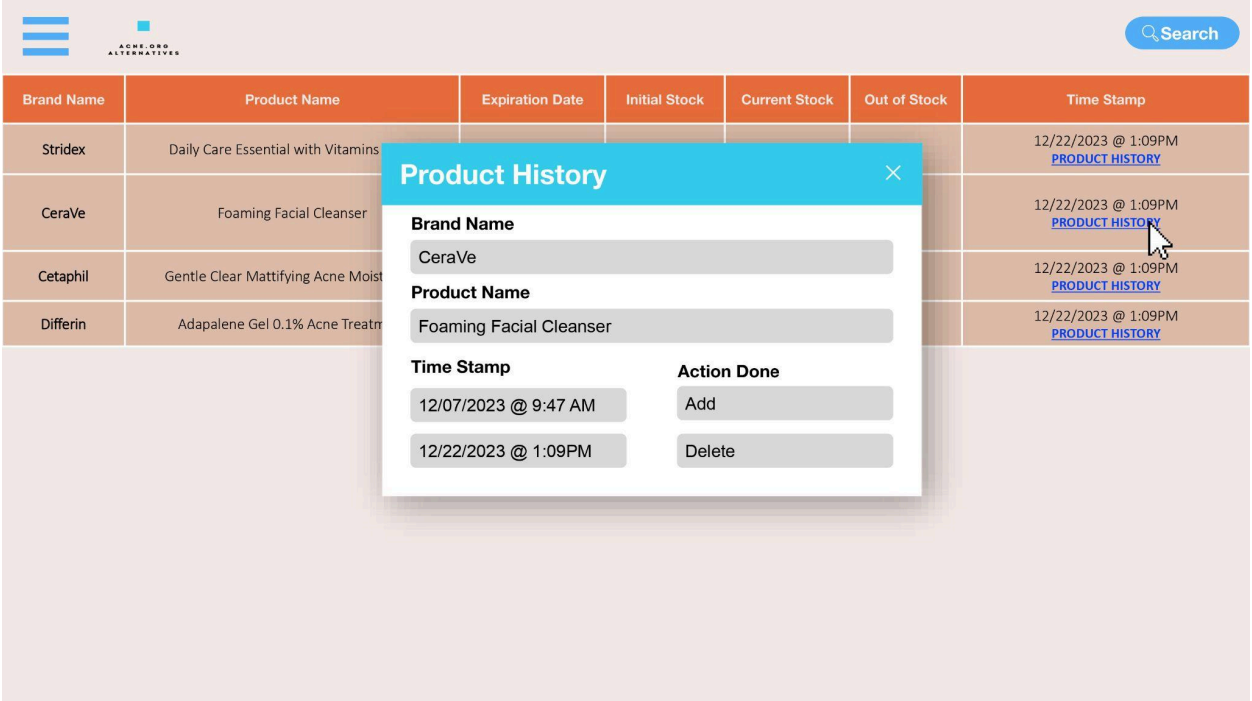
Cetaphil
Gentle Cl
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Differin
Adapal
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Search History
Brand Name
Stridex
Product Name
Daily Care Essential with Vitamins Pads
Expiration Date
01/28/2027
Initial Stock
3
Current Stock
0
Time Stamp
12/22/2023 @ 1:09PM
Search History
Cancel

Search

Brand Name	Product Name	Expiration Date	Initial Stock	Current Stock	Out of Stock	Time Stamp
Stridex	Daily Care Essential with Vitamins Pads	01/28/2027	3	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
CeraVe	Foaming Facial Cleanser	08/25/2026	2	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
Cetaphil	Gentle Clear Mattifying Acne Moisturizer	07/17/2025	4	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
Differin	Adapalene Gel 0.1% Acne Treatment	09/17/2025	5	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY

Search

Brand Name	Product Name	Expiration Date	Initial Stock	Current Stock	Out of Stock	Time Stamp
Stridex	Daily Care Essential with Vitamins Pads	01/28/2027	3	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
CeraVe	Foaming Facial Cleanser	08/25/2026	2	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
Cetaphil	Gentle Clear Mattifying Acne Moisturizer	07/17/2025	4	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
Differin	Adapalene Gel 0.1% Acne Treatment	09/17/2025	5	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY


Search
Brand Name
Product Name
Expiration Date
Initial Stock
Current Stock
Out of Stock
Time Stamp
Stridex
Daily Care Essential with Vitamins
12/22/2023 @ 1:09PM
PRODUCT HISTORY
CeraVe
Foaming Facial Cleanser
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Cetaphil
Gentle Clear Mattifying Acne Moist
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Differin
Adapalene Gel 0.1% Acne Treatm
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Product History
Brand Name
CeraVe
Product Name
Foaming Facial Cleanser
Time Stamp
12/07/2023 @ 9:47 AM
12/22/2023 @ 1:09PM
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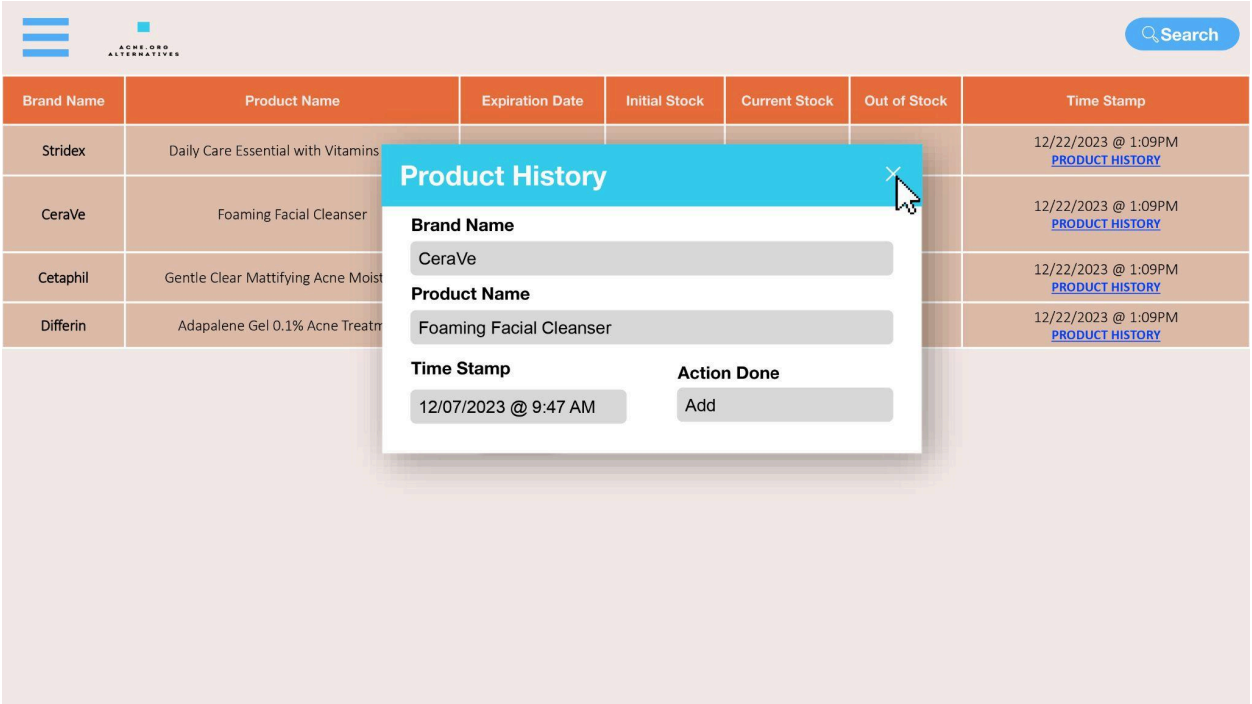
Search
Brand Name
Product Name
Expiration Date
Initial Stock
Current Stock
Out of Stock
Time Stamp
Stridex
Daily Care Essential with Vitamins
12/22/2023 @ 1:09PM
PRODUCT HISTORY
CeraVe
Foaming Facial Cleanser
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Cetaphil
Gentle Clear Mattifying Acne Moist
12/22/2023 @ 1:09PM
PRODUCT HISTORY
Differin
Adapalene Gel 0.1% Acne Treatm
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Brand Name
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Product Name
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Time Stamp
12/07/2023 @ 9:47 AM
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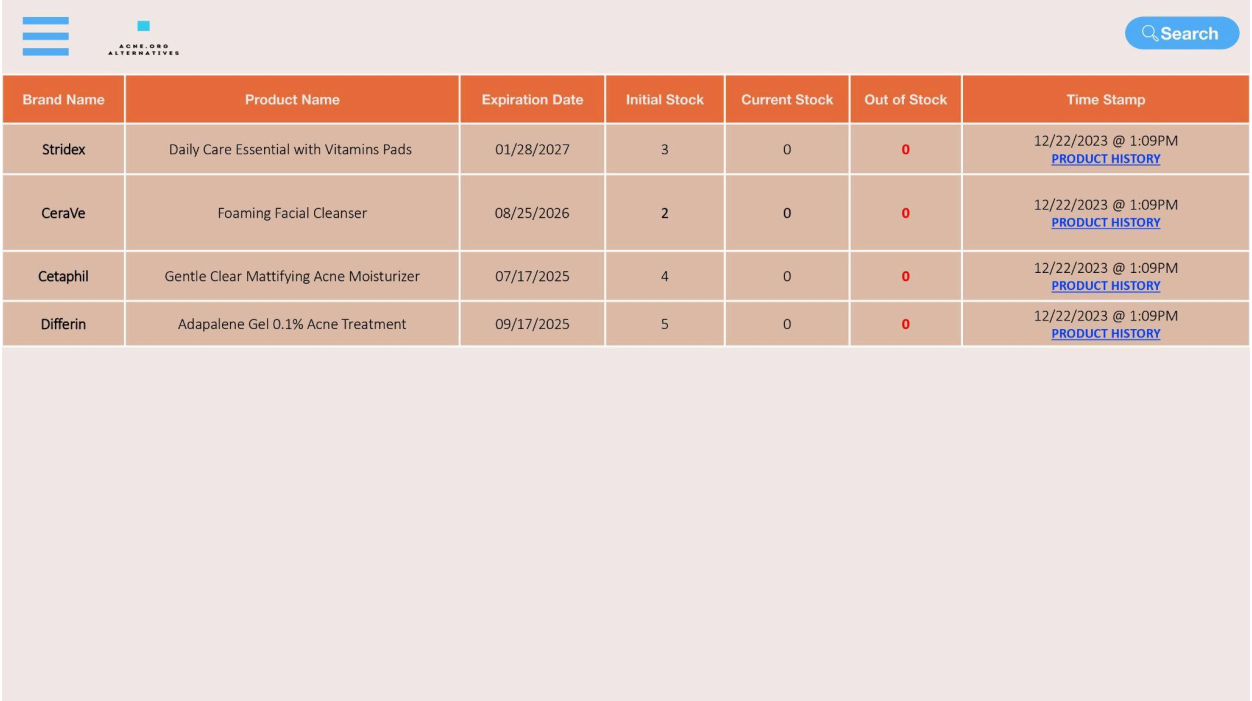
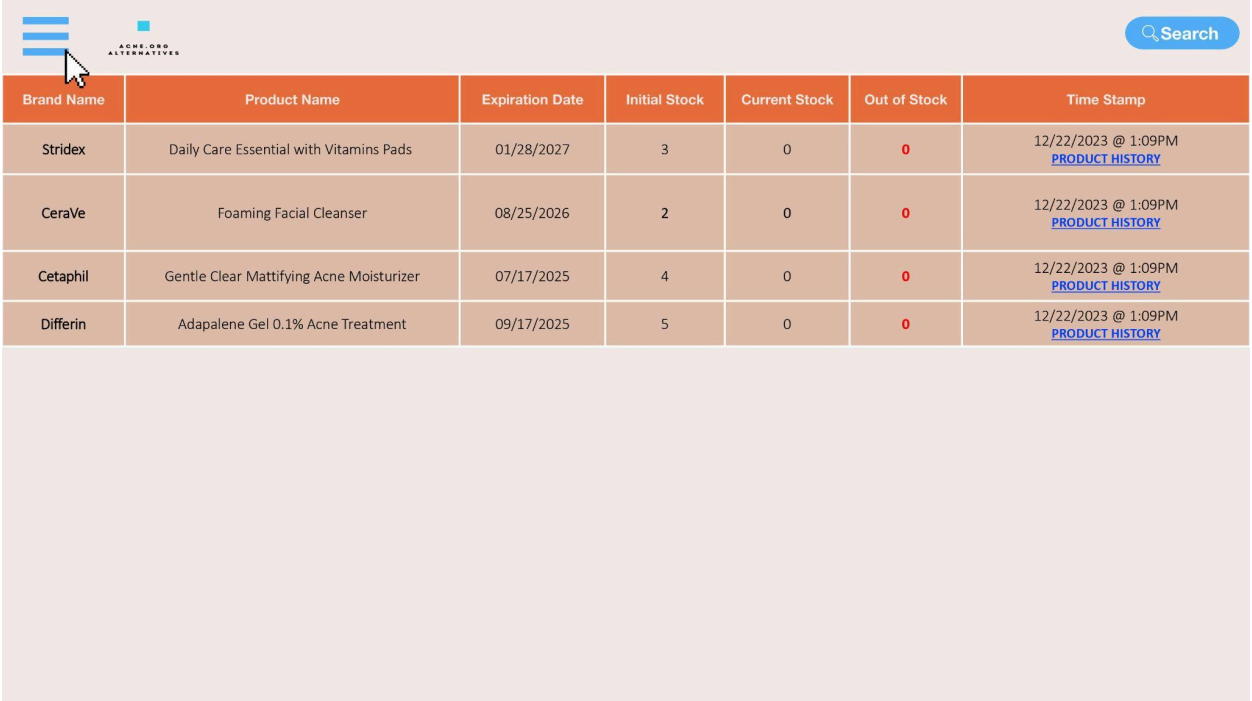
Add



