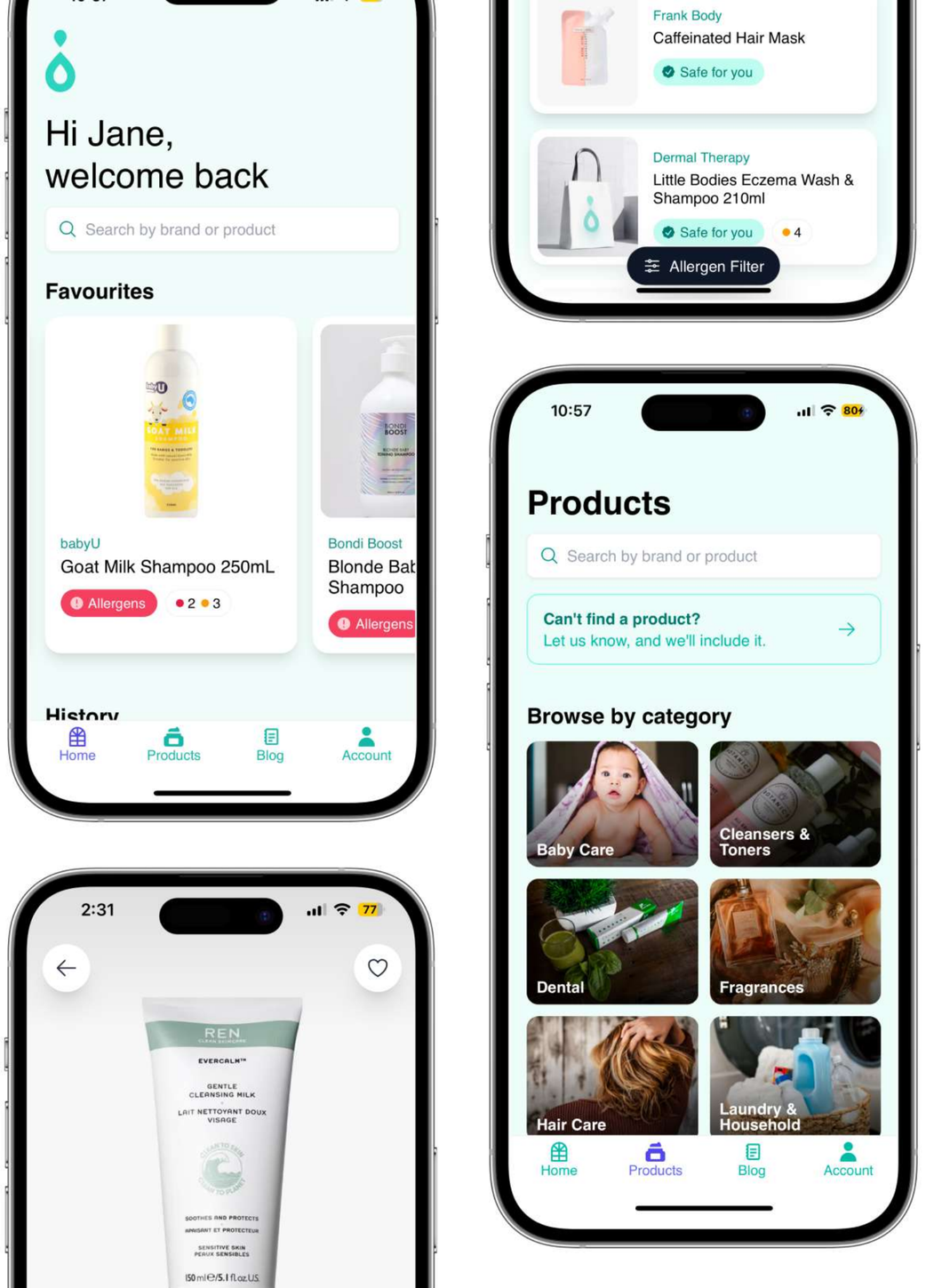
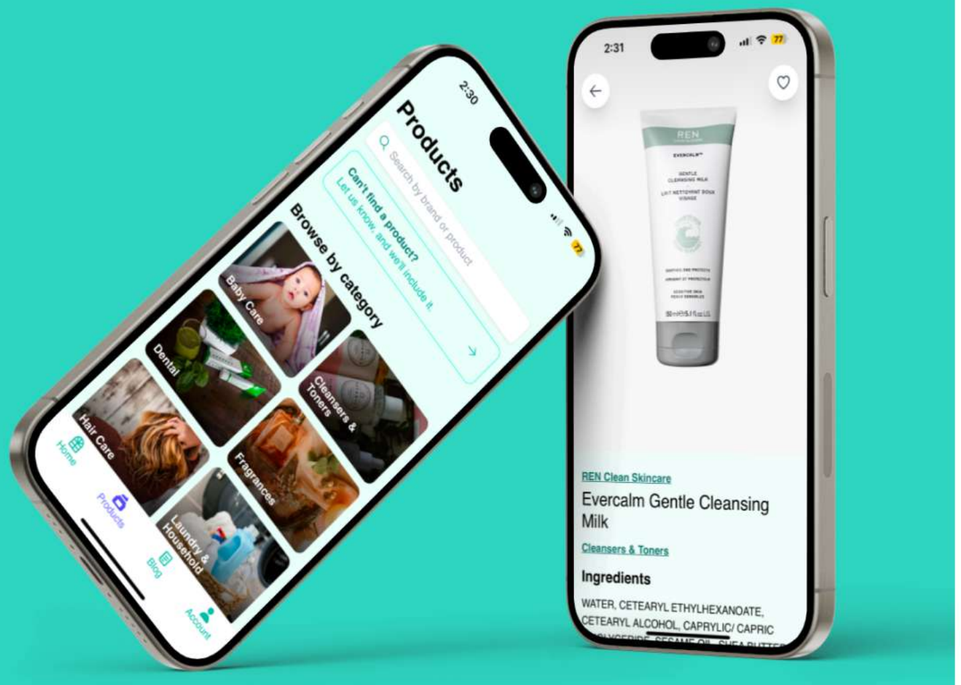
COSME

A Rescue Project for Health Product Enthusiasts Case Study

Designed by JHAVTECH STUDIOS



Our client, a dynamic young entrepreneur, envisioned creating an innovative mobile application, CosMe App, the ultimate platform for health-related products. The app offers a seamless user experience to search, explore, and shop for health and wellness products tailored to individual needs.



Project Requirements

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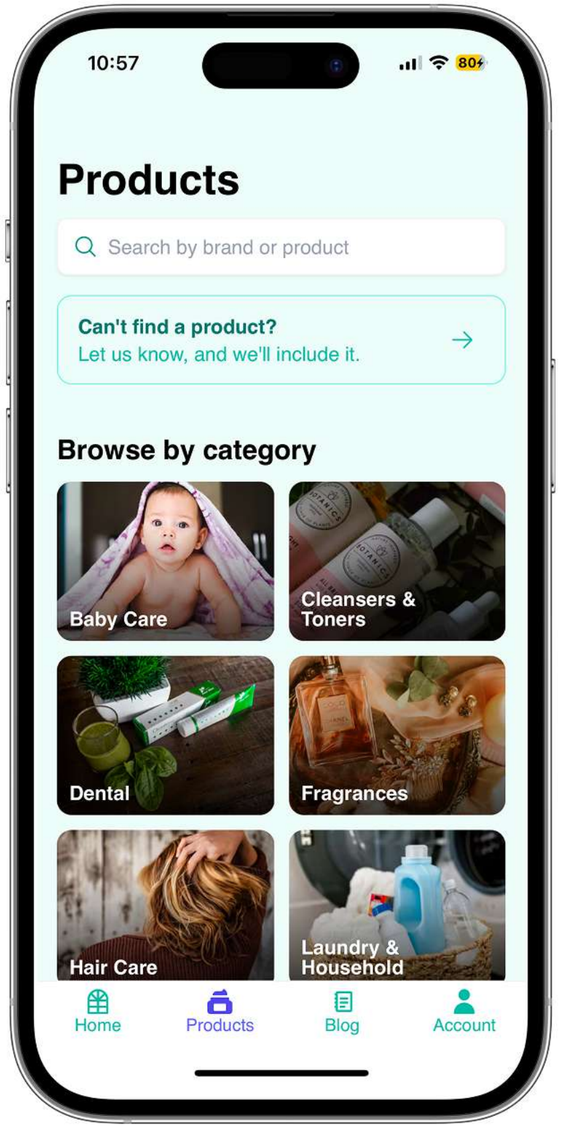


Category-Based Product Search

Users can browse products through well-organized categories or conduct specific searches.

Custom Allergen Profiles

Create personalized allergen profiles to receive product recommendations aligned with individual sensitivities.

Favorites List

Save preferred products for quick and easy access in the future.

Subscription Plans

Ensure premium features, such as detailed product views and allergen filtering, are available through in-app subscriptions.

Comprehensive Product Details

Access detailed product information, including ingredients, allergen warnings, and customer reviews.

Our Solution

1

User-Friendly App Design

Delivered an intuitive interface for seamless product browsing and searching.

