

Boxinator

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User manual



Boxinator is a collaborative full-stack development project designed to revolutionise logistics management for a fictional logistics company. This project aims to create an end-to-end solution that streamlines the company's shipping and tracking processes while fostering a collaborative environment for both back-end and front-end developers. Developed using .NET for the back-end and incorporating UX/UI principles for the front-end developed with the Angular framework, Boxinator gives participants valuable experience in multiple areas of software development.

<https://boxinator-front-end.vercel.app/>

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TABLE OF CONTENTS

User manual

Overview

Getting started

Getting started for Admins

Definitions

- Box types
 - Shipment statuses
-

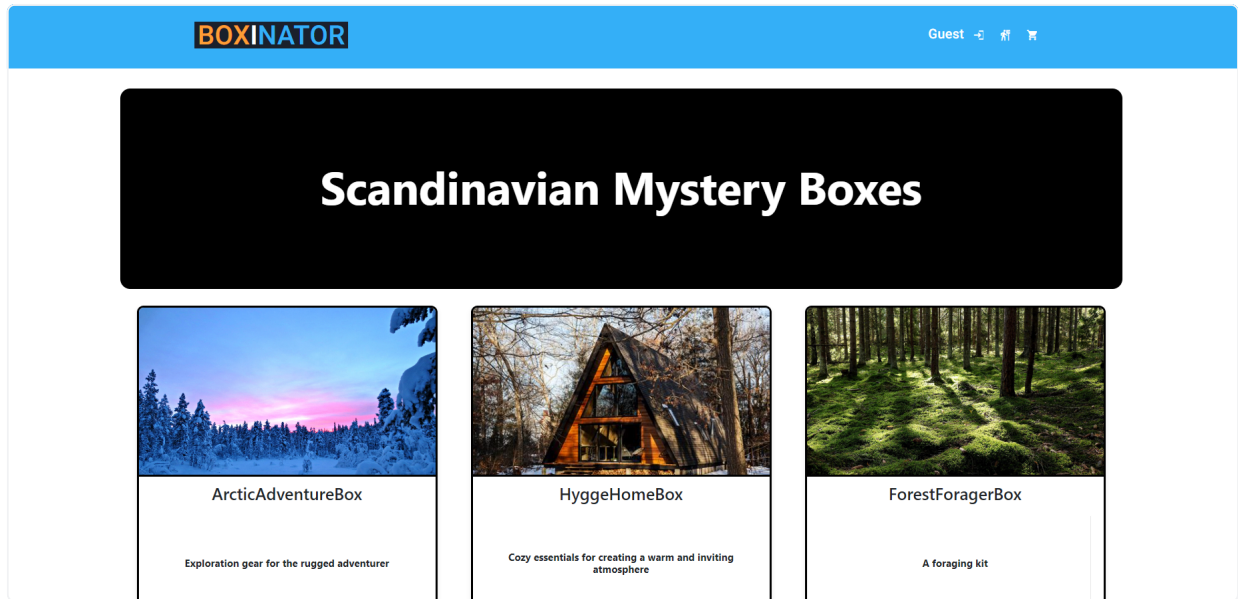
Overview

As a curious customer, you start by browsing the captivating assortment of mystery boxes on the marketplace's website. Thanks to Boxinator, the ordering process is a breeze. The software offers an intuitive interface that allows you to choose your preferred mystery box, enter shipping details, and seamlessly complete your purchase.

Boxinator is not just about shipping; it's also about ensuring that each box's contents are protected and presented beautifully. The software intelligently calculates the optimal packaging size for the chosen mystery box, minimizing waste and ensuring that every item is snugly nestled for its journey.