Search

Brand Name	Product Name	Expiration Date	Initial Stock	Current Stock	Out of Stock	Time Stamp
Stridex	Daily Care Essential with Vitamins Pads	01/28/2027	3	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
CeraVe	Foaming Facial Cleanser	08/25/2026	2	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
Cetaphil	Gentle Clear Mattifying Acne Moisturizer	07/17/2025	4	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
Differin	Adapalene Gel 0.1% Acne Treatment	09/17/2025	5	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY

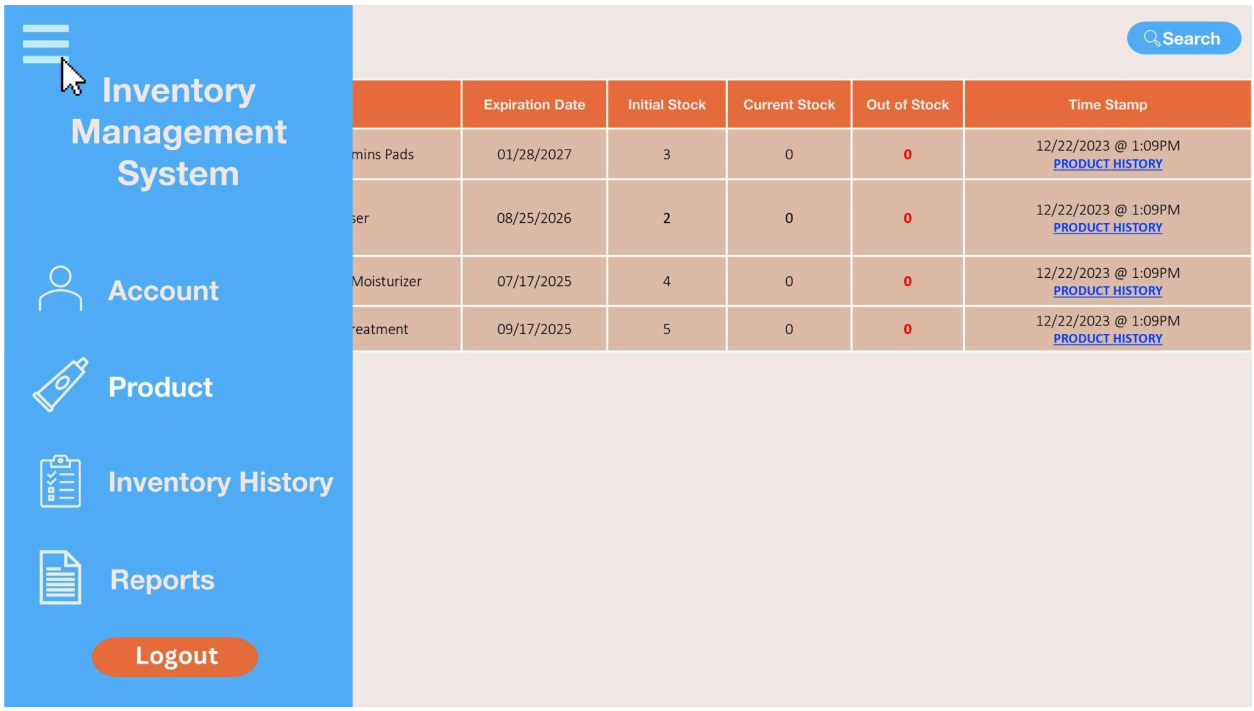
In the inventory history section, it displays the product list with its details and a timestamp of edit history. The search button displays a window that asks the user for inputs about the product they are trying to find with the options if the products are added, updated, or deleted. The product will then appear and display its details with the selected action and show the exact date and time when it happened so the user will know for monitoring purposes.



ACNE.ORG ALTERNATIVES

Search

Brand Name	Product Name	Expiration Date	Initial Stock	Current Stock	Out of Stock	Time Stamp
Stridex	Daily Care Essential with Vitamins Pads	01/28/2027	3	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
CeraVe	Foaming Facial Cleanser	08/25/2026	2	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
Cetaphil	Gentle Clear Mattifying Acne Moisturizer	07/17/2025	4	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY
Differin	Adapalene Gel 0.1% Acne Treatment	09/17/2025	5	0	0	12/22/2023 @ 1:09PM PRODUCT HISTORY


Inventory Management System
Account
Product
Inventory History
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Current Stock
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01/28/2027
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12/22/2023 @ 1:09PM
PRODUCT HISTORY
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PRODUCT HISTORY
Moisturizer
07/17/2025
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12/22/2023 @ 1:09PM
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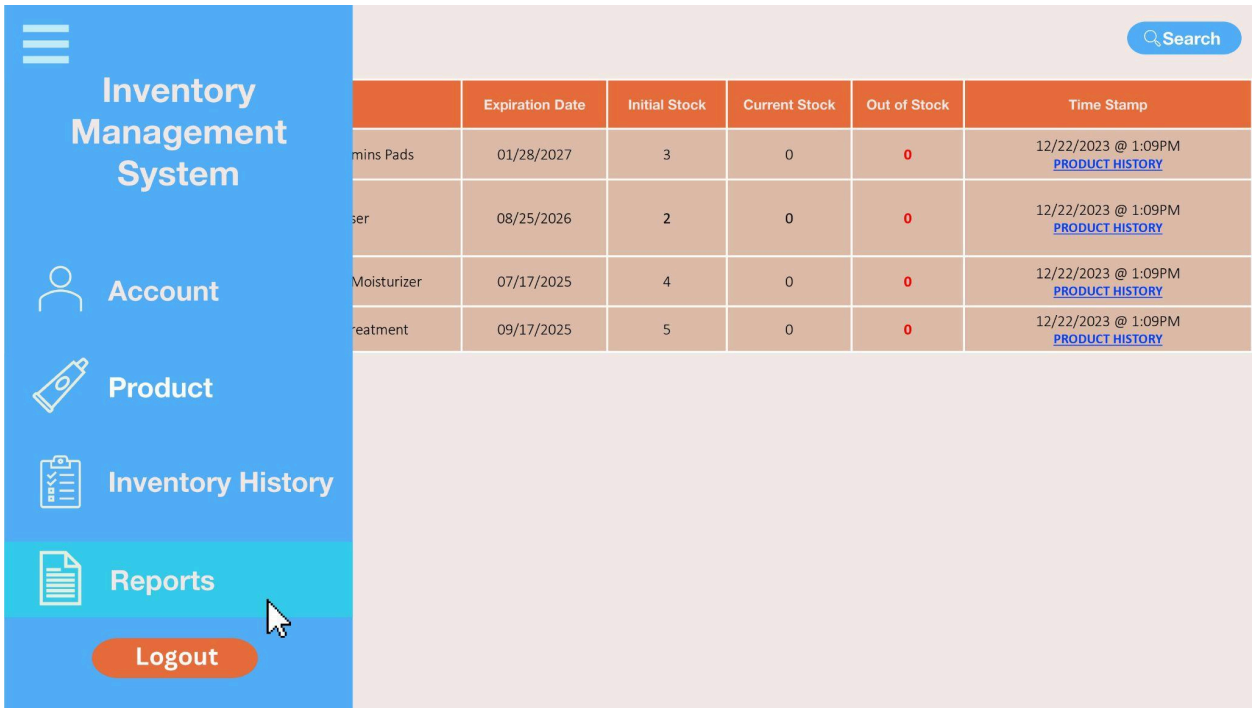
12/22/2023 @ 1:09PM
PRODUCT HISTORY