2

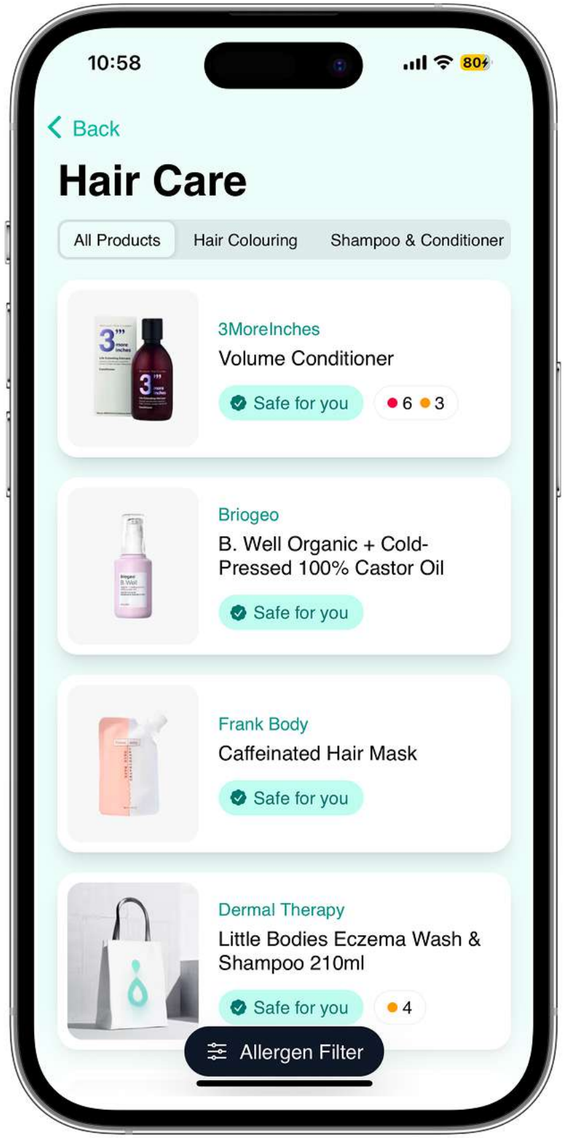
Subscription Integration

Added auto-renewable subscription plans, including a free trial feature.

3

Content Accessibility

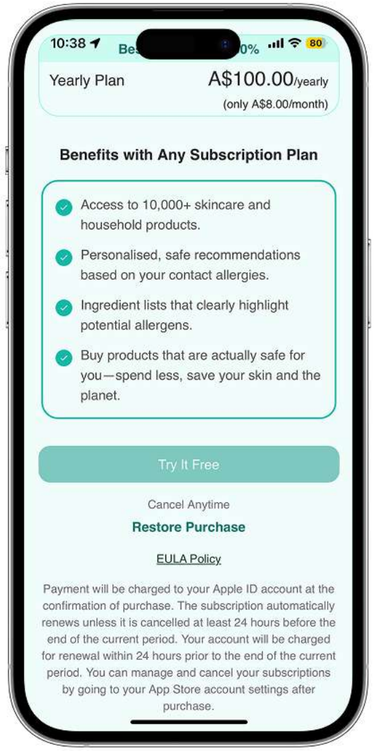
Integrated a blog page for users to stay updated with the latest health and wellness articles.



Features We Integrated

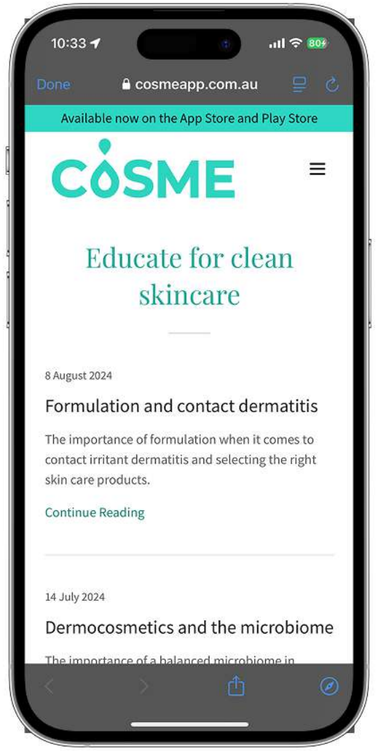
In-App Subscriptions

Enabled auto-renewable subscription plans for exclusive features and content.



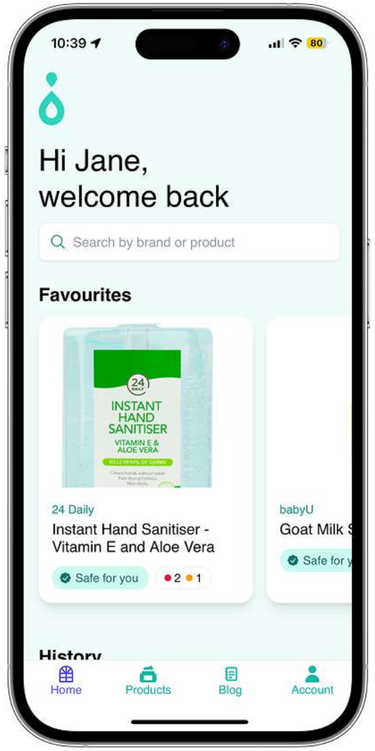
Blog Module

Developed a blog page for informative articles, enhancing user engagement.



REST API Integration

Implemented REST APIs to fetch and display dynamic data efficiently.



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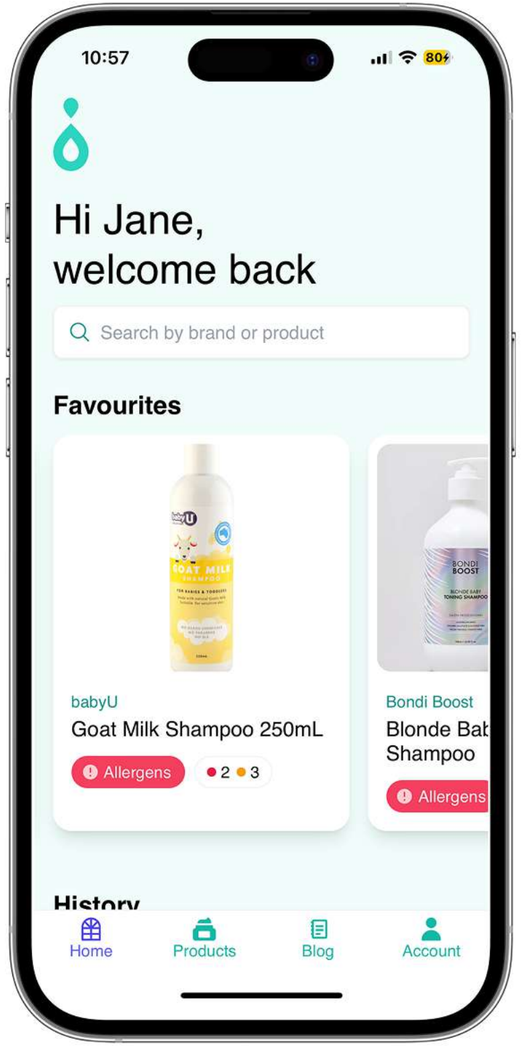
Development Process



Mobile App Development (iOS and Android)

1. Assigned the project to a mobile app developer with over 8 years of expertise.
2. Followed a clear design and adhered to well-defined client requirements.
3. Successfully completed the mobile application development within **1 month.**
4. Utilized the provided source code to seamlessly integrate new features.

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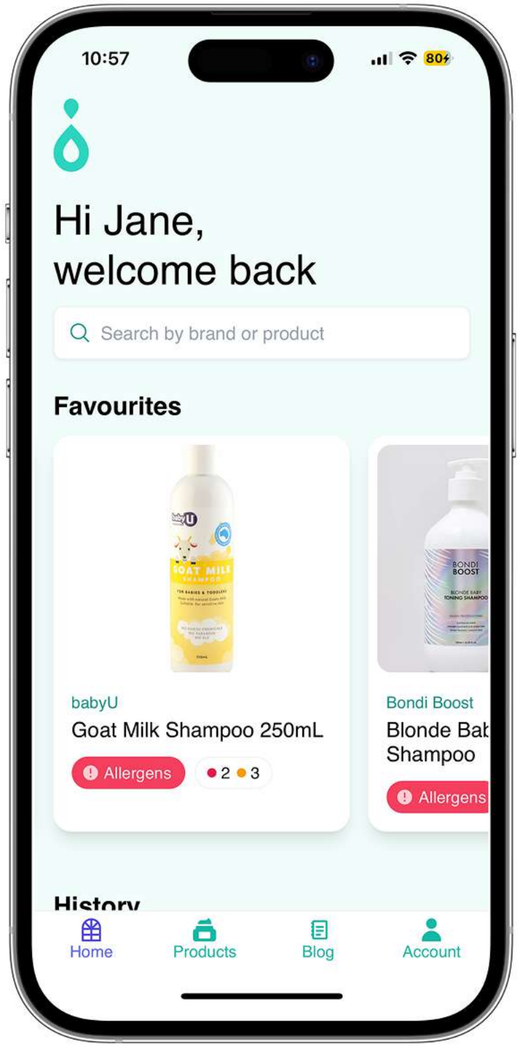
Admin Panel Development & API Web Services

