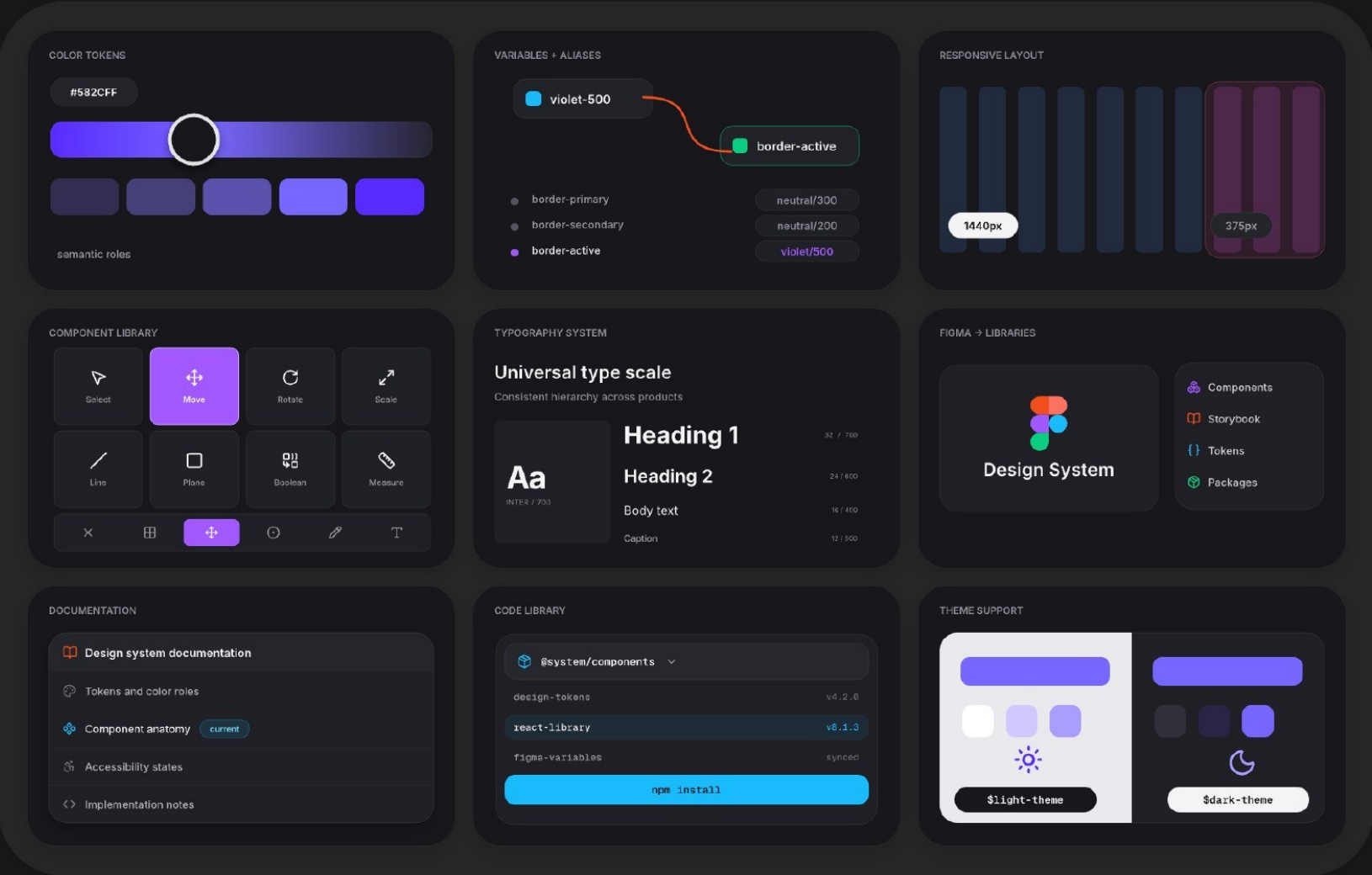
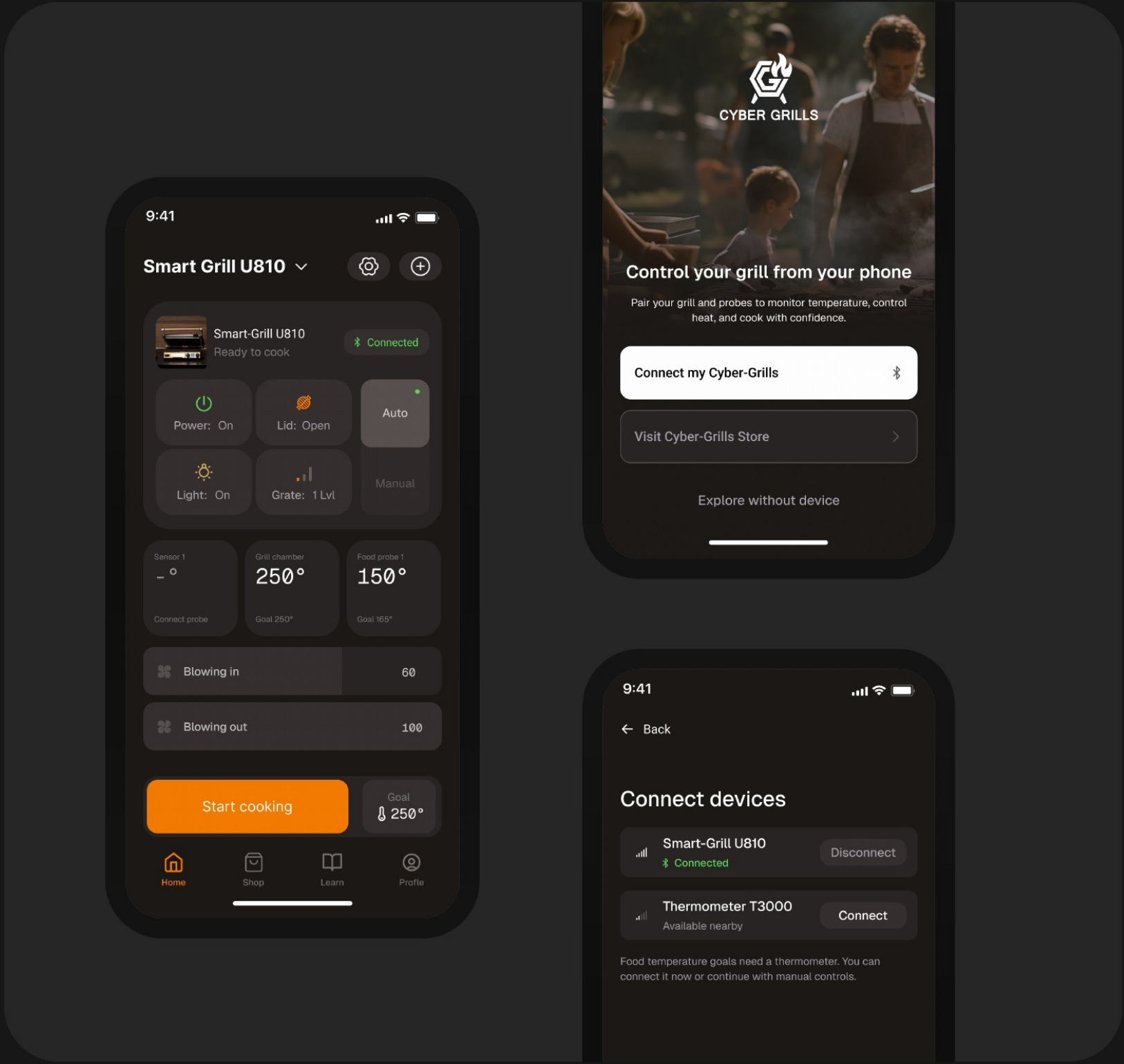