Inventory Management System
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Reports
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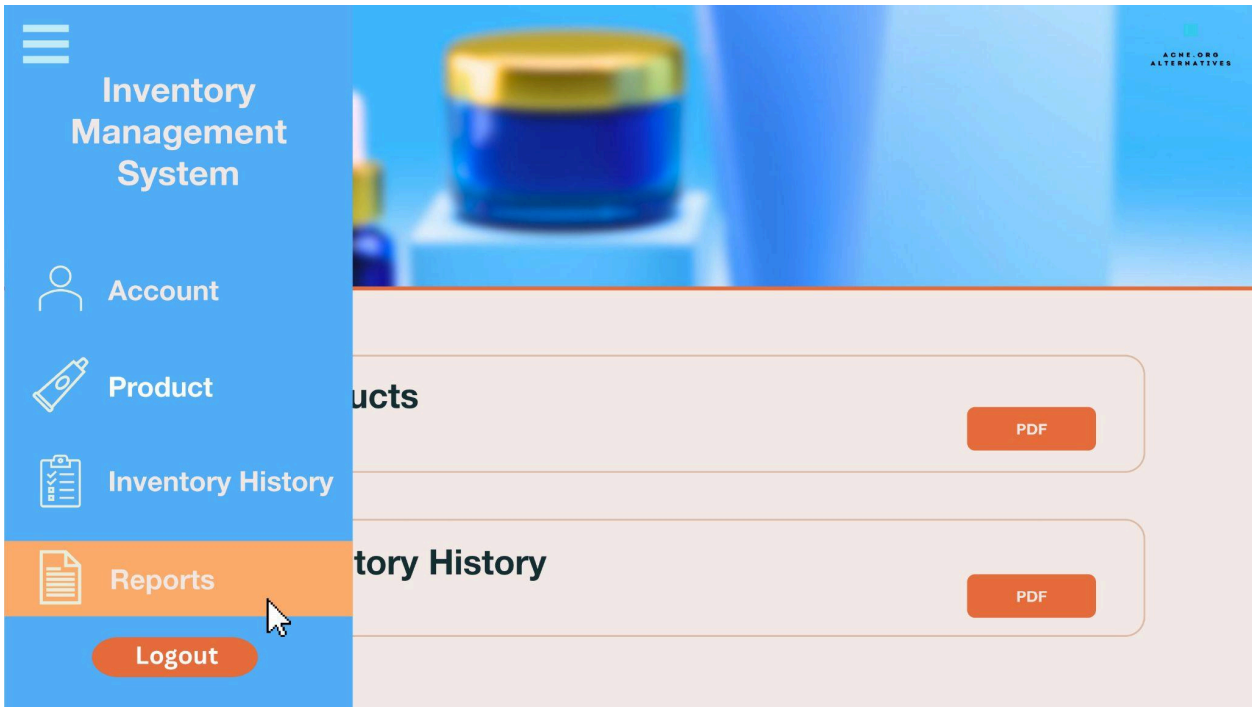
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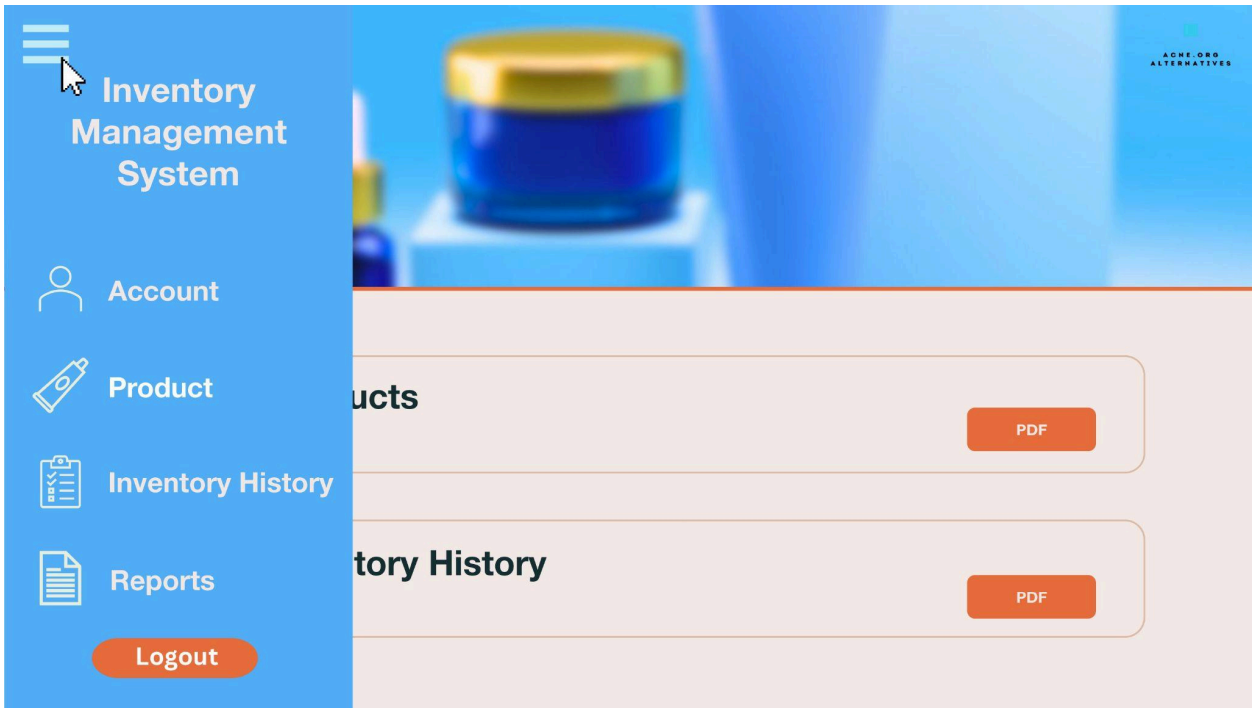
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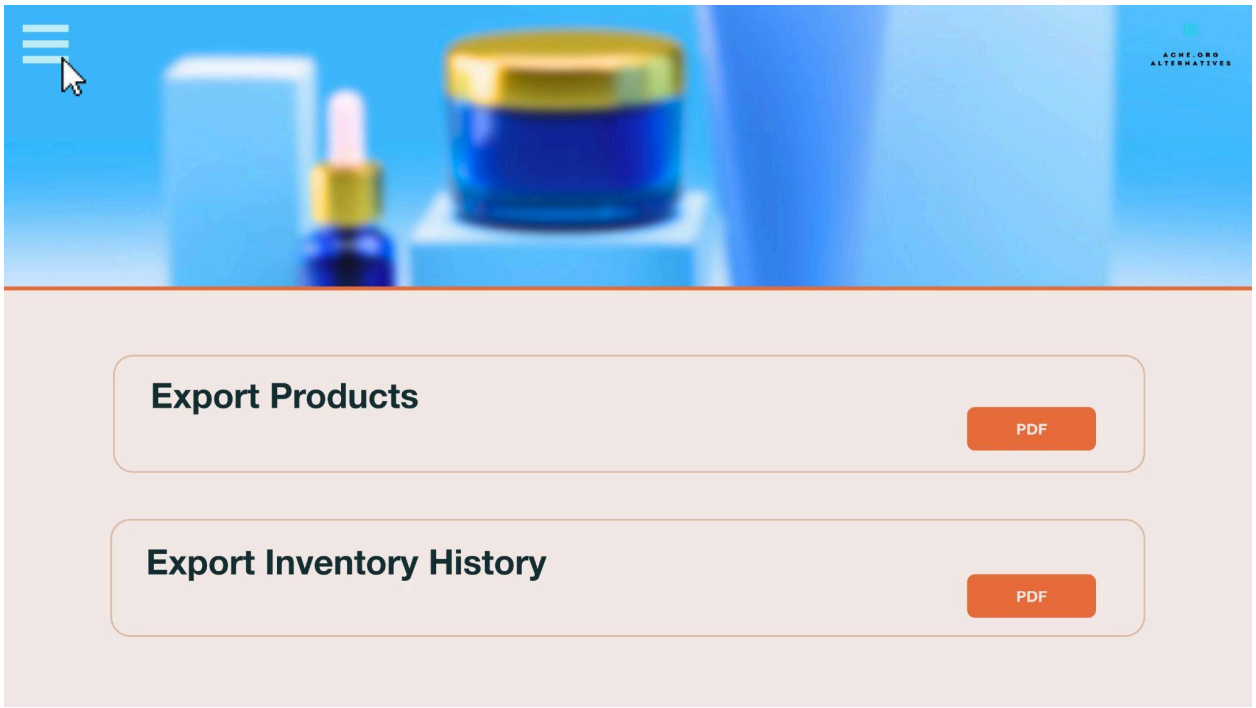
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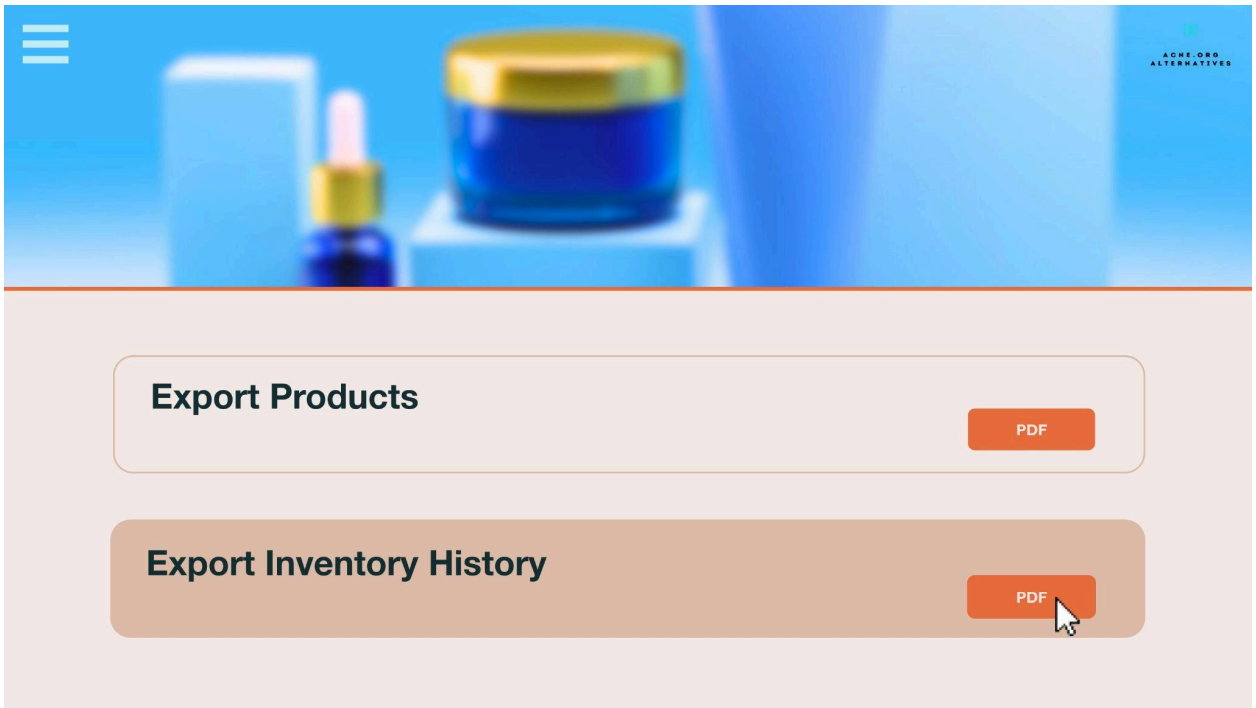