1. Engaged a full-stack developer with 5 years of experience to enhance the admin panel and API web services.

2. Upgraded the existing admin panel using technologies such as **Directus** and **Supabase DB**.

3. Ensured the admin panel aligned with the app's look and feel for a consistent user experience.

4. Completed the enhancements and upgrades within **3 weeks.**



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Technology Stack

Mobile Development

Ionic with NuxtJS and Capacitor

Search Engine

Algolia for product search

CMS

Directus

Tools

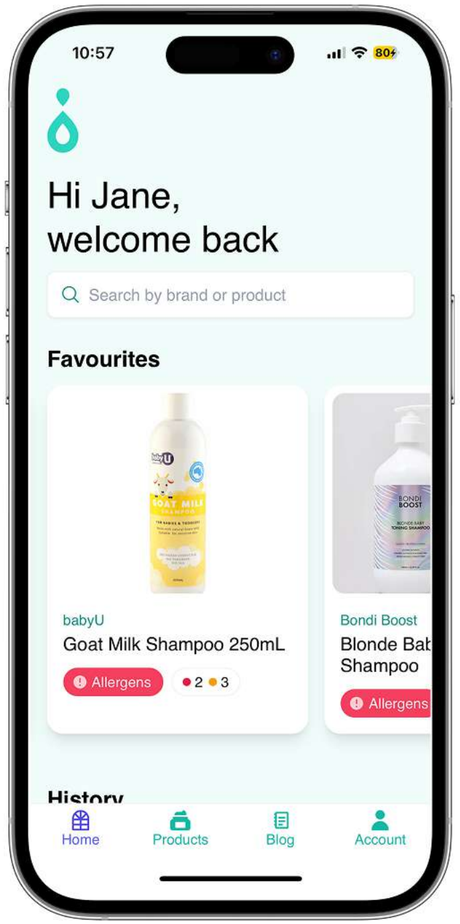
VS Code, Xcode, Android Studio

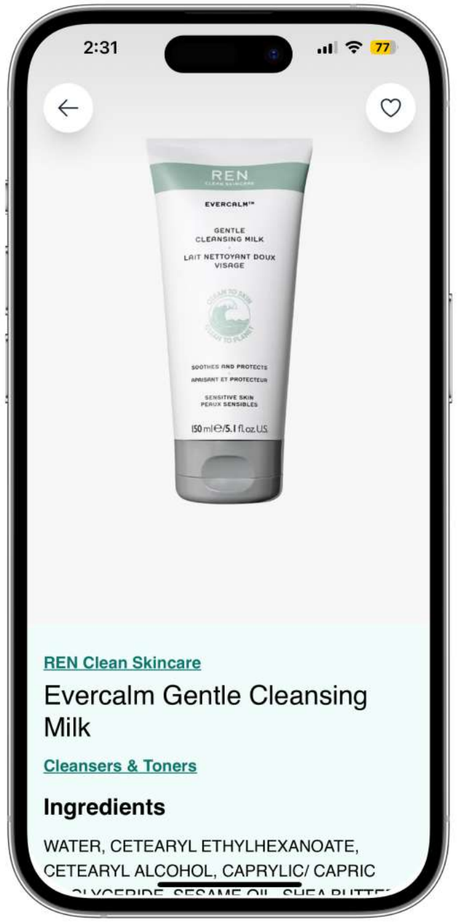
Database

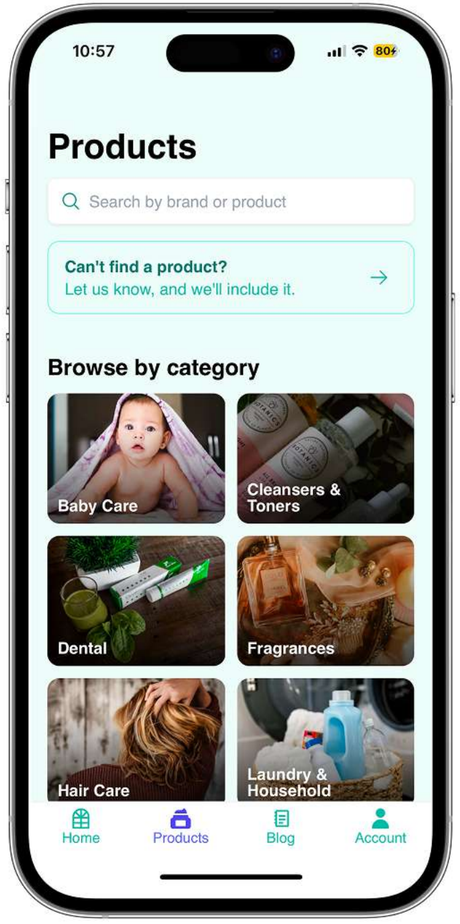
Supabase DB

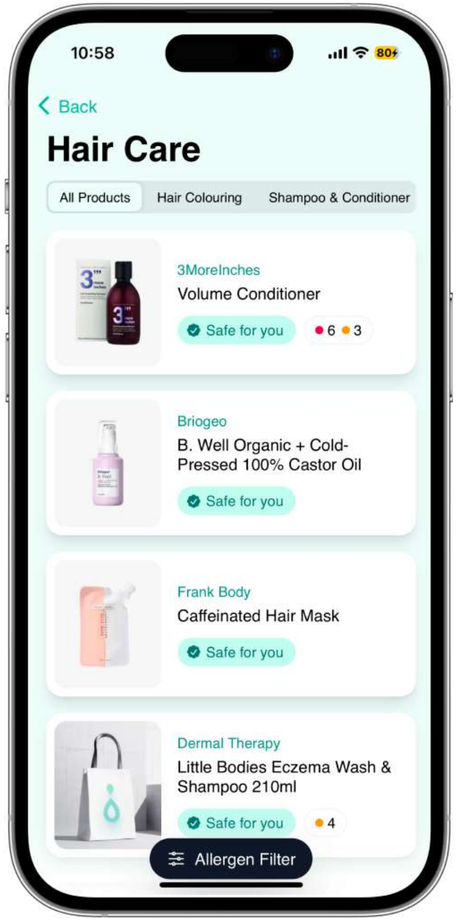
COSME

UI Screens

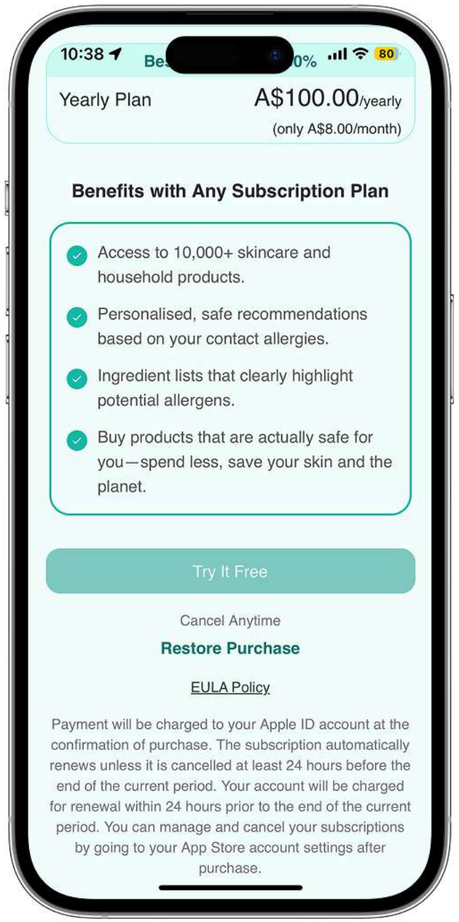








UI Screens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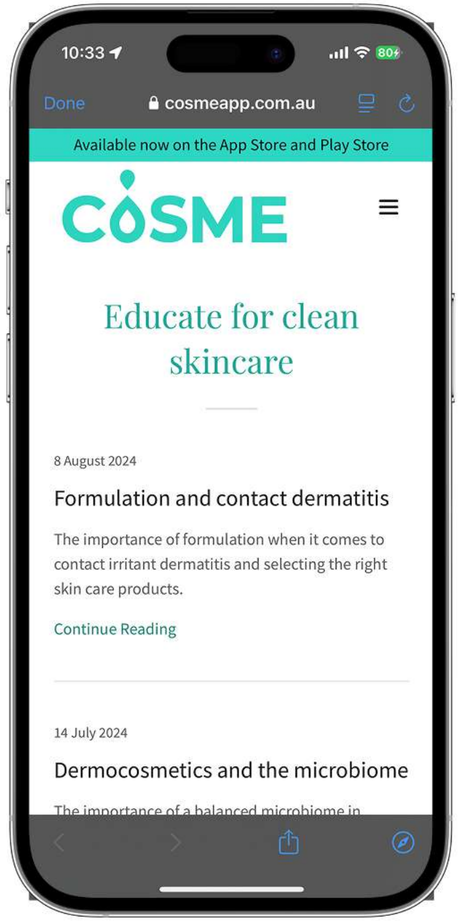
Yearly Plan
A$100.00/yearly
(only A$8.00/month)
Benefits with Any Subscription Plan
Access to 10,000+ skincare and household products.
Personalised, safe recommendations based on your contact allergies.
Ingredient lists that clearly highlight potential allergens.
Buy products that are actually safe for you—spend less, save your skin and the planet.
Try It Free
Cancel Anytime
Restore Purchase
EULA Policy
Payment will be charged to your Apple ID account at the confirmation of purchase. The subscription automatically renews unless it is cancelled at least 24 hours before the end of the current period. Your account will be charged for renewal within 24 hours prior to the end of the current period. You can manage and cancel your subscriptions by going to your App Store account settings after purchase.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The importance of formulation when it comes to contact irritant dermatitis and selecting the right skin care products.
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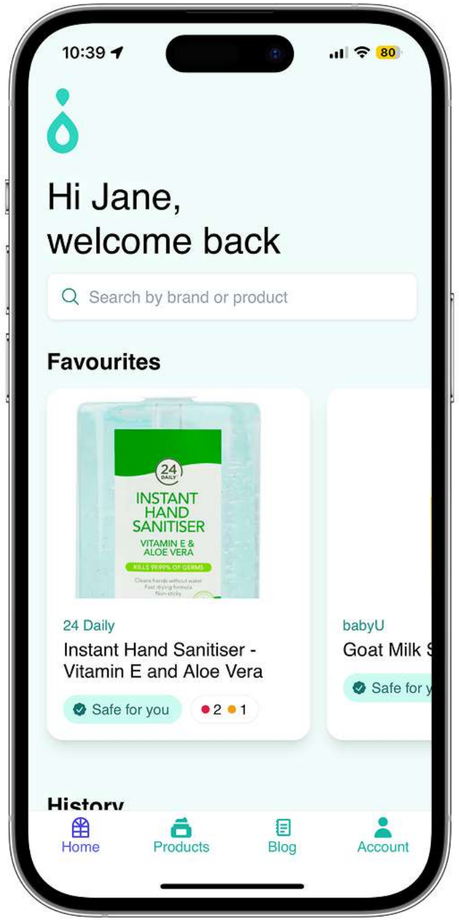
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Hi Jane,
welcome back
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Products
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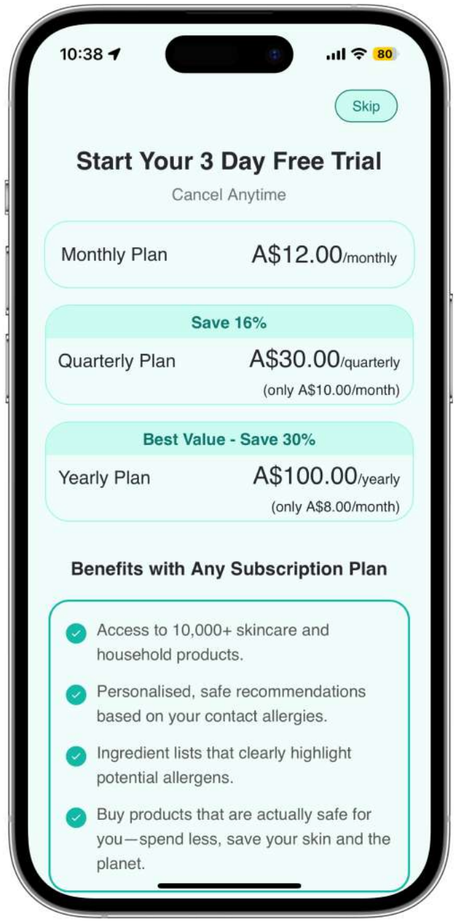
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Skip
Start Your 3 Day Free Trial
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Monthly Plan
A$12.00/monthly
Save 16%
Quarterly Plan
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Best Value - Save 30%
Yearly Plan
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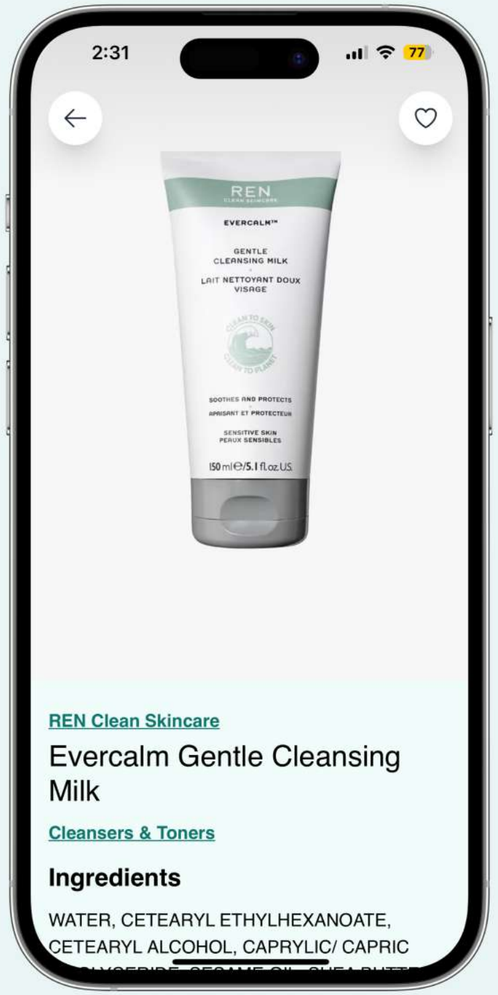
Benefits with Any Subscription Plan
Access to 10,000+ skincare and household products.
Personalised, safe recommendations based on your contact allergies.
Ingredient lists that clearly highlight potential allergens.
Buy products that are actually safe for you—spend less, save your skin and the planet.