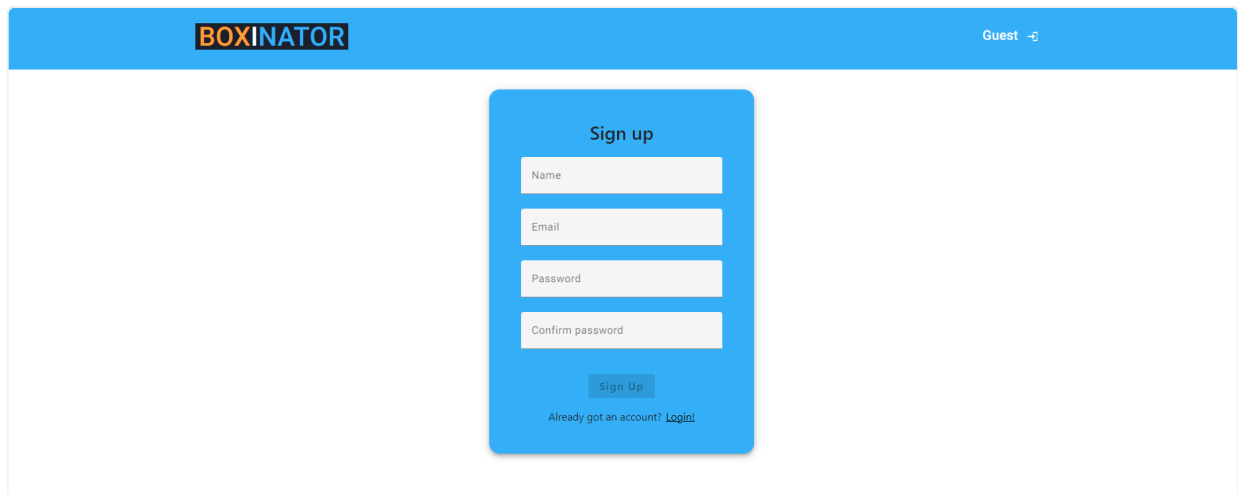
Once your order is placed, Boxinator springs into action. It collaborates with various shipping carriers to find the quickest and most cost-effective route from Scandinavia to your location. It handles all the logistics intricacies, including customs declarations and tracking information so you can follow your box's adventure through your dashboard. You only need to pay a flat rate based on the destination country.

Getting started



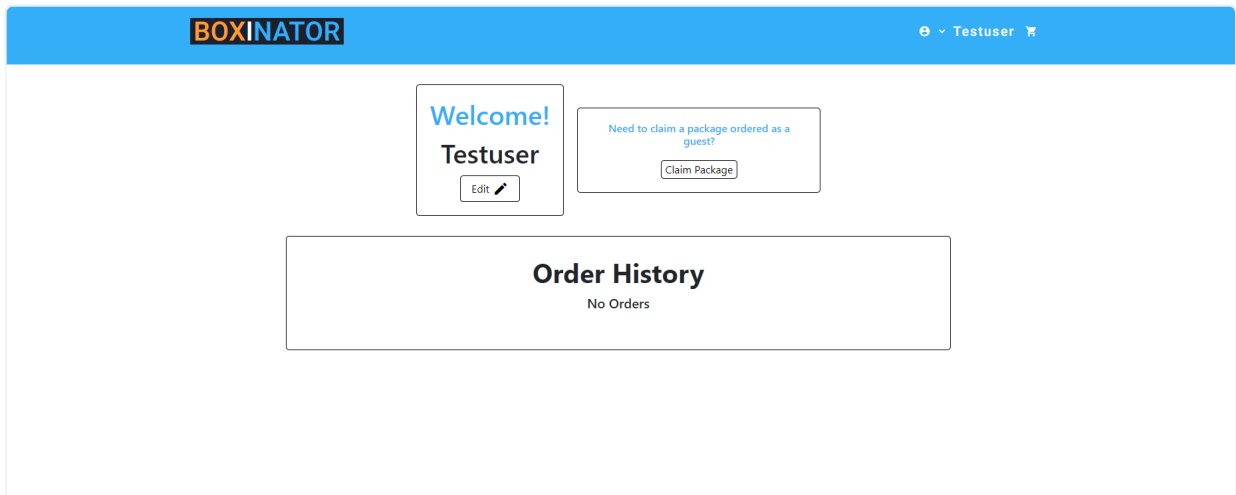
Homepage

The application can be utilized either as a default "Guest" user or an registered "User" as well as an "Admin" type of user. To register an user navigate to the register page from the top-menu.