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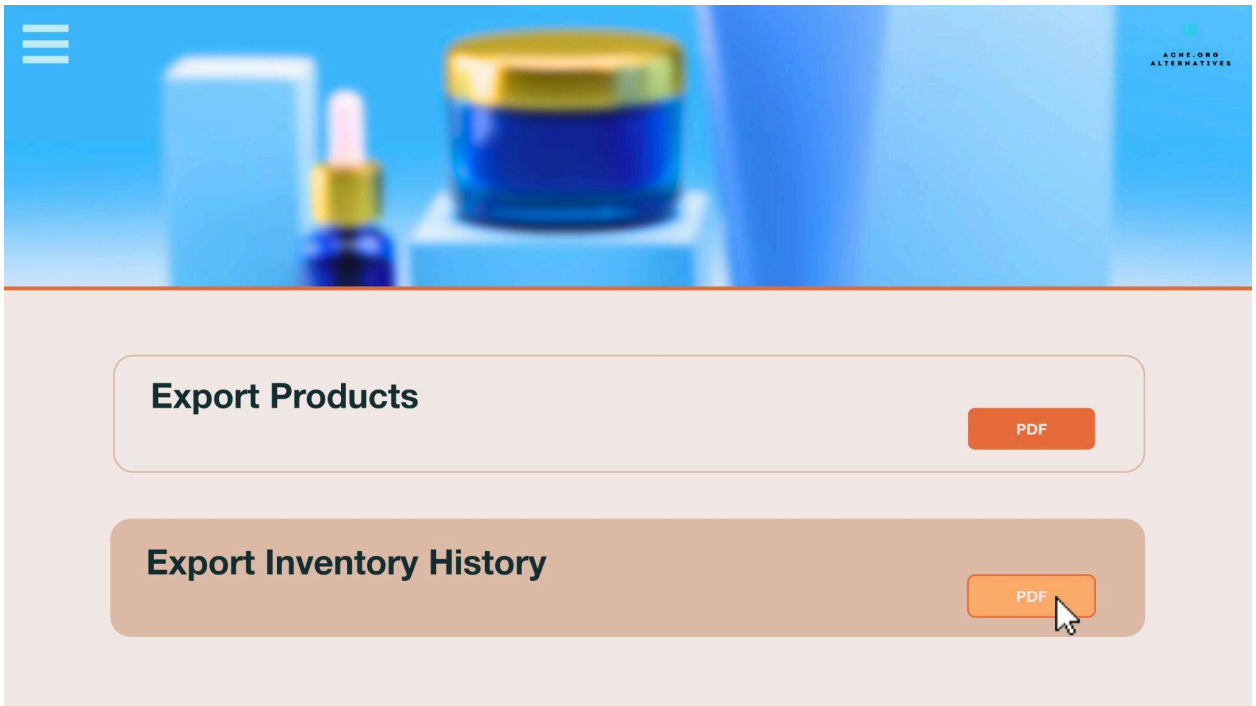
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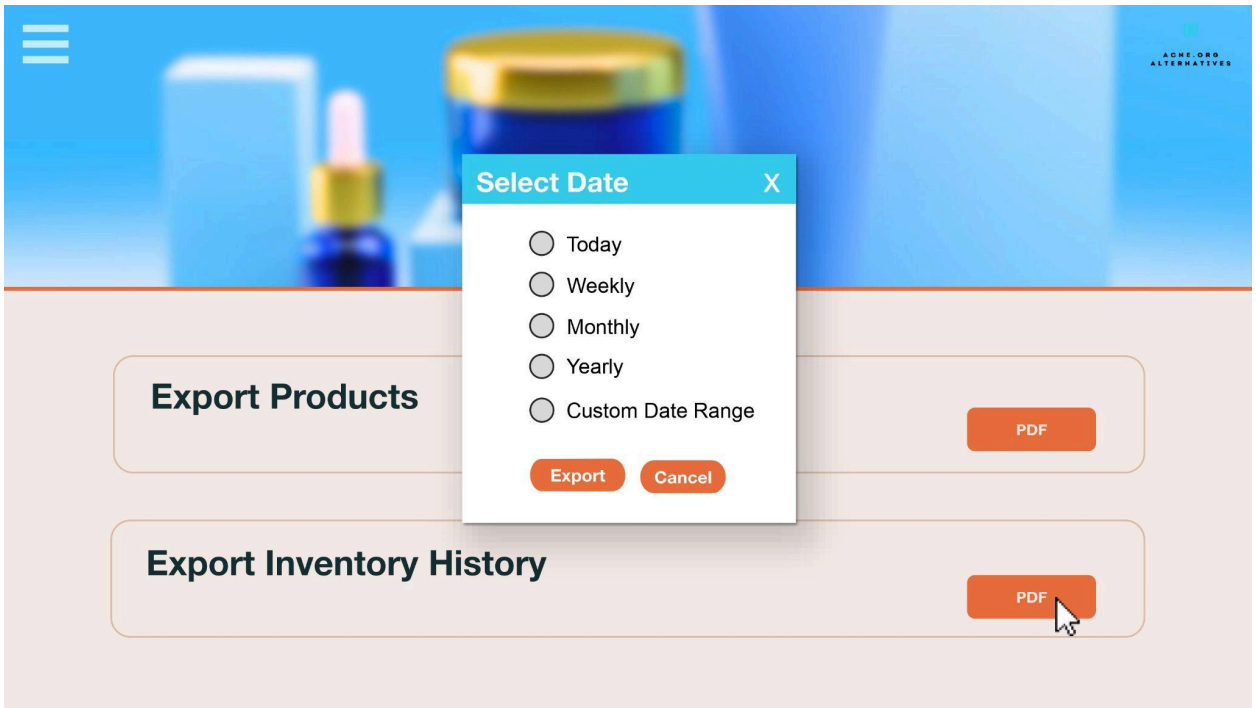
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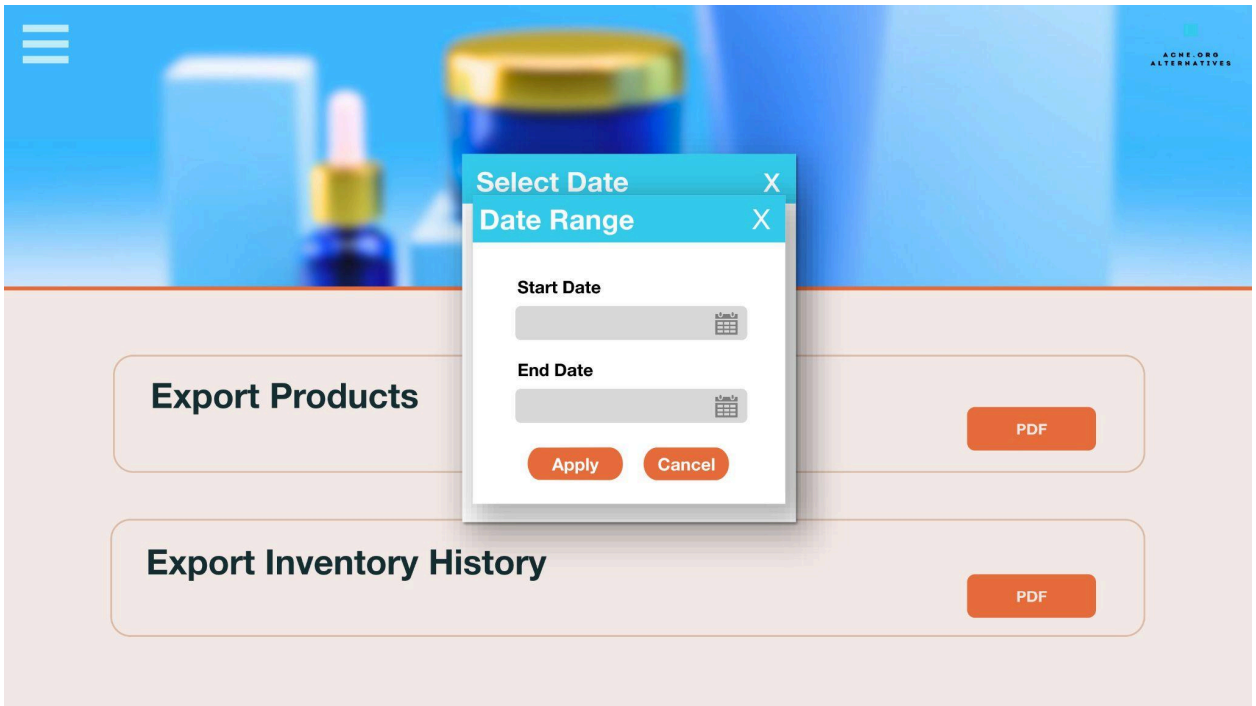
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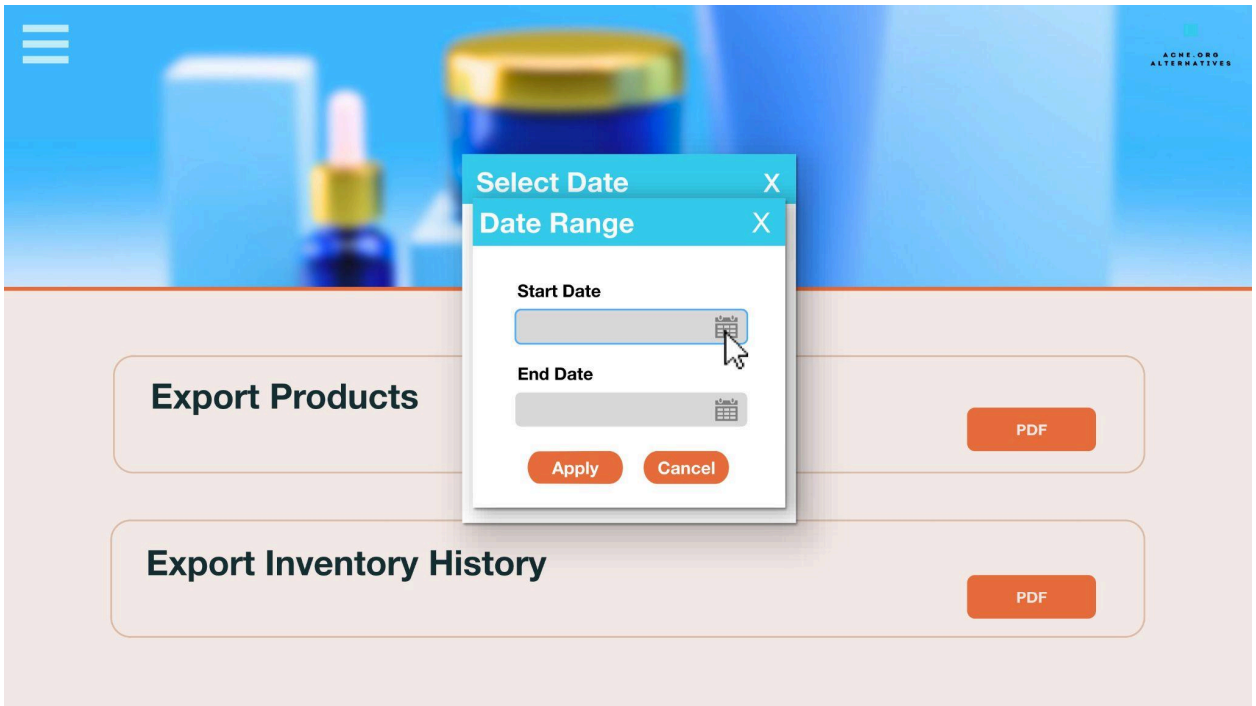
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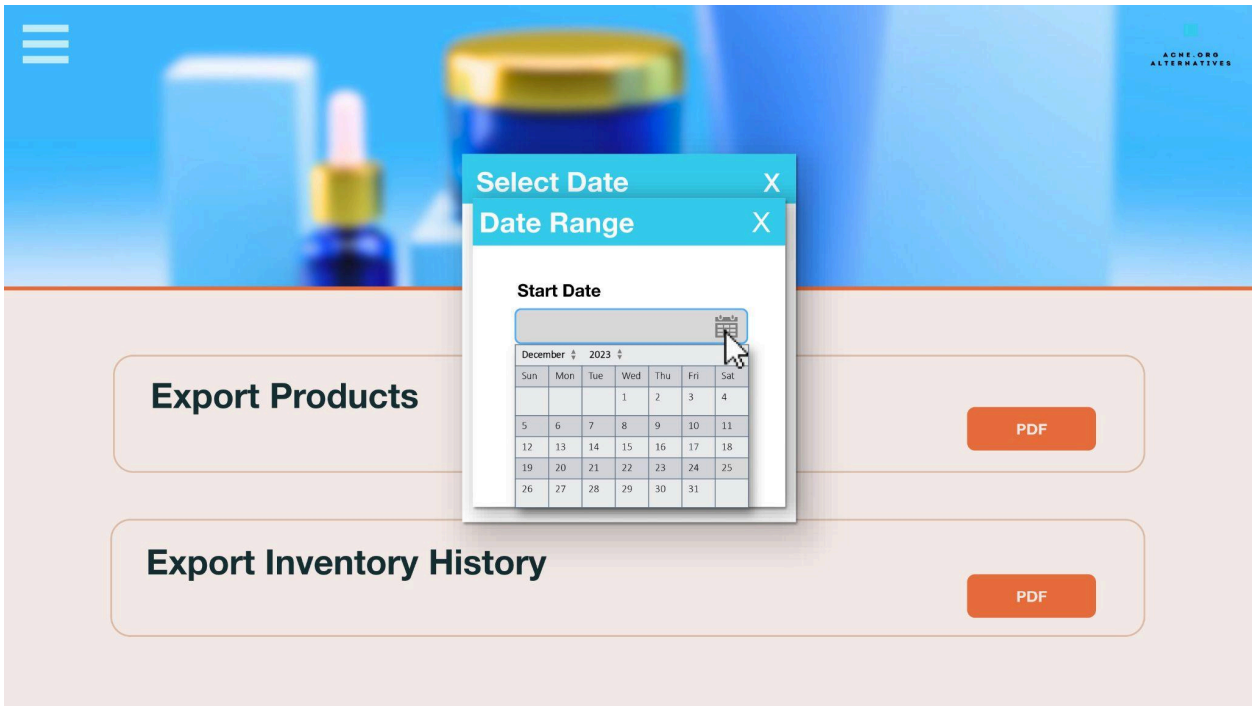
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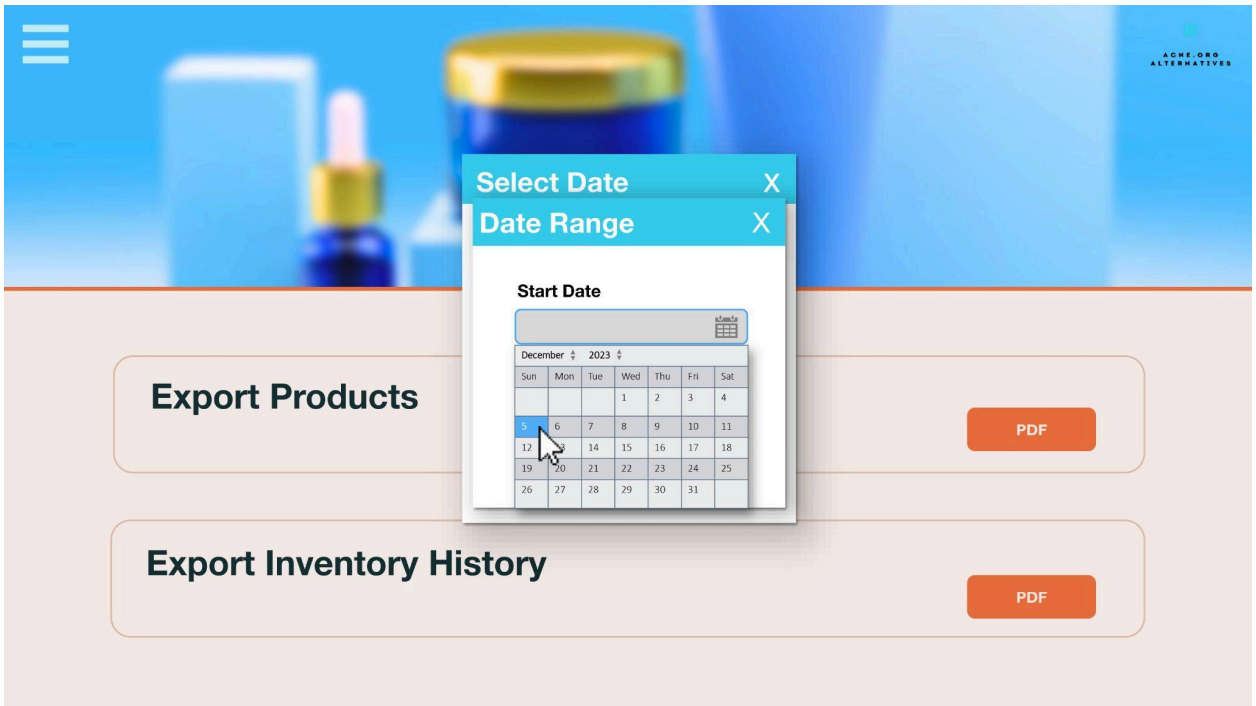