Conclusion

The CosMe App project showcases our ability to deliver cutting-edge mobile applications within tight deadlines. By addressing specific client requirements and incorporating robust features, we transformed the app into a reliable platform for health-related product exploration. The collaboration highlights our expertise in app development and our commitment to empowering clients with user-centric, scalable, and secure solutions.



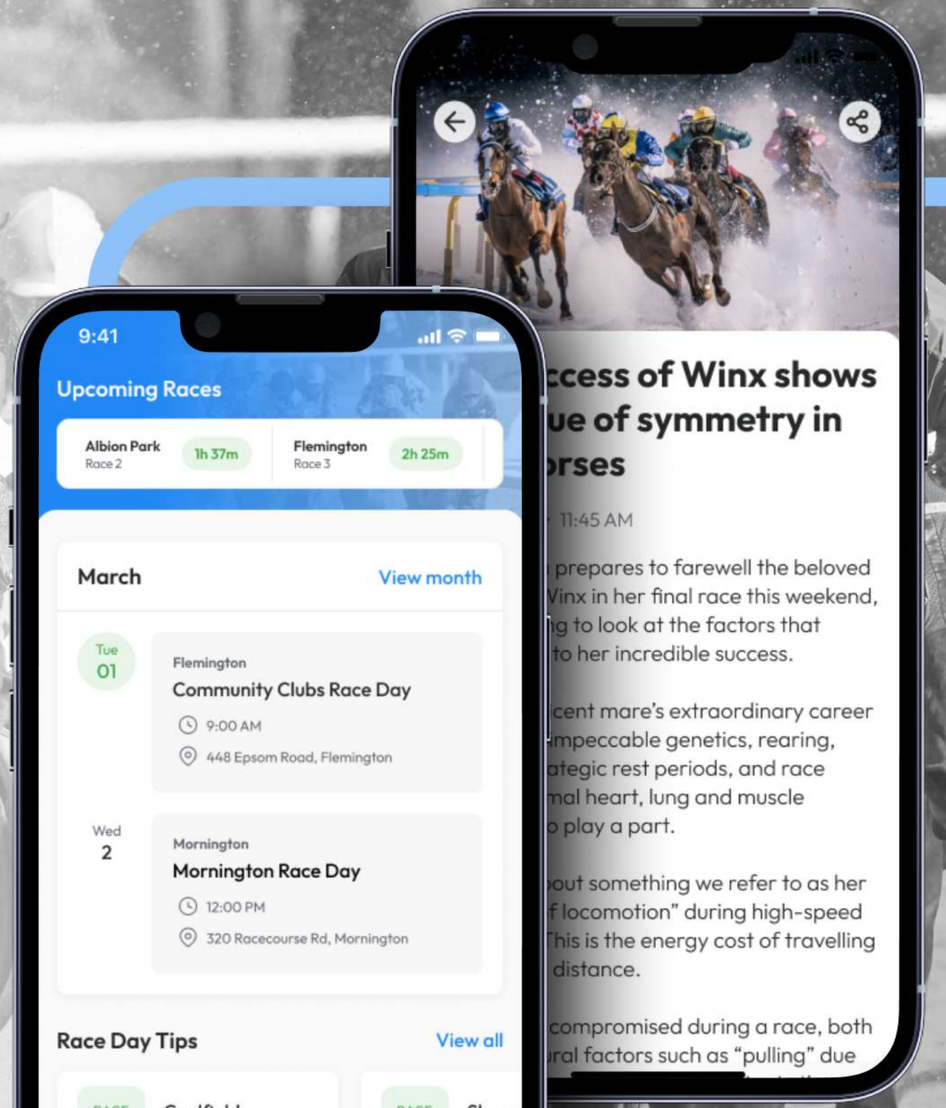
JHAVTECH STUDIOS

+61 480 032 529

contact@jhavtech.com.au

The Sixth Day Racing

Get Race Day Tips, Calendar & Articles



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Project Requirements

The client, a young entrepreneur, envisioned "The Sixth Day Racing App" as the ultimate mobile destination for race enthusiasts. The app would provide users with:

Weekly Racing Tips

Expertly curated insights delivered every Saturday.

Comprehensive Racing Calendar

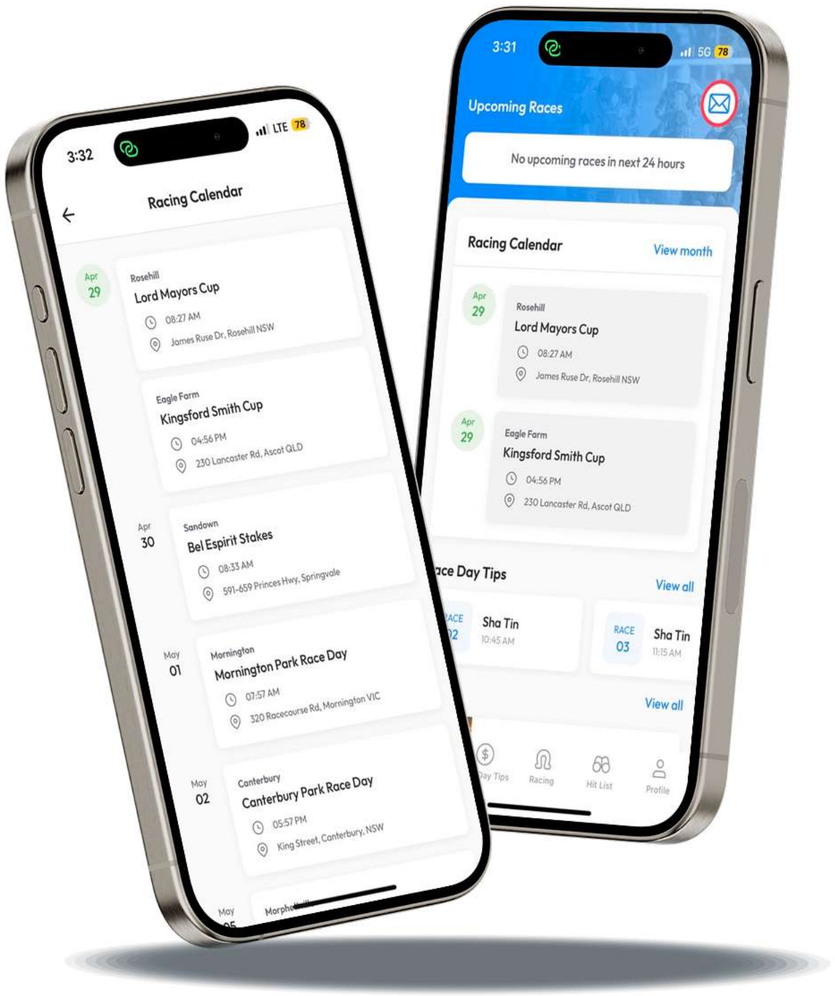
Access to upcoming races for the next month, allowing users to plan ahead.