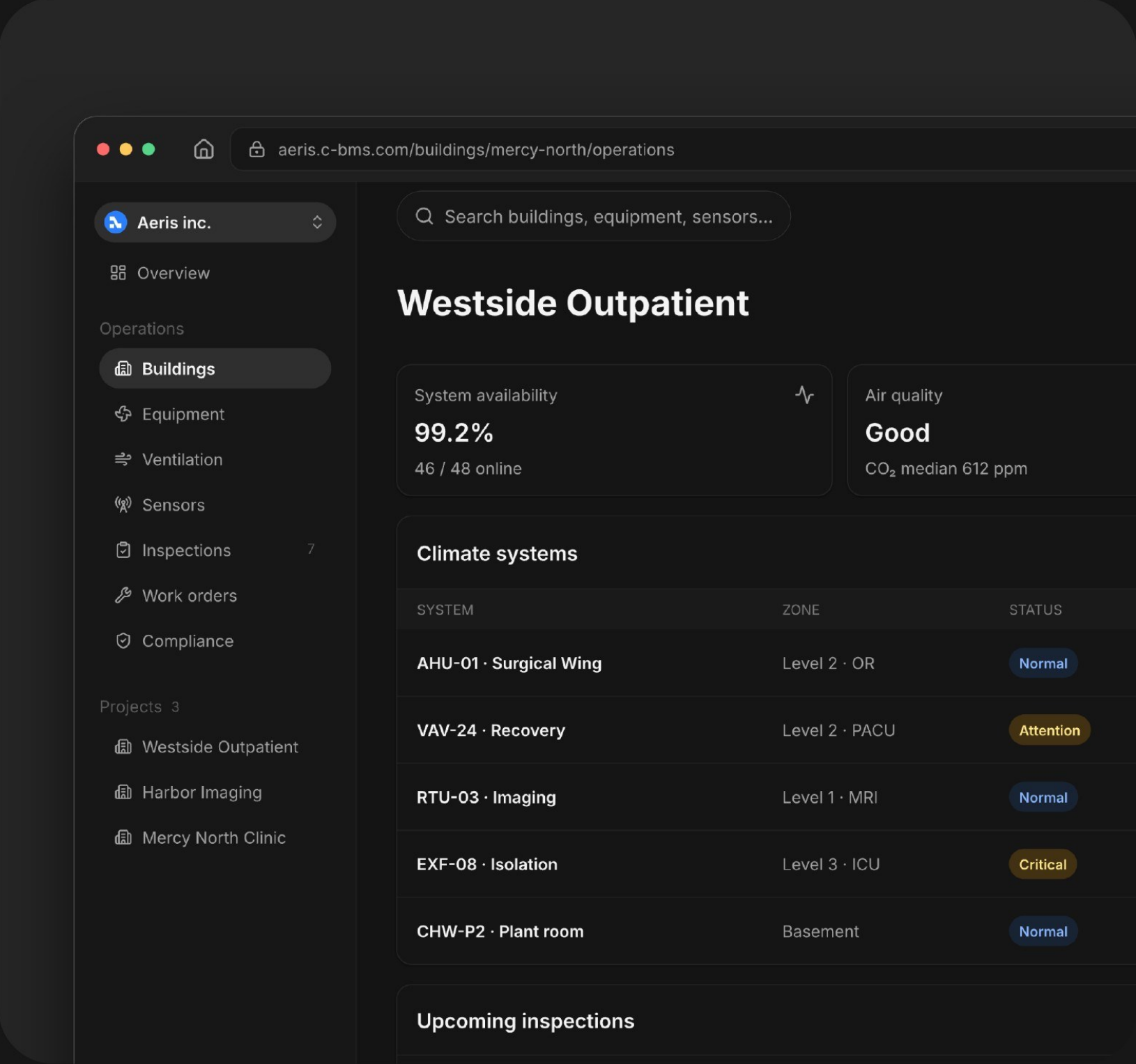