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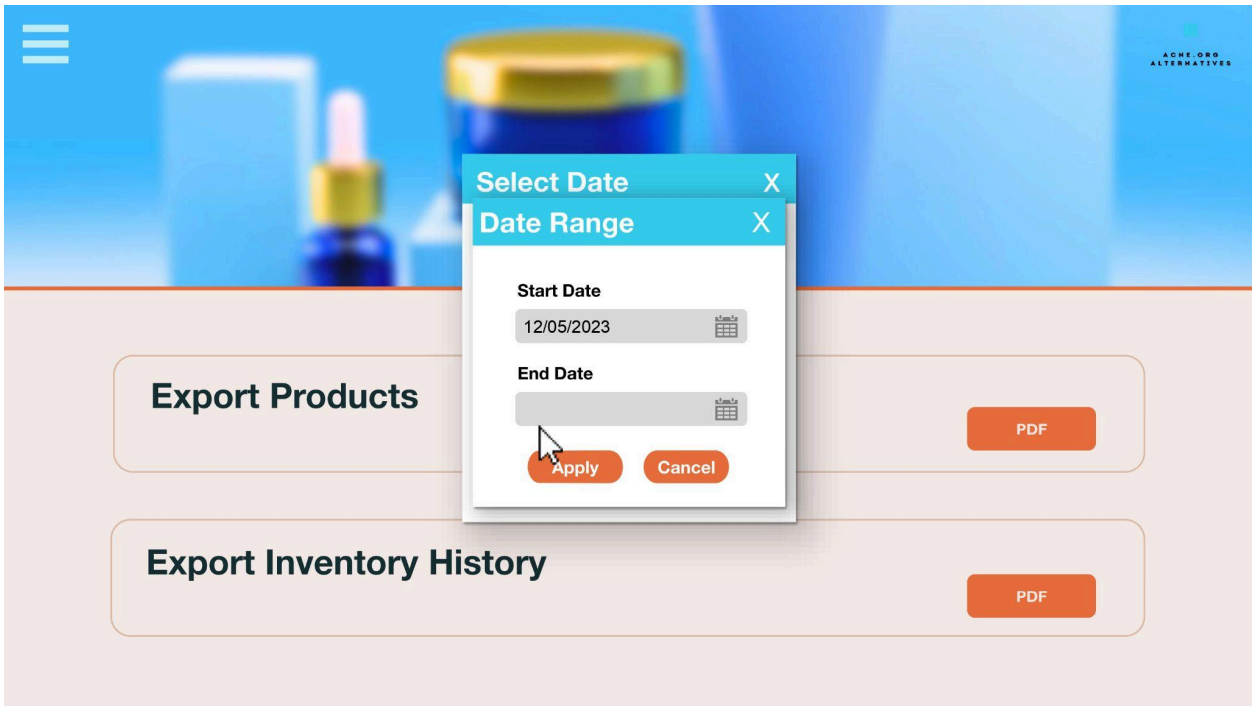
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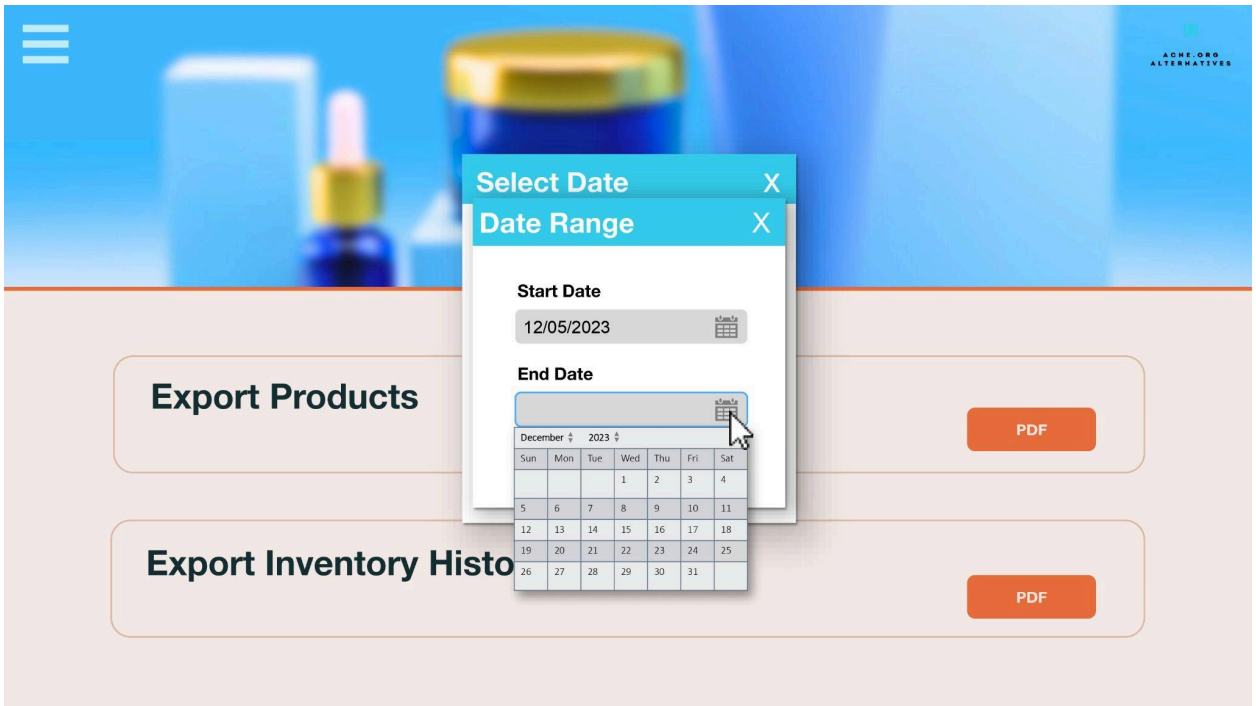
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Export Inventory Histo
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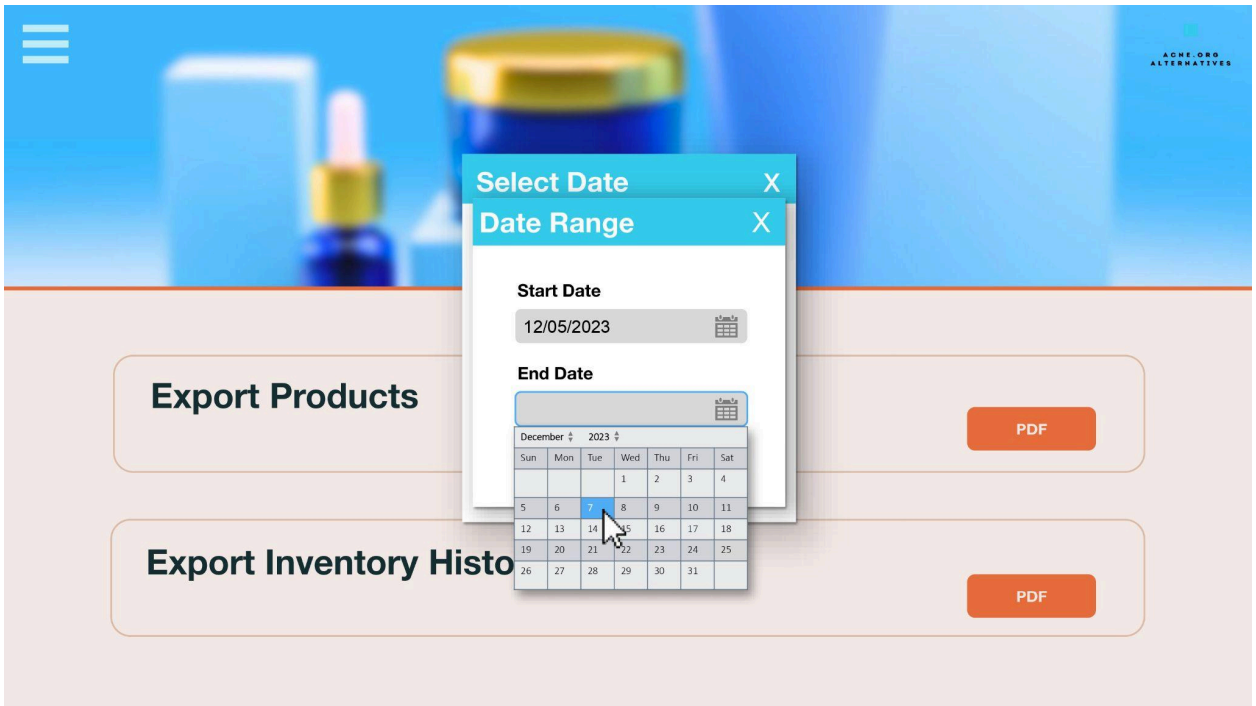
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Export Inventory Histo