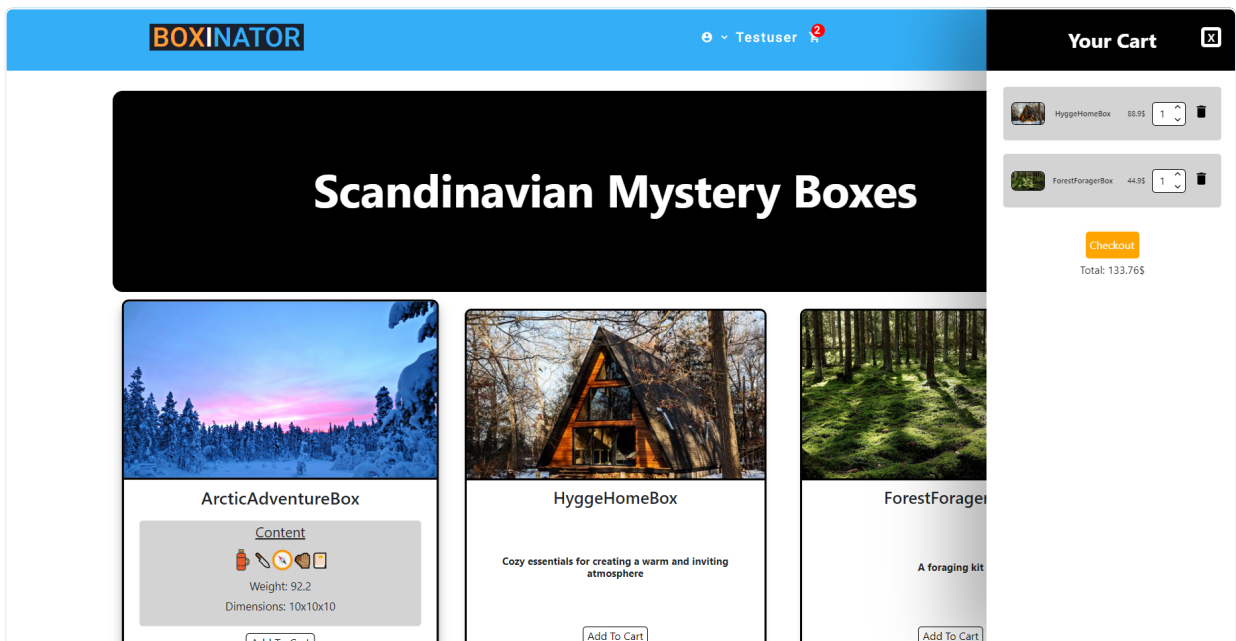
Sign-up page

Enter user details and press Sign Up or login as an already registered user. When registered, a user will have access to the User profile page where user details can be modified, shipment history can be seen, and shipments can be claimed.