ALENA KADOLKA

SR. PRODUCT DESIGNER
8+ YRS · B2B ·
INDUSTRIAL, WEB &
MOBILE UX



UX/UI Product Designer

Cuby Technologies, Inc. Apr 2023 — Present

Lead product design for complex B2B web and mobile platforms across manufacturing, construction, and factory operations. Designed user and asset management, operational dashboards, role-based systems, and field applications. Owned the end-to-end design process—from discovery and user flows to UX documentation, design systems, AI-assisted prototyping, and developer handoff. Transformed complex workflows, permissions, inspections, and operational logic into clear, scalable product experiences.

Web & UI/UX Designer

Self-Employed Jan 2018 — Mar 2023

Delivered end-to-end UI/UX projects for startups and digital agencies, including MVPs, IoT interfaces, operational dashboards, and web and mobile applications. Designed user flows, information architecture, role-based interfaces, responsive UI systems, and data-heavy products. Created marketing websites, e-commerce platforms, and landing pages from research and strategy through visual design and implementation in Webflow and WordPress.

Graphic Designer

Self-Employed 2016 — 2018

Designed digital and print marketing materials for small businesses and agencies — advertising banners, social media creatives, brochures, flyers, promotional materials, icon sets, and motion graphics.

Education

Bachelor's Degree in Design
Fine Art & Visual Communication

Information Architecture
Operational Dashboards
Enterprise Platforms
Mobile & Web Apps
Industrial IoT
Product Discovery
UX Research
Prototyping
Interaction Design
Design Systems

Cyber Grills — Smart Grill Mobile App

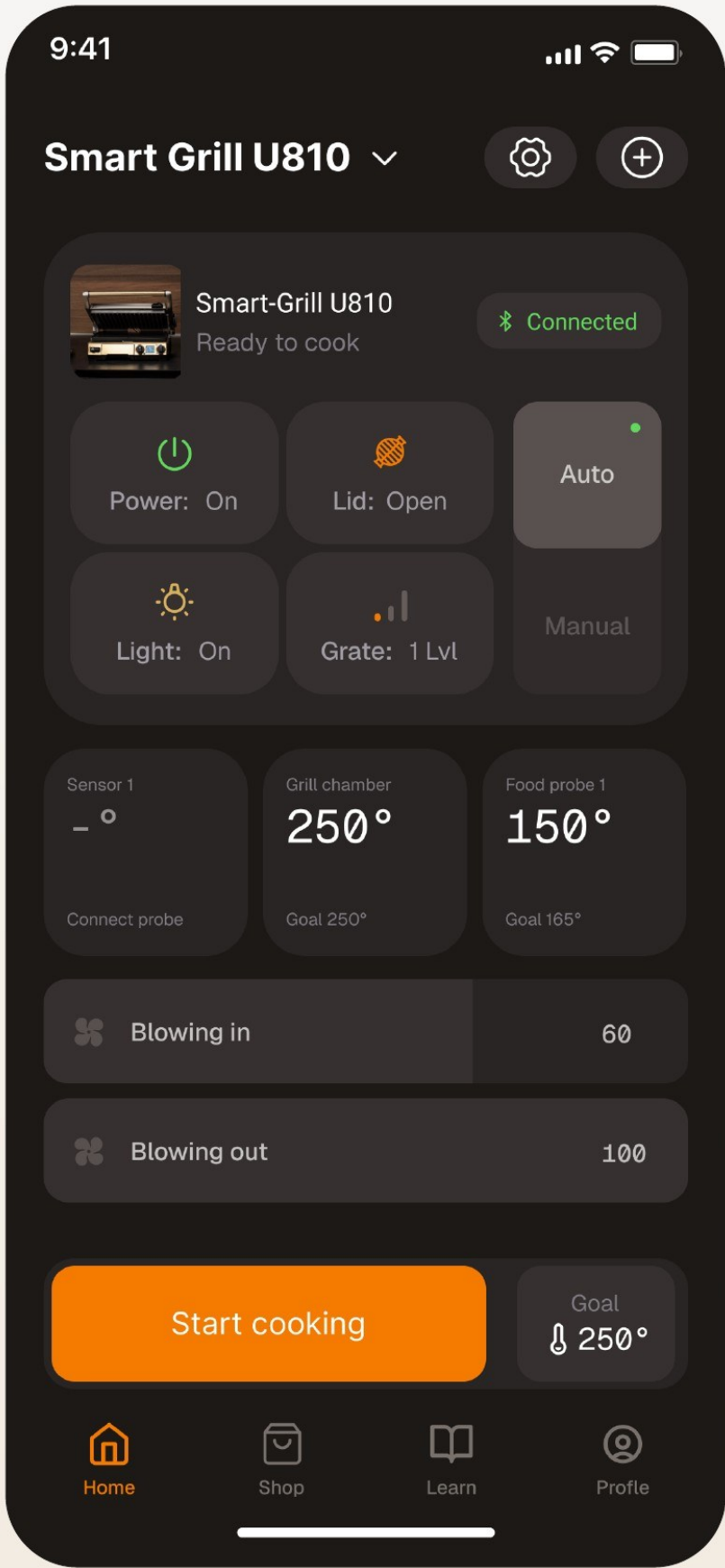
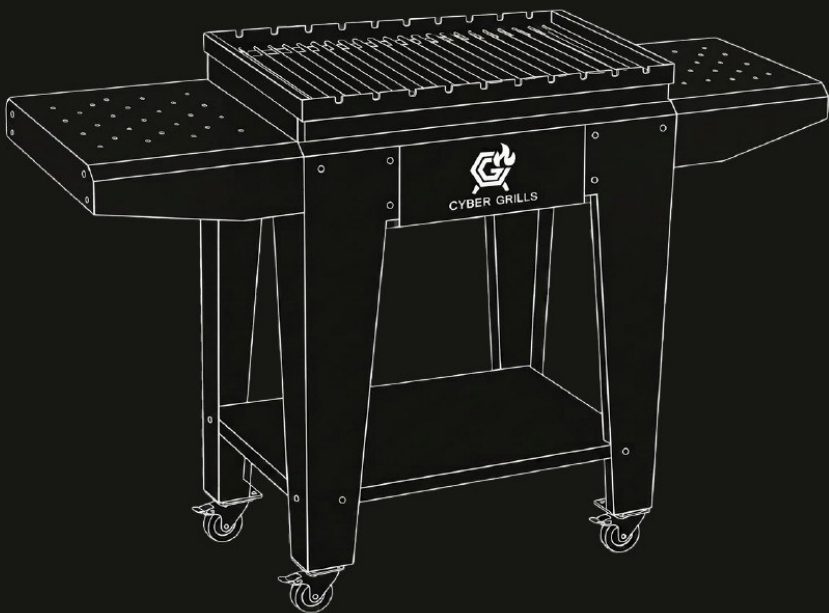
A mobile app for controlling a smart grill — grill controls, cooking presets, recipes, and real-time temperature monitoring in one guided cooking experience.

Company	Cyber Grills, inc.
Role	Product Designer
Length	6 months
Scope	User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping
Year	2022

[View case](#) 



Cyber Grills



OVERVIEW

Cyber Grills is a mobile app for controlling a smart grill and connected accessories. It brings together grill controls, cooking presets, recipes, and real-time temperature monitoring into a simple, guided cooking experience.

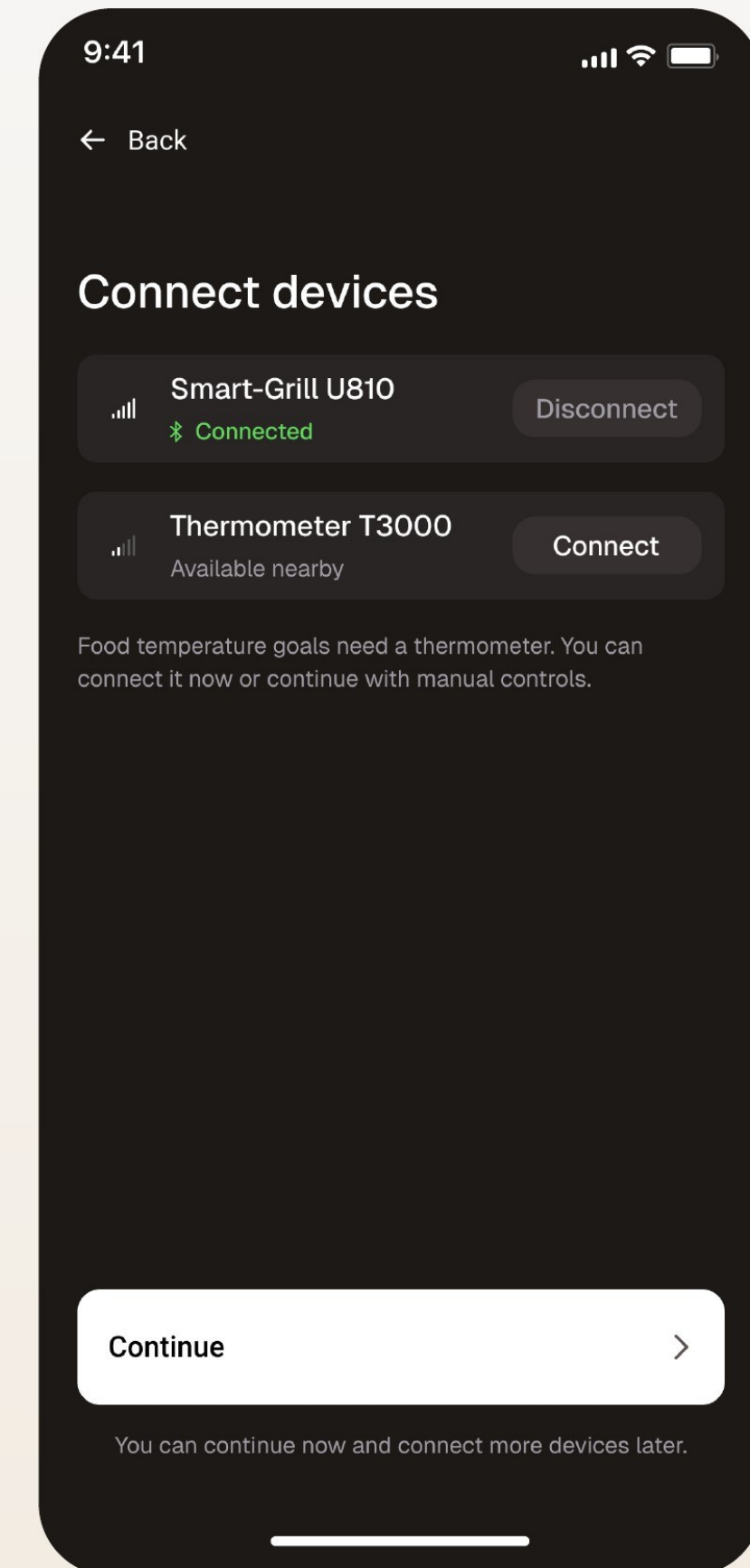