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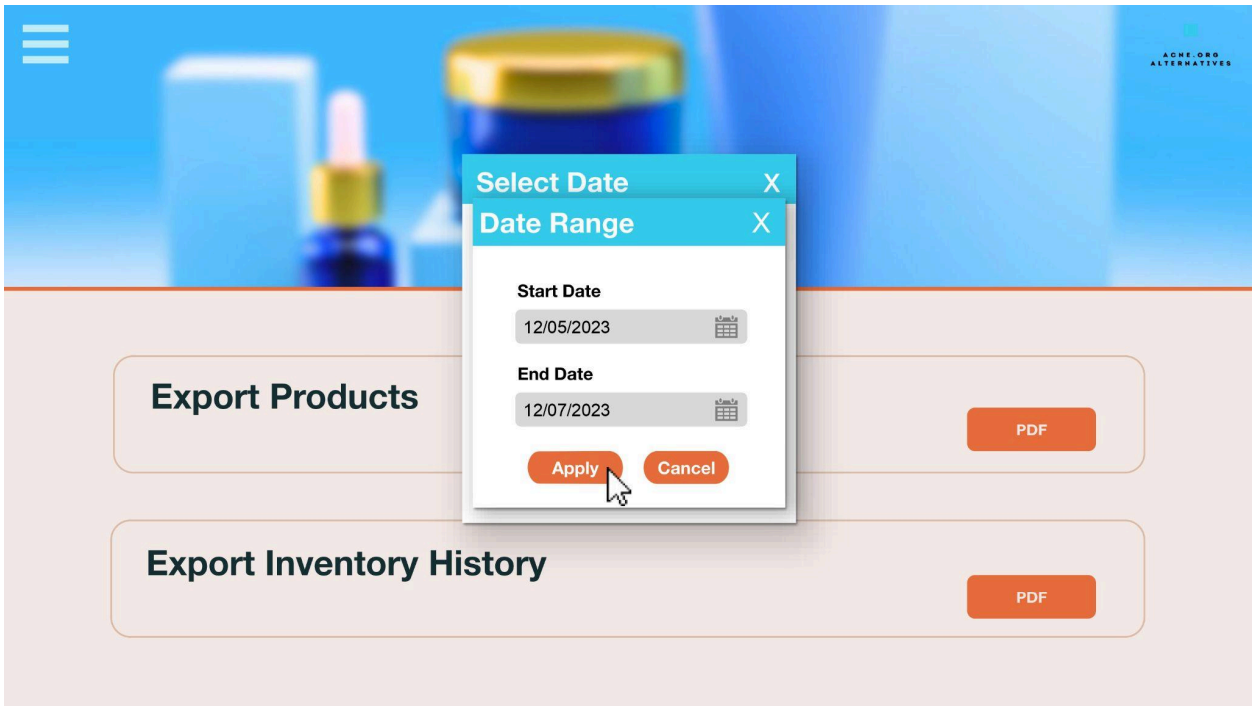
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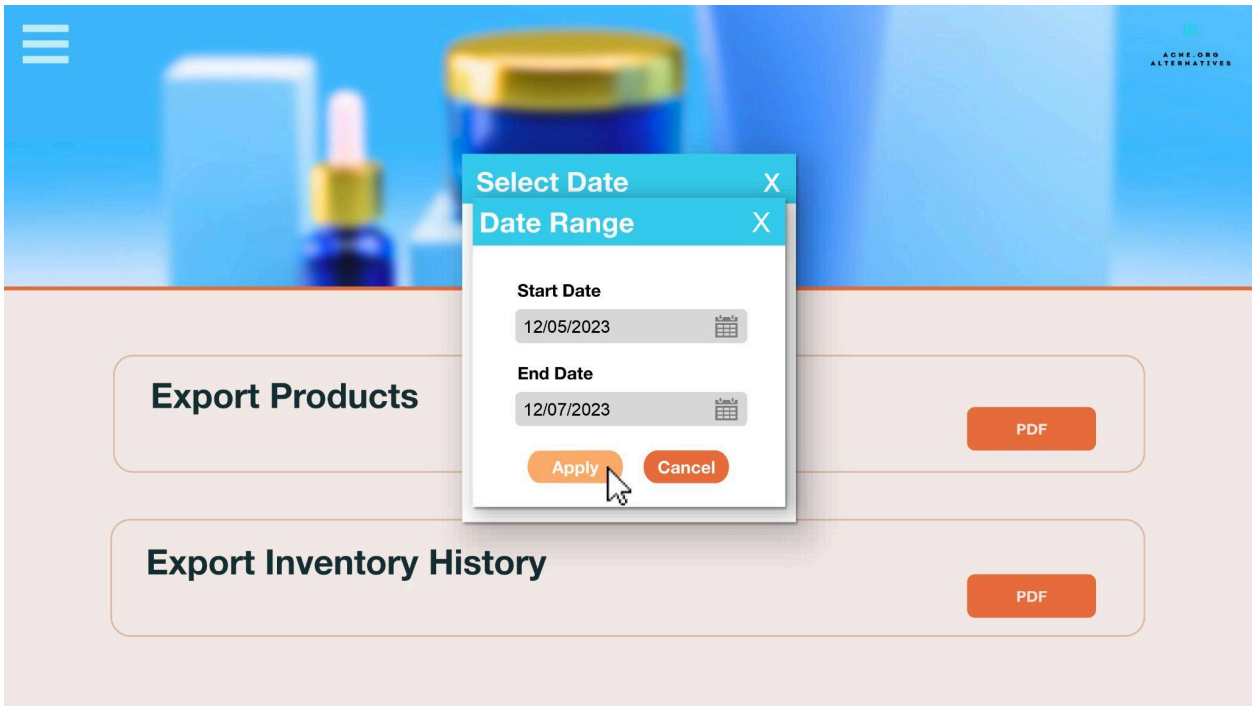
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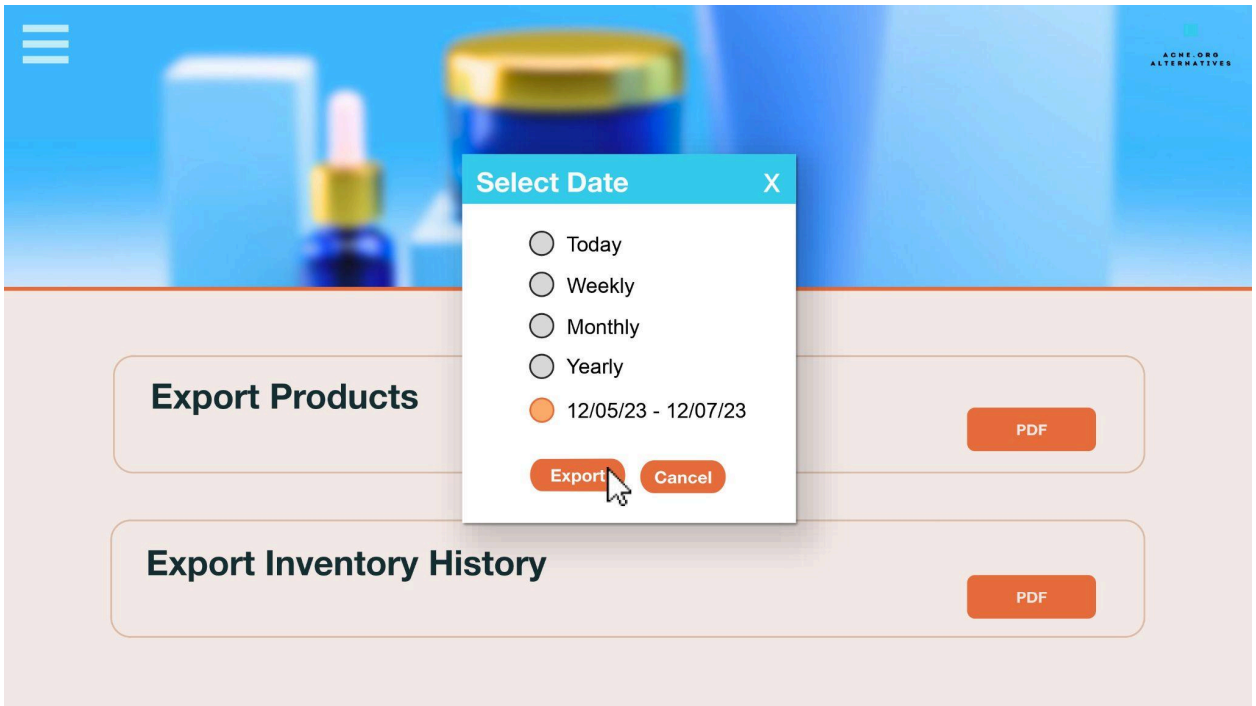
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Cancel
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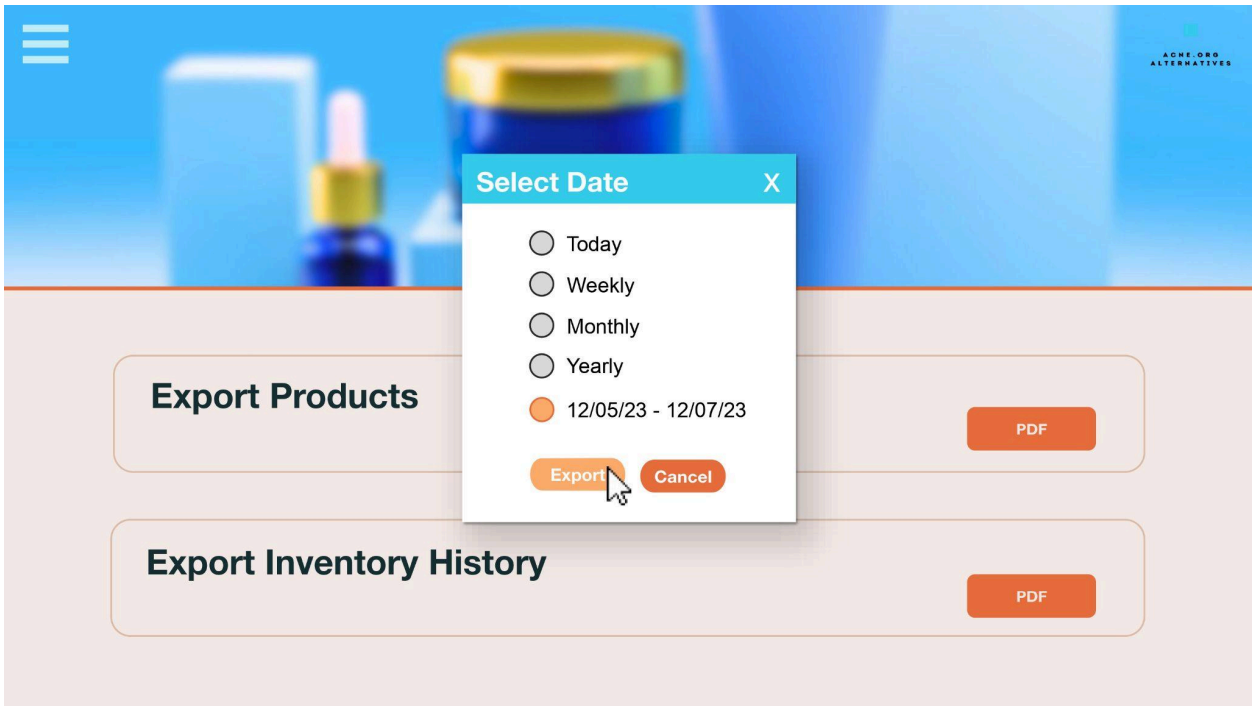
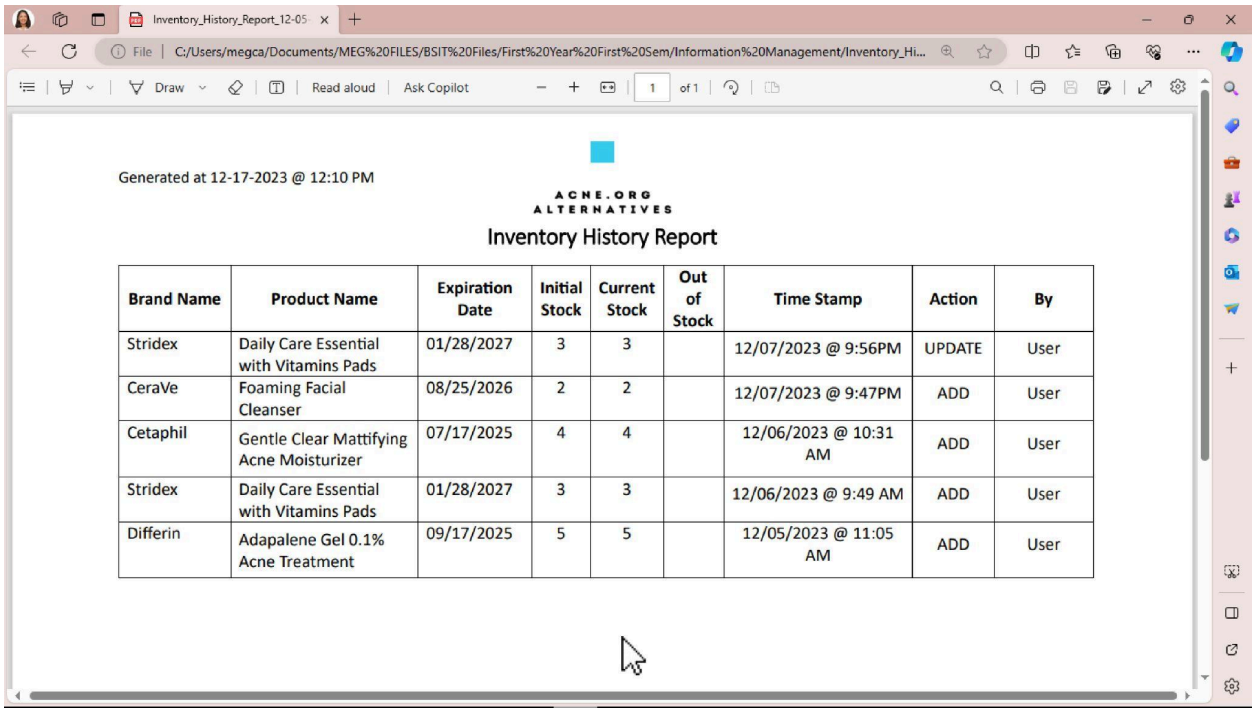
Export Inventory History
PDF