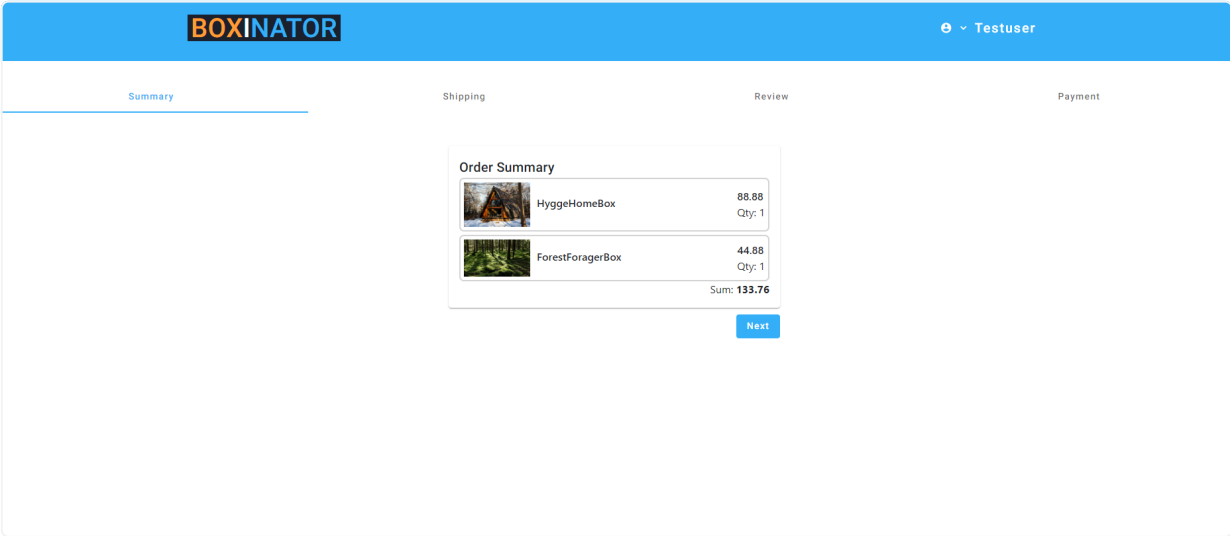
User-profile page

Placing an order is as simple as pressing the add to cart button for the preferred mystery box and the total price will be automatically calculated including shipping costs in the later steps of the process.



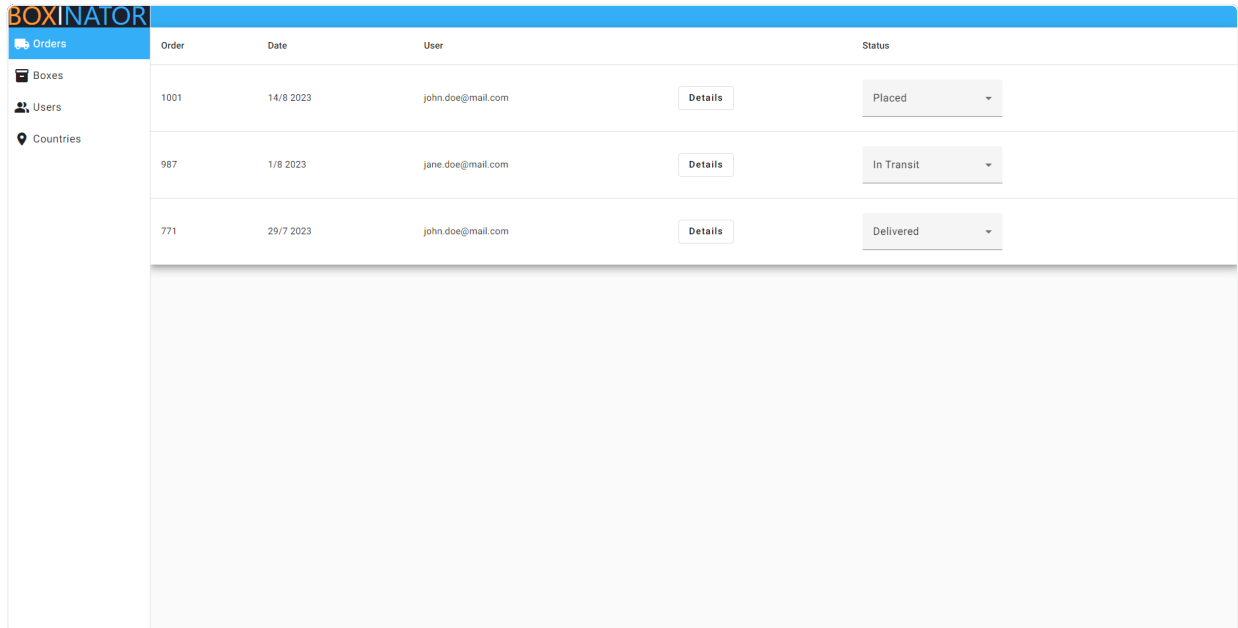
Add to cart

Review your order in three-steps, add som additional information such as gift message or instructions for delivery. Finalize in the fourth step with payment. Everything delivered in an easy to use interface.



Check out page

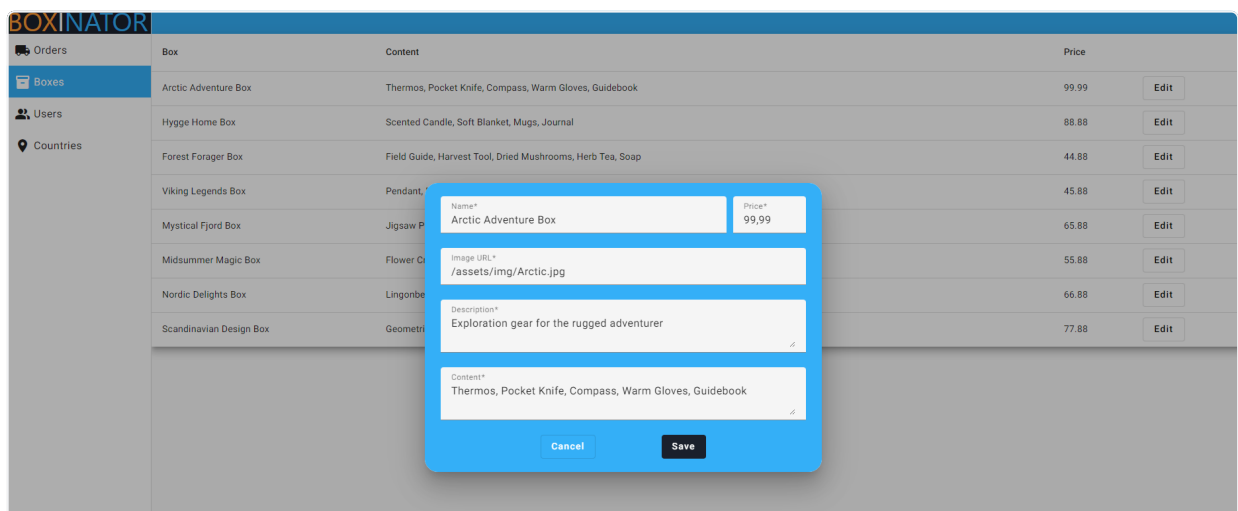
Getting started for Admins



Order	Date	User	Status
1001	14/8 2023	john.doe@mail.com	Placed
987	1/8 2023	jane.doe@mail.com	In Transit
771	29/7 2023	john.doe@mail.com	Delivered

The admin shipment page

Admins have the possibility to see more details about shipments and modify their status by using the drop-down selection.



Box	Content	Price
Arctic Adventure Box	Thermos, Pocket Knife, Compass, Warm Gloves, Guidebook	99.99
Hygge Home Box	Scented Candle, Soft Blanket, Mugs, Journal	88.88
Forest Forager Box	Field Guide, Harvest Tool, Dried Mushrooms, Herb Tea, Soap	44.88
Viking Legends Box	Pendant, ...	45.88
Mystical Fjord Box	Jigsaw P...	65.88
Midsummer Magic Box	Flower C...	55.88
Nordic Delights Box	Lingonbe...	66.88
Scandinavian Design Box	Geometri...	77.88

The admin boxes page

Boxes can be edited as well as their properties by admin users.

BOXINATOR			
Orders	Name	Mail	
Boxes	John Doe	john.doe@mail.com	Deactivate Delete
Users	Jane Doe	jane.doe@mail.com	Activate Delete
Countries			

The admin user page

Admin can activate/deactivate users or delete them. This will not delete the records from the database however, a soft deletion will occur.

BOXINATOR	
<div>Orders</div> <div>Boxes</div> <div>Users</div> <div>Countries</div>	<div>Scandinavian Countries</div> <div> <div>Rate*</div> <div>5</div> <div>Save</div> </div> <div>Other Countries</div> <div> <div>Select country</div> <div>Rate*</div> <div>Save</div> </div>

The admin country page

Admin can also set a shipping rate for a specific country or set the rate for Scandinavia as a region.

Definitions

Box types

Nordic Delights Box

- Contents: Gourmet Scandinavian treats such as lingonberry preserves, crispbread, smoked salmon, cloudberry jam, and artisan chocolates.
- Surprise Element: A traditional Scandinavian recipe card or a unique Nordic kitchen gadget.

Viking Legends Box

- Contents: Items inspired by Viking history and mythology, like a Thor's hammer pendant, rune stone coasters, a mead-making kit, and a historical novel set in the Viking age.
- Surprise Element: A mini book of Viking sagas or a hand-carved Viking figurine.

Hygge Home Box

- Contents: Cozy essentials for creating a warm and inviting atmosphere, such as scented candles, soft blankets, mugs for hot beverages, and a journal for mindfulness.
- Surprise Element: A sachet of traditional Nordic mulled spice mix or a hygge-inspired playlist.

Scandinavian Design Box

- Contents: Chic home decor items that showcase the minimalist elegance of Scandinavian design, like geometric planters, wooden utensils, sleek desk accessories, and abstract art prints.
- Surprise Element: A profile of a renowned Scandinavian designer or a guide to incorporating Scandinavian design principles into one's living space.

Midsummer Magic Box

- Contents: Celebrate the enchanting Swedish Midsummer festival with items like flower crowns, berry-infused teas, floral-scented skincare products, and a Maypole dance guide.
- Surprise Element: A packet of wildflower seeds or a playlist of traditional Midsummer songs.

Arctic Adventure Box

- Contents: Exploration gear for the rugged adventurer, including a thermos, pocket knife, compass, warm gloves, and a guidebook to Arctic wildlife.
- Surprise Element: A collection of stunning Northern Lights photographs or a video message from a Scandinavian adventurer.

Forest Forager Box

- Contents: A foraging kit complete with a field guide, sustainable harvesting tools, dried wild mushrooms, herbal teas, and handmade botanical soaps.
- Surprise Element: A personalized note from a Scandinavian foraging expert or a DIY recipe for a wild edible dish.

Mystical Fjord Box

- Contents: Items inspired by the mystery of Scandinavian fjords, such as a fjord-themed jigsaw puzzle, crystal-infused bath salts, a book of Nordic myths, and a fjord landscape art print.
 - Surprise Element: A mini crystal or gemstone associated with Norse folklore or a handwritten riddle to solve.
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Shipment statuses

- **Order Placed:** The initial state indicates that the order has been successfully placed by the customer.
- **Order Processing:** The order is being reviewed and prepared for shipment by the fulfilment team.
- **Order Cancelled:** The order can be cancelled if the status is “Order Placed” or “Order Processing”.
- **Packing:** The items in the order are being gathered and packaged for shipment.
- **Shipped:** The package has been handed over to the shipping carrier and is en route to the destination.
- **In Transit:** The package is currently in transit, moving from the origin to the destination.
- **Out for Delivery:** The package has arrived in the destination city and is out for final delivery to the recipient.
- **Delivered:** The package has been successfully delivered to the recipient.
- **Attempted Delivery:** The carrier attempted to deliver the package but was unsuccessful. This could be due to the recipient not being available or the address being incorrect.
- **Lost in Transit:** The package’s whereabouts are unknown, and it hasn’t reached its destination within the expected time frame.
- **Delayed:** The package’s delivery is delayed for some reason, which could be due to weather conditions, carrier disruptions, or other unforeseen circumstances.
- **Exception:** There is an issue with the shipment that requires attention, such as damage to the package, address issues, or other anomalies.