Hackathon Brief - Yachtdrop Online Chandlery

Overview

Today you'll build a **mobile-first online chandlery marketplace** that lets yacht crews order parts and supplies for **delivery directly to their boat in the marina or request pickup**.

This is **not** a traditional e-commerce website.

It should feel like using a **native mobile app**, but run entirely in the browser.

Think: App experience. Website delivery.

Product source: nautichandler.com/
Brand & destination: yachtdrop.com
UX inspiration: Uber Eats app / website

Objective

Create a **working MVP web page** that:

- Pulls live product images
- Pulls descriptions
- Pulls pricing
- Matches Yachtdrop branding
- Allows:
    - Delivery to boat / marina
    - Pickup
- Feels like a **native mobile app experience**

The goal is: **"Order boat parts as easily as ordering food delivery."**

Experience Requirements (App-like, not website-like)

It should feel like:

- Native app
- Fast and lightweight

- Thumb-friendly
- Minimal taps
- Smooth navigation
- Instant feedback

Recommended patterns

- Card-based browsing
- Sticky bottom cart
- Slide-in panels/drawers
- Bottom navigation
- Infinite scroll
- Quick add buttons
- Skeleton loaders
- Caching/offline tolerance

Avoid

- Desktop-style layouts
- Multi-page reloads
- Dense tables
- Long forms
- Clunky navigation menus

Core User Flow

Design for real crew behavior:

Low time. On deck. Patchy signal. One hand free.

They should be able to:

1. Open site
2. Browse/search instantly
3. Add items quickly
4. Choose delivery or pickup
5. Checkout

Deliverables

Must have

- Live ingestion from Nautichandler (no hardcoding)

- Product cards (image, name, price, short description)
- Search or filtering
- Cart/basket
- Delivery vs pickup selection
- YachtDrop-branded UI
- Mobile-first responsive design
- Hosted or runnable URL

Strongly encouraged

- PWA behavior (installable / app-like)
- Client-side routing (no reloads)
- Caching layer
- Smooth transitions
- Fast load times
- Mock checkout

Technical Freedom

Use anything:

- Any stack (React/Next/Vue/etc.)
- Scraping or APIs
- AI tools
- Server/client rendering
- Edge or caching layers

Judging Criteria

Projects will be evaluated on:

- Live data integration
- App-like UX feel
- Speed/performance
- Branding alignment
- Delivery/pickup flow clarity
- Technical execution
- Creativity

Demo Format

1. Problem
2. Architecture approach
3. Live walkthrough (mobile and or web view)
4. A link so we can view the page
5. Tradeoffs
6. What you'd build next

Creative Freedom

Feel free to run wild on this.

Add smart features.
Try bold UI ideas.
Use AI.
Automate things.
Prototype aggressively.

Surprise us.

As long as:

- It uses live data
- It works
- It feels like Yachtdrop
- It feels like an app

Everything else is fair game.

GOOD LUCK!