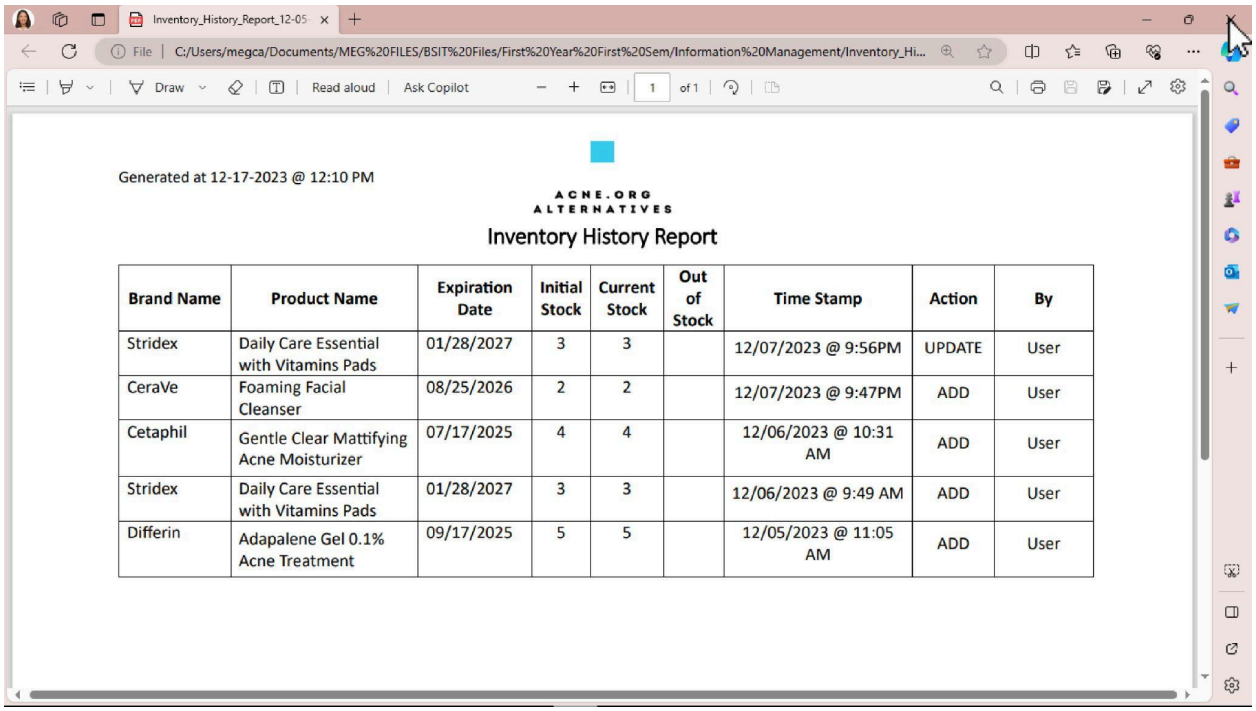


Generated at 12-17-2023 @ 12:10 PM

ACNE.ORG ALTERNATIVES

Inventory History Report

Brand Name	Product Name	Expiration Date	Initial Stock	Current Stock	Out of Stock	Time Stamp	Action	By
Stridex	Daily Care Essential with Vitamins Pads	01/28/2027	3	3		12/07/2023 @ 9:56PM	UPDATE	User
CeraVe	Foaming Facial Cleanser	08/25/2026	2	2		12/07/2023 @ 9:47PM	ADD	User
Cetaphil	Gentle Clear Mattifying Acne Moisturizer	07/17/2025	4	4		12/06/2023 @ 10:31 AM	ADD	User
Stridex	Daily Care Essential with Vitamins Pads	01/28/2027	3	3		12/06/2023 @ 9:49 AM	ADD	User
Differin	Adapalene Gel 0.1% Acne Treatment	09/17/2025	5	5		12/05/2023 @ 11:05 AM	ADD	User