Engaging Racing Articles

Informative articles covering the latest news and trends in the racing world.

Captivating Insights

Engaging stories and insights on horse racing, enriched with captivating images, to keep users informed and entertained.



Solution

Jhavtech Studios, with its expertise in subscription-based mobile applications, delivered a solution that met the client's requirements perfectly. Here's what we provided:

Native iPhone App: The app displays upcoming races within the next 24 hours, complete with a countdown timer for each race.

Enhanced Security: As per the client's request, the app features screenshot restrictions to protect sensitive information.

Engaging Push Notifications: Timely alerts inform users about race day tips, new articles, and exclusive insights.

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Design Process

Planning

Gathering project requirements and planning

Design

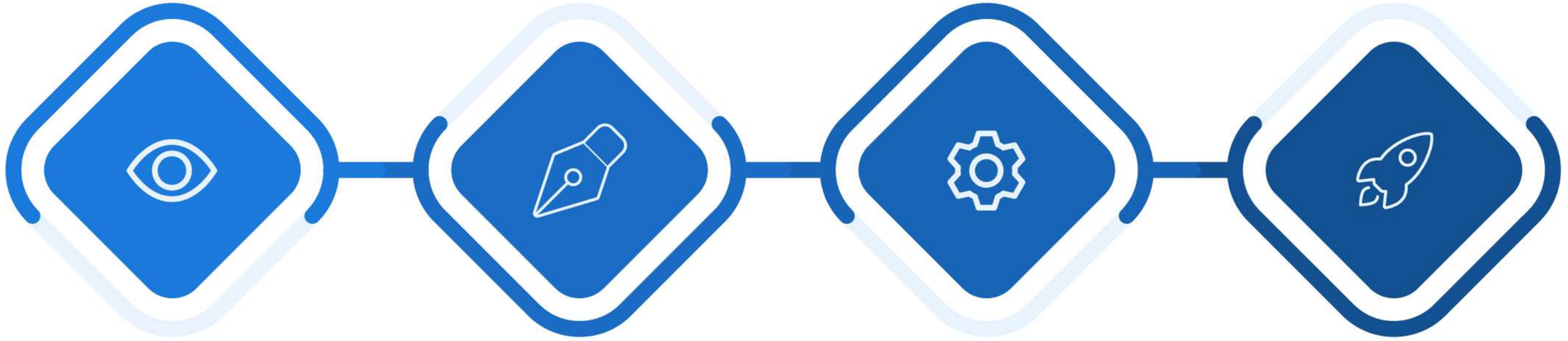
Studying given UI design for app

Development

Development of functionality and quality assurance

Deployment

Deployment and Maintenance



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Design Intervention

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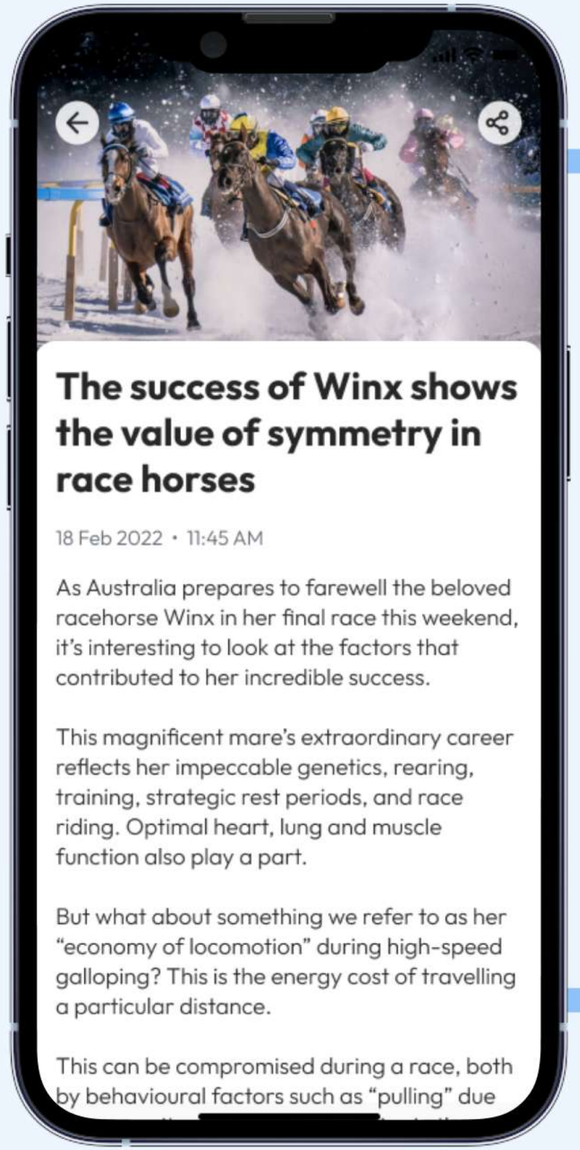

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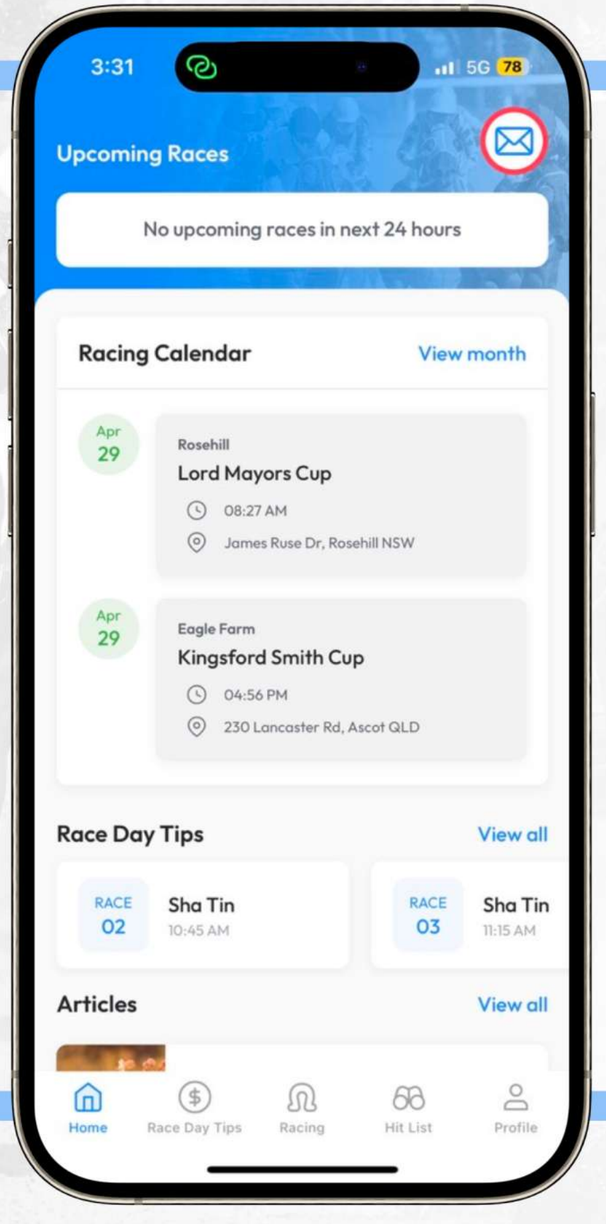

Development Process

An **experienced team** combined efforts to develop both the user-facing iPhone app and the admin panel with integrated APIs. This ensured efficient communication and a cohesive user experience.

Leveraging a pre-built theme compatible with the **MERN stack (MongoDB, Express.js, React.js, Node.js)** for the admin panel significantly accelerated development.

The developers prioritized a **consistent look and feel** across the entire application. This involved the iPhone app and the admin panel sharing a similar design language, promoting a **seamless user experience.**

The project benefited from **efficient development,** with both the mobile app and admin panel being completed within a timeframe of approximately 5-6 weeks.

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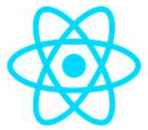
Technology Stack

React.js
Admin Panel



XCode
IDE

Swift
iOS Development

Node.js
API Web Services

MongoDB
Database

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Key Feature Intervention

REST API Integration

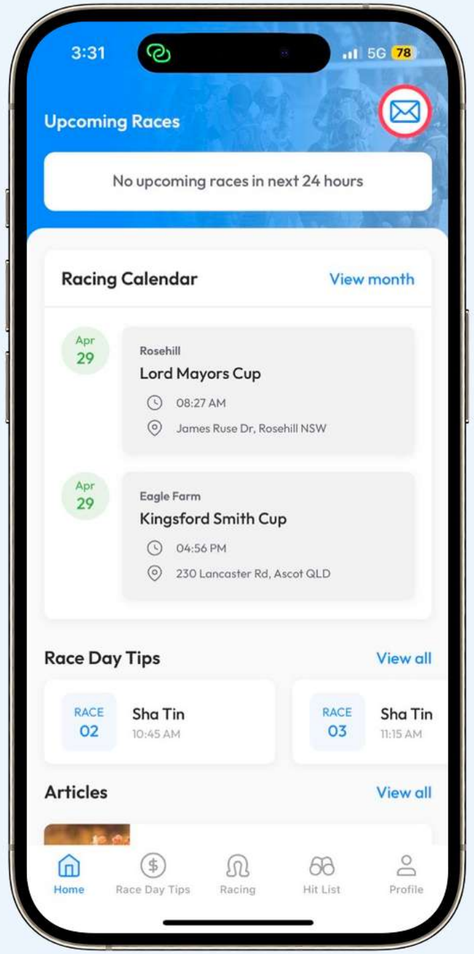
Fetches data from the server and displays it within the app.

Calendar Integration

Provides a calendar view for upcoming races scheduled for the next month.