Generated at 12-17-2023 @ 12:10 PM

ACNE.ORG ALTERNATIVES

Inventory History Report

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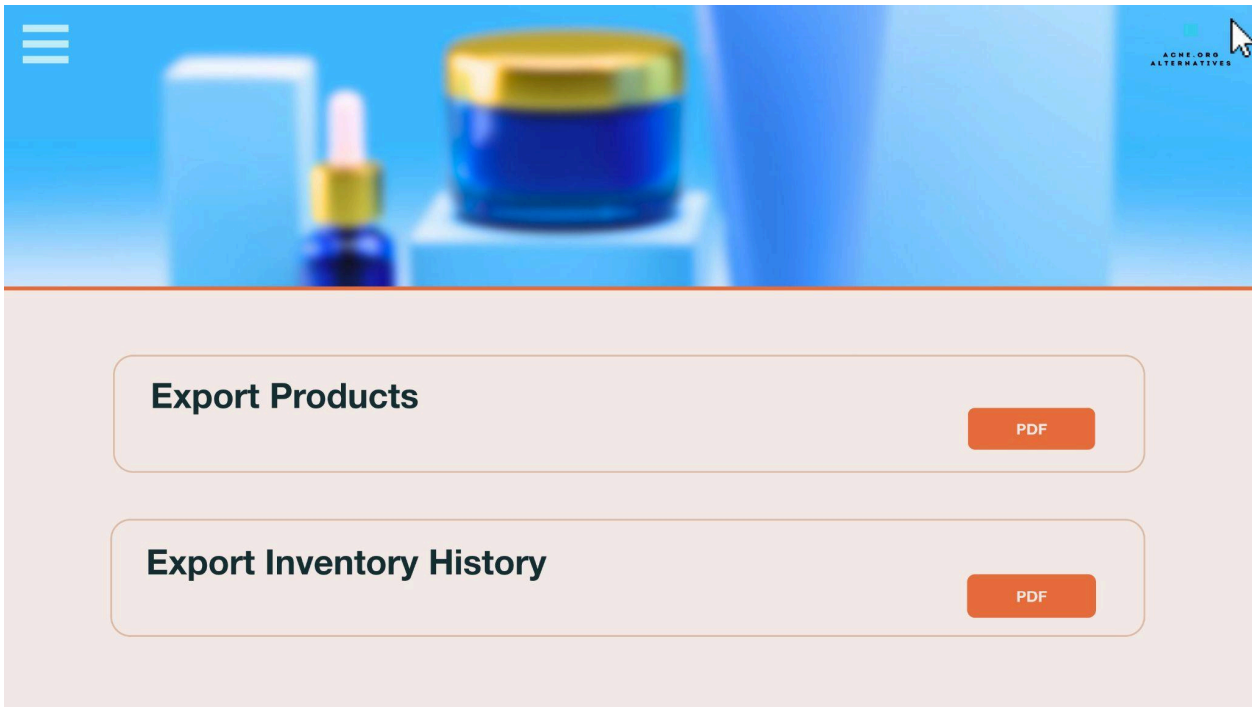
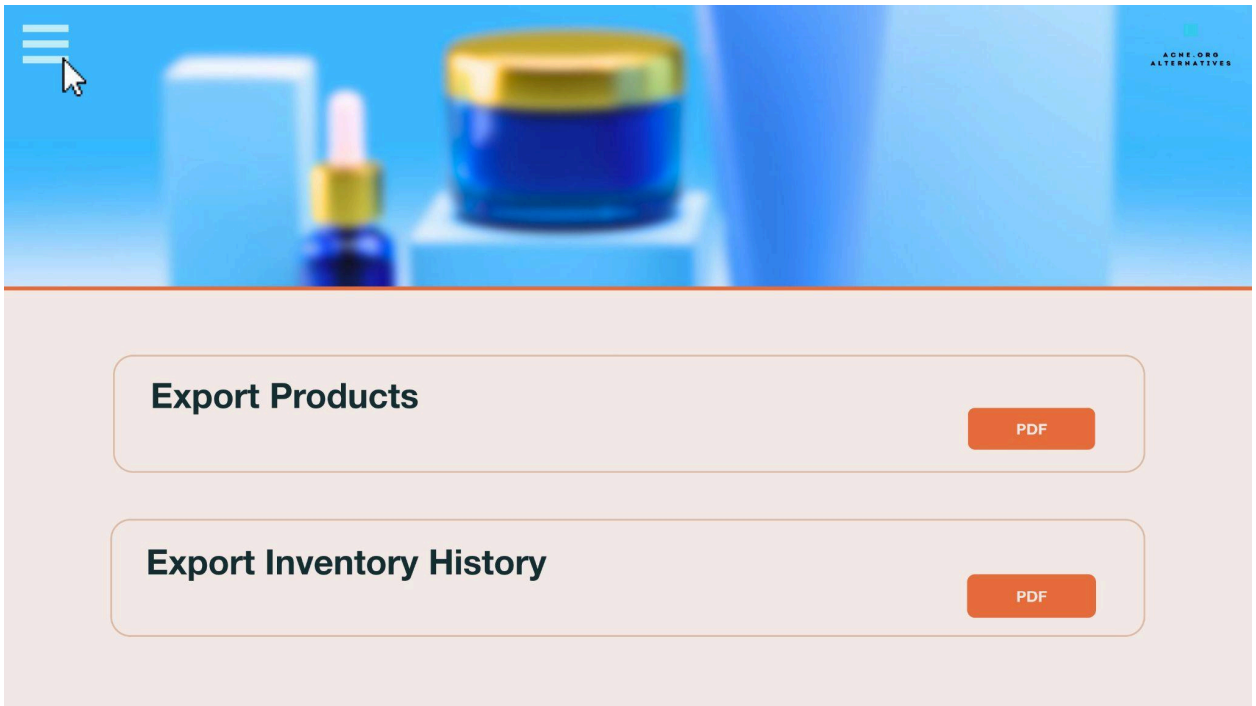
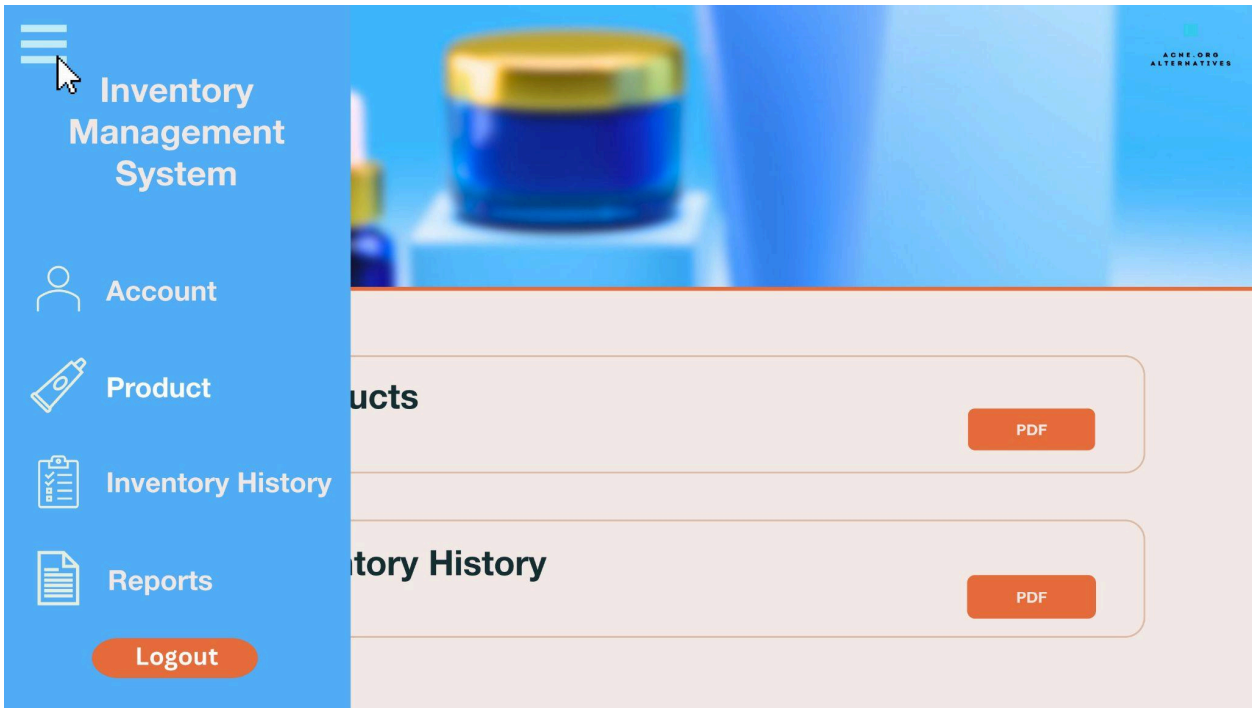
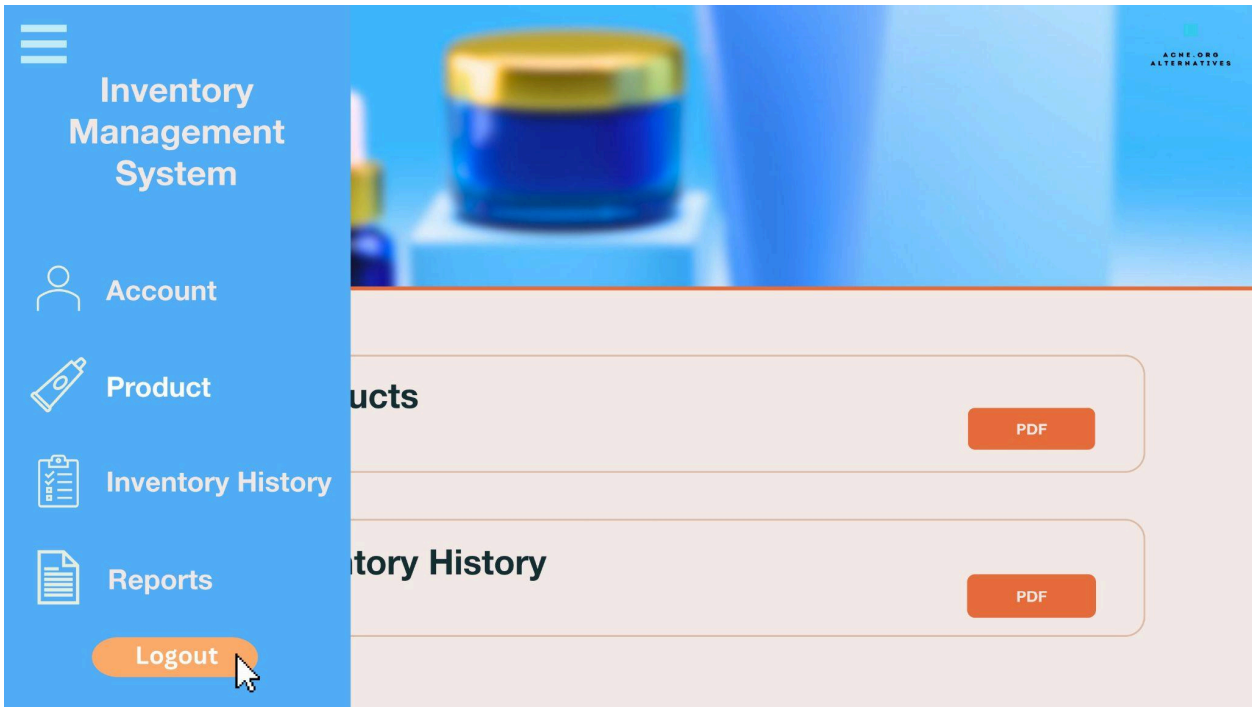
Differin	Adapalene Gel 0.1% Acne Treatment	09/17/2025	5	5		12/05/2023 @ 11:05 AM	ADD	User

Back to the reports section, by clicking on the export inventory history button, the user will be prompted to select a date (today, weekly, monthly, yearly, or a custom date range). The user selects the custom date range option which lets you pick from a range of dates (e.g. from 12/05/23 to 12/07/23) and then generate a report and display the inventory history of the products during the specified date range.


ACNE.ORG
ALTERNATIVES
Export Products
PDF
Export Inventory History
PDF


ACNE.ORG
ALTERNATIVES
Export Products
PDF
Export Inventory History
PDF


Inventory Management System
Account
Product
Inventory History
Reports
Logout
ucts
PDF
tory History
PDF



Lastly, the user may go back to the login page by clicking on the three horizontal bar icons and clicking the logout button.