Push Notifications

Delivers alerts for race day tips, articles, and insights.



In-App Subscription

Allows users to purchase auto-renewable subscriptions with a free trial period.

Insights Stories

Similar to Instagram Stories, this feature showcases the latest horse racing updates from the admin through image slides.

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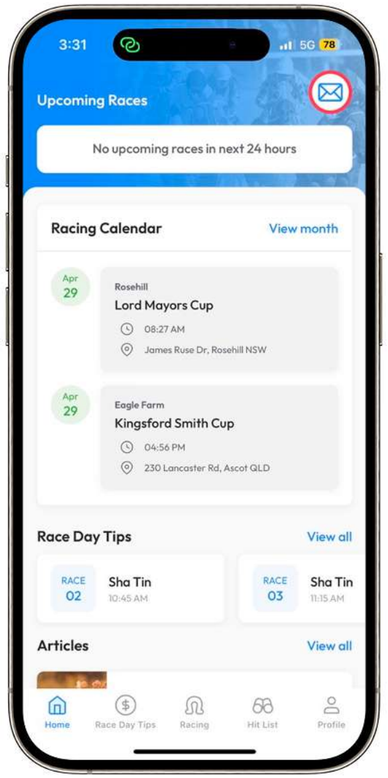
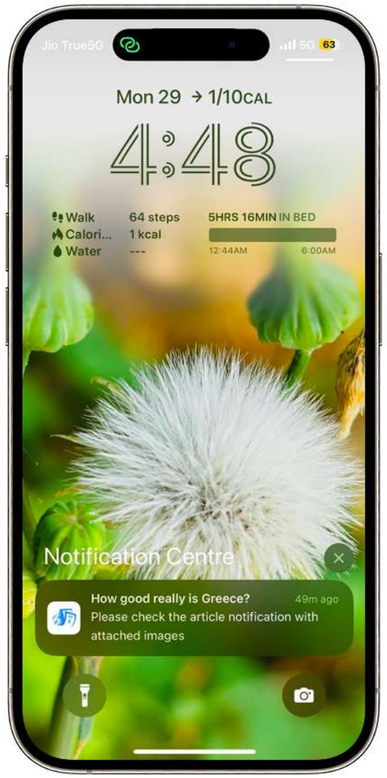
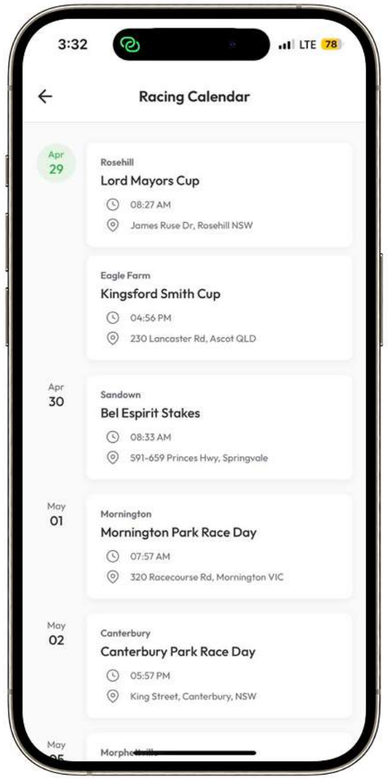
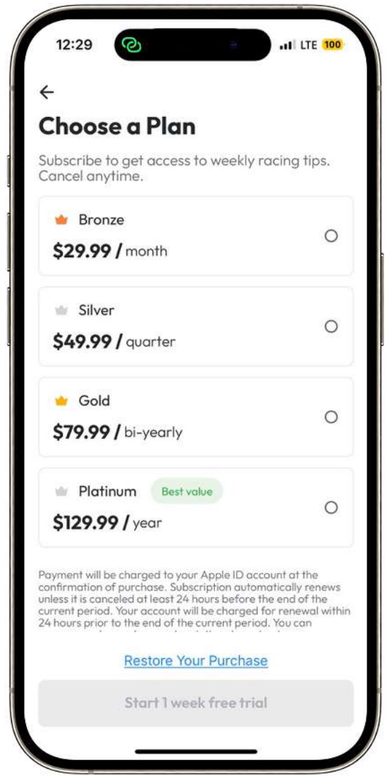
UI Screens



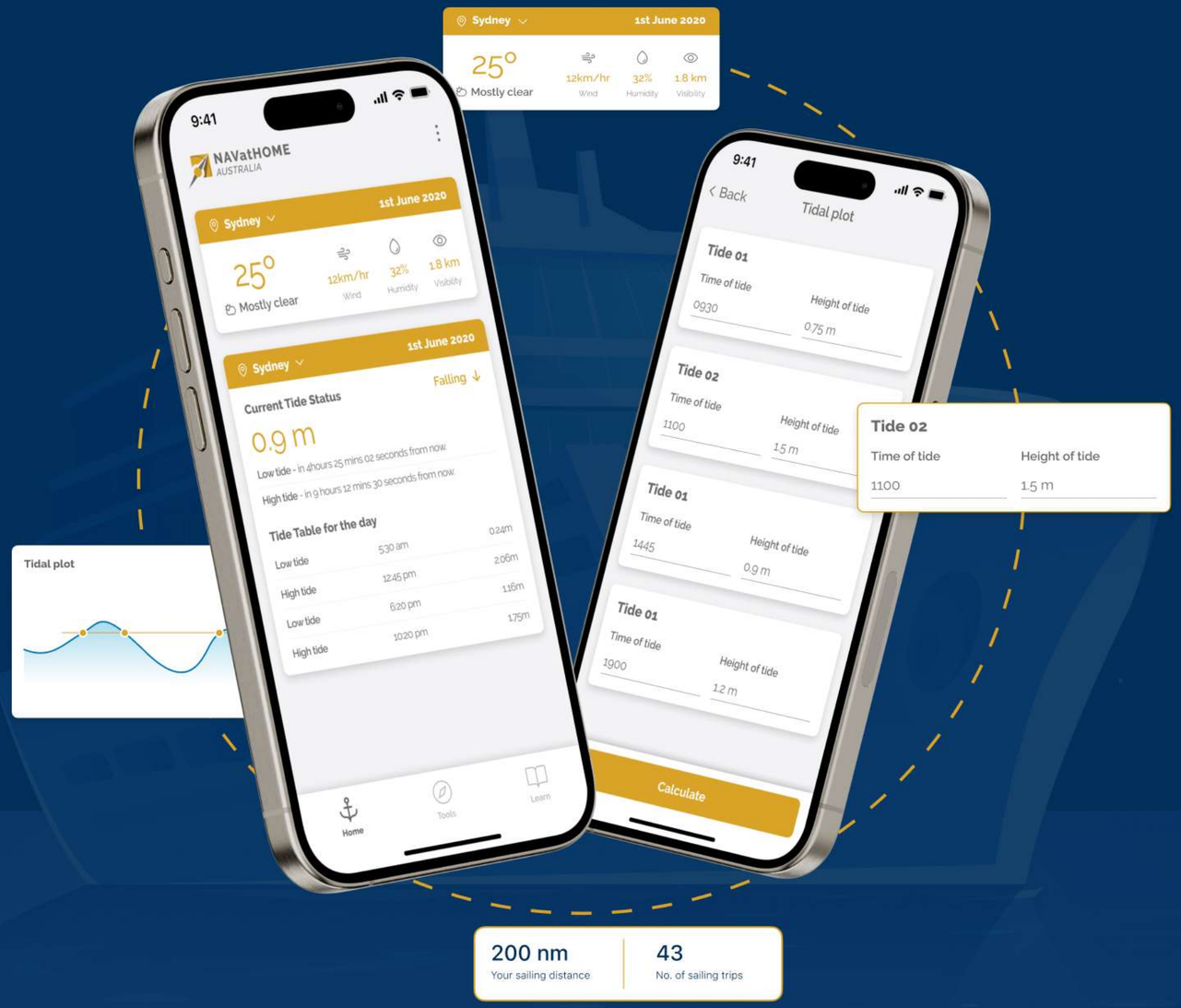






NAVatHOME AUSTRALIA

Sail smarter, not harder: This app empowers sailors with essential tools, live tide & weather data, trip logging, and in-depth guides on regulations & techniques.



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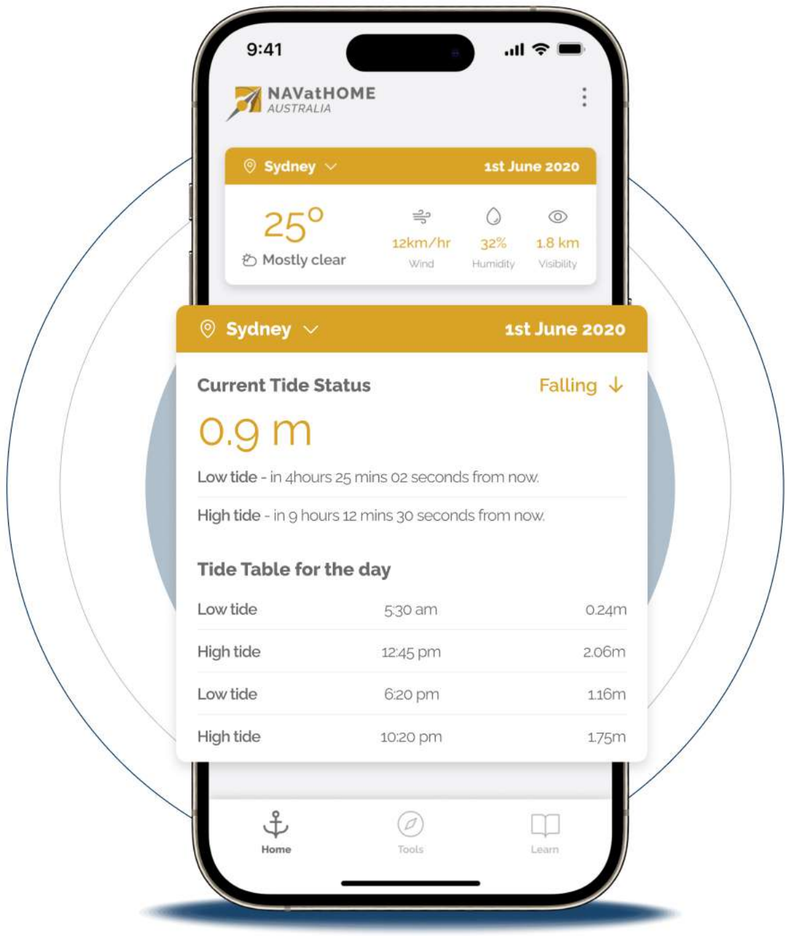

The Mission Behind This App

NAVatHOME – a cutting-edge mobile application meticulously crafted to empower sailors with indispensable tools and information, ensuring a secure and delightful navigation experience. Access essential information like weather and tides at your fingertips, track your progress seamlessly, and master sailing basics with built-in tutorials. Free and easy to use, NAVatHOME equips you with stress-free adventures on the water.

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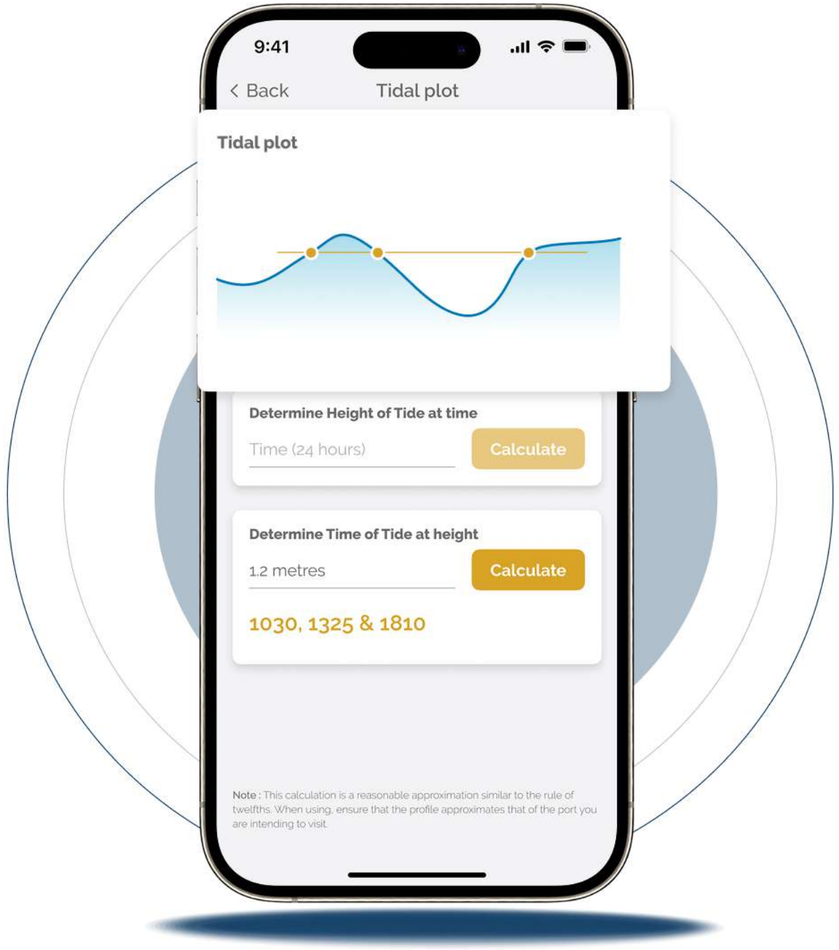
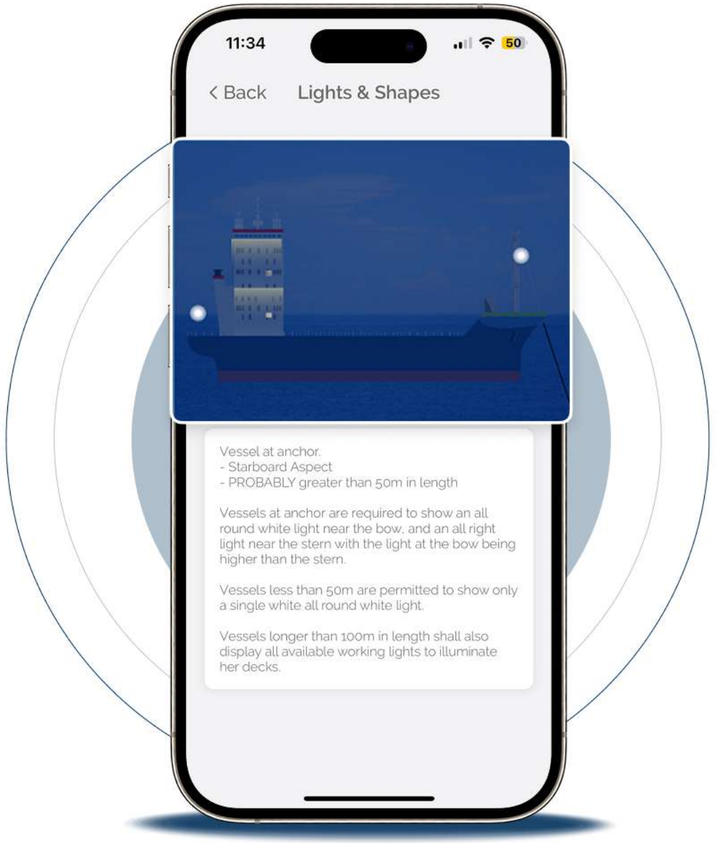
Problem Statement

Accessing up-to-date information on tidal and weather conditions, regulations, and techniques is essential for sailors, yacht masters, and navigators to ensure safe and enjoyable navigation. However, finding a user-friendly and reliable platform that offers all these features can be challenging.

NAVatHOME aimed to introduce a mobile app equipped with features designed specifically for sailors, offering an integrated navigation experience that was both safer and more user-friendly.



Our Game-Changing Solution



Drawing on their extensive experience with third-party APIs, the development team used Xamarin to create a single codebase for a cross-platform mobile app (iPhone & Android). This streamlined approach not only saved time but also ensured a consistent user experience. To make navigation even smoother, the app includes helpful tutorial resources covering regulations and techniques.

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Process Intervention

Gathering project requirements and planning

Planning

Design

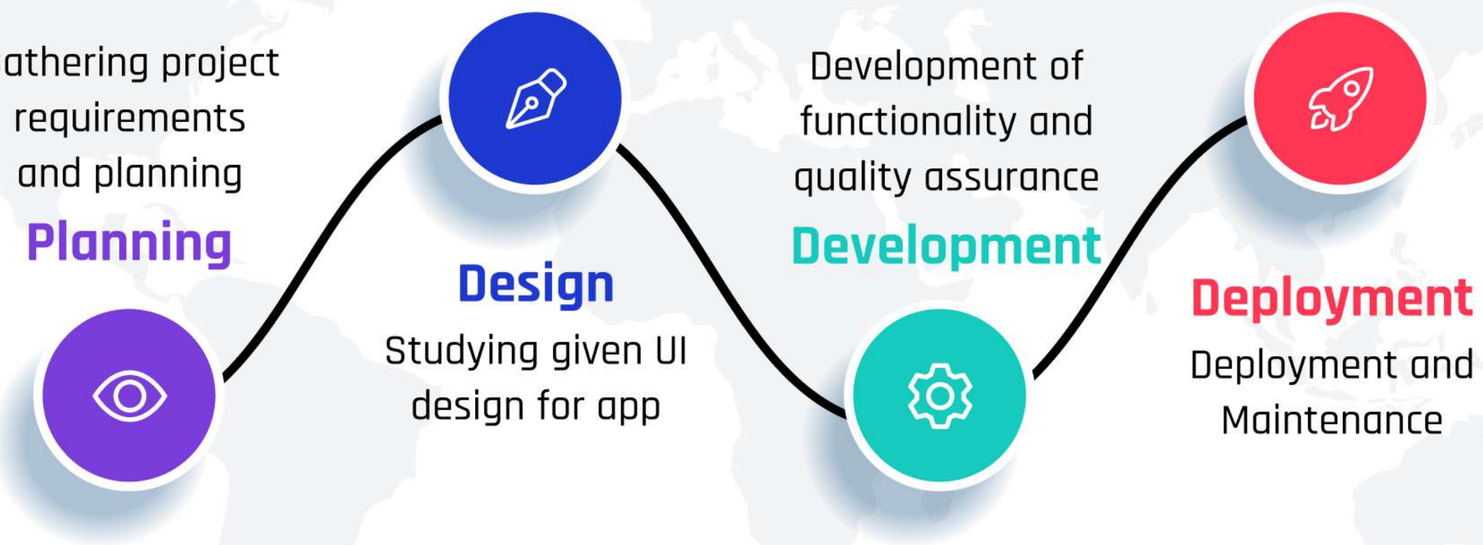
Studying given UI design for app

Development of functionality and quality assurance

Development

Deployment

Deployment and Maintenance



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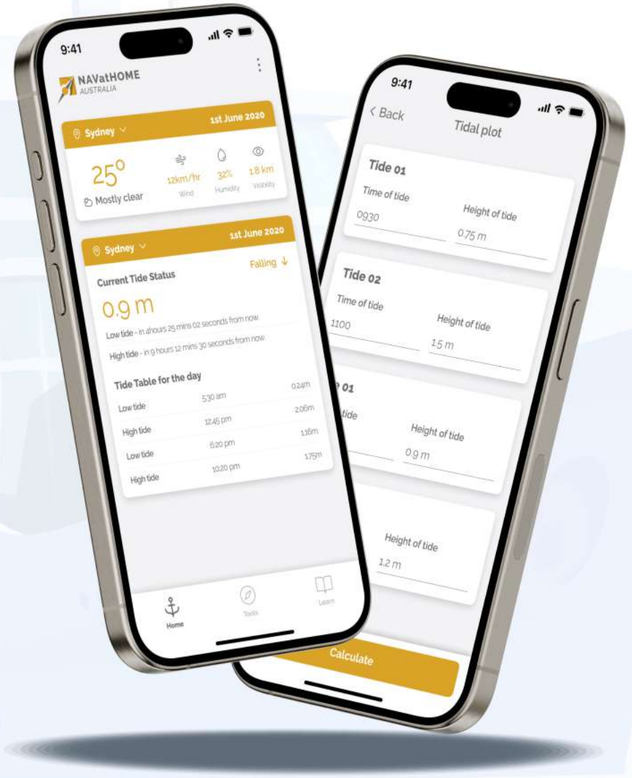
Development Process

Develop a cross-platform mobile app for NAVatHOME. This required efficient code reuse while maintaining native performance and rich functionality across different platforms.



We chose Xamarin, a high-performance platform known for its extensive library support and ability to create code reusable across iOS, Android, and other platforms. Leveraging the expertise of a seasoned Xamarin developer with 6 years of cross-platform experience, we embarked on a streamlined development process.

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Key Points to Highlight

Cross-platform development

Optimized development time and cost by using a single codebase for iOS and Android.

Performance

Ensured a native-like experience on both platforms despite code sharing.

Rich library support

Utilized Xamarin's extensive libraries to expedite development and add desired features efficiently.

Experienced developer

Assigned a developer with deep expertise in cross-platform development to ensure project success.

Efficient development

Completed the project within a month, demonstrating the effectiveness of the chosen approach.

Complex features

Successfully addressed intricate functionalities, showcasing the developer's skills and platform capabilities.

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Technology Stack

Visual Studio
for Xamarin

C#
for Xamarin Development

Chart.js
for Chart

Open Weather
to display weather info

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Key Feature Intervention

Integrated Real-Time Data

Seamlessly integrates with the Bureau of Meteorology, Australia API to display real-time tide status and detailed tide tables for any given day, empowering users with accurate and up-to-date information

Interactive Tidal Charts

Incorporates the Chart.js library to calculate and present tidal plot data in visually appealing and easy-to-understand charts. This intuitive format enables users to quickly grasp tidal patterns and make informed decisions

Live Weather Monitoring

Leverages the openweathermap API service to provide current location weather information alongside tidal data, offering a comprehensive view of environmental conditions during their navigation

Comprehensive Learning Resources

Features a library of video and audio tutorials covering navigation techniques and global regulations. These easily accessible resources educate users and enhance their navigational skills and confidence.

Don't Take Our Word for It

JHAVTECH STUDIOS

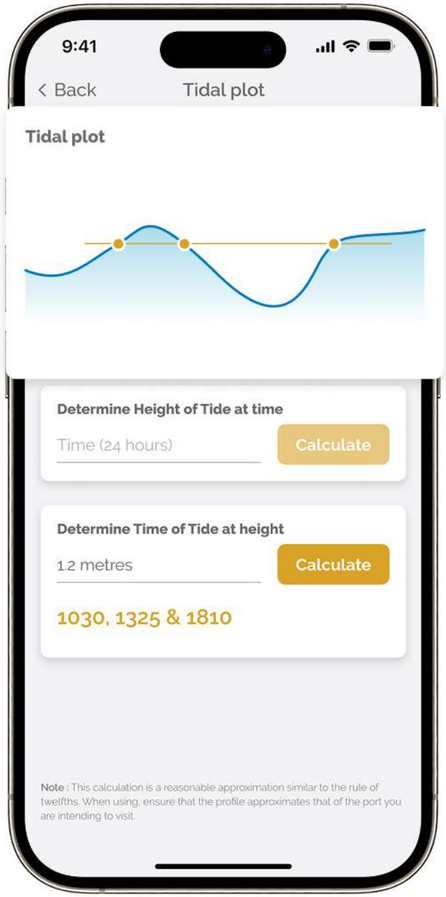
Jhavtech Studios exceeded our expectations with their exceptional development of our app, perfectly aligning with our vision to support diverse learning styles through mobile-friendly course materials. Their interactive project management and focus on efficient execution over extensive planning were particularly impressive. The final product has significantly enhanced our educational offerings, leaving us very satisfied and looking forward to future collaborations. Their delivery and approach were outstanding.

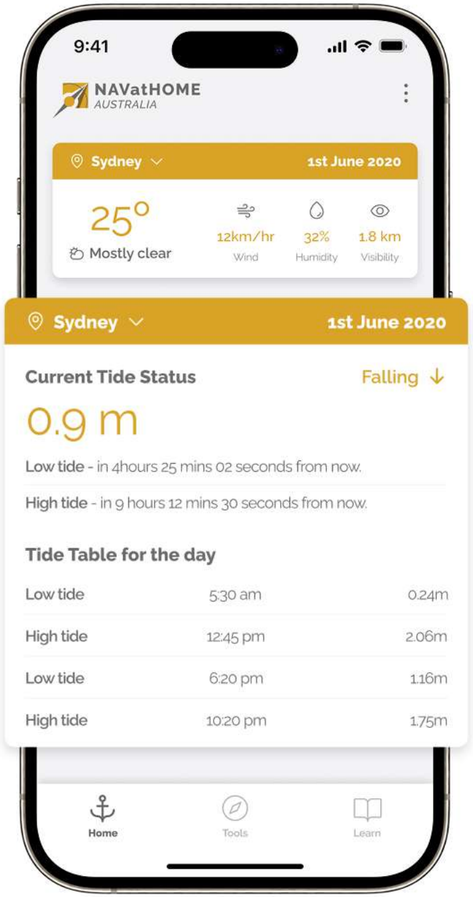
Alan Punch

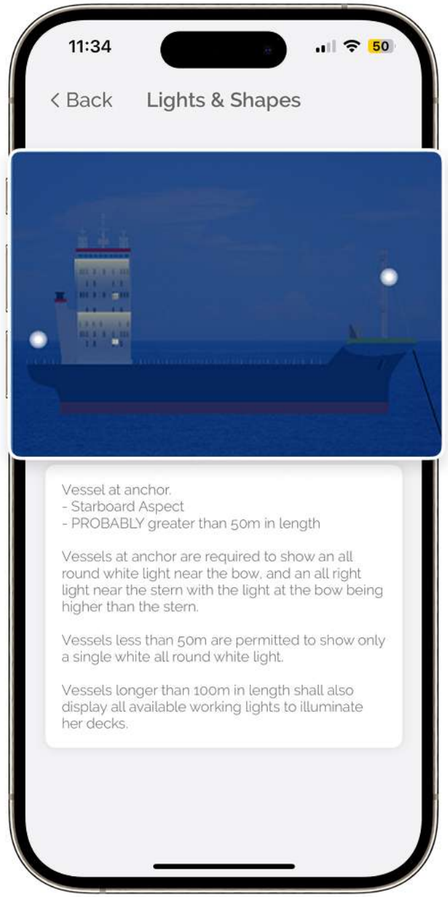
Director, Navathome Australia

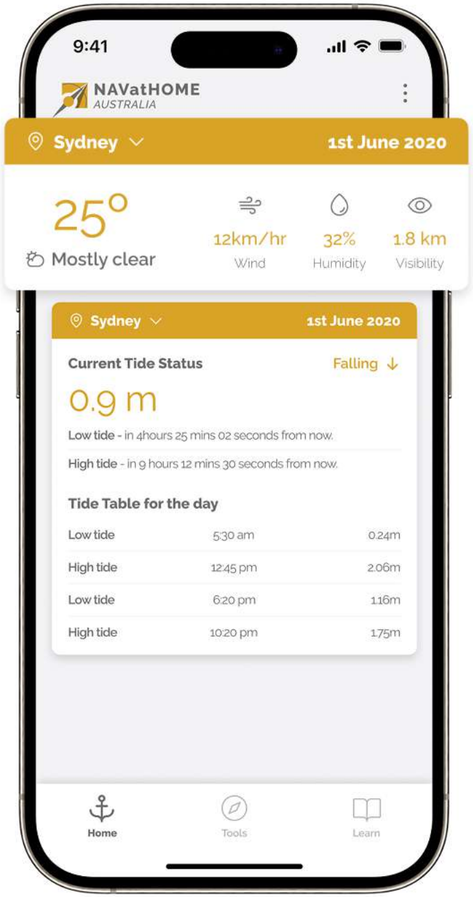
★★★★★

UI Screens


9:41
Back
Tidal plot
Tidal plot
Determine Height of Tide at time
Time (24 hours)
Calculate
Determine Time of Tide at height
1.2 metres
Calculate
1030, 1325 & 1810
Note : This calculation is a reasonable approximation similar to the rule of twelfths. When using, ensure that the profile approximates that of the port you are intending to visit.


9:41
NAVatHOME
AUSTRALIA
Sydney
1st June 2020
25°
Mostly clear
12km/hr
Wind
32%
Humidity
1.8 km
Visibility
Sydney
1st June 2020
Current Tide Status
Falling
0.9 m
Low tide - in 4hours 25 mins 02 seconds from now.
High tide - in 9 hours 12 mins 30 seconds from now.
Tide Table for the day
Low tide 5:30 am 0.24m
High tide 12:45 pm 2.06m
Low tide 6:20 pm 1.16m
High tide 10:20 pm 1.75m
Home
Tools
Learn


11:34
50
Back
Lights & Shapes
Vessel at anchor.
- Starboard Aspect
- PROBABLY greater than 50m in length
Vessels at anchor are required to show an all round white light near the bow, and an all right light near the stern with the light at the bow being higher than the stern.
Vessels less than 50m are permitted to show only a single white all round white light.
Vessels longer than 100m in length shall also display all available working lights to illuminate her decks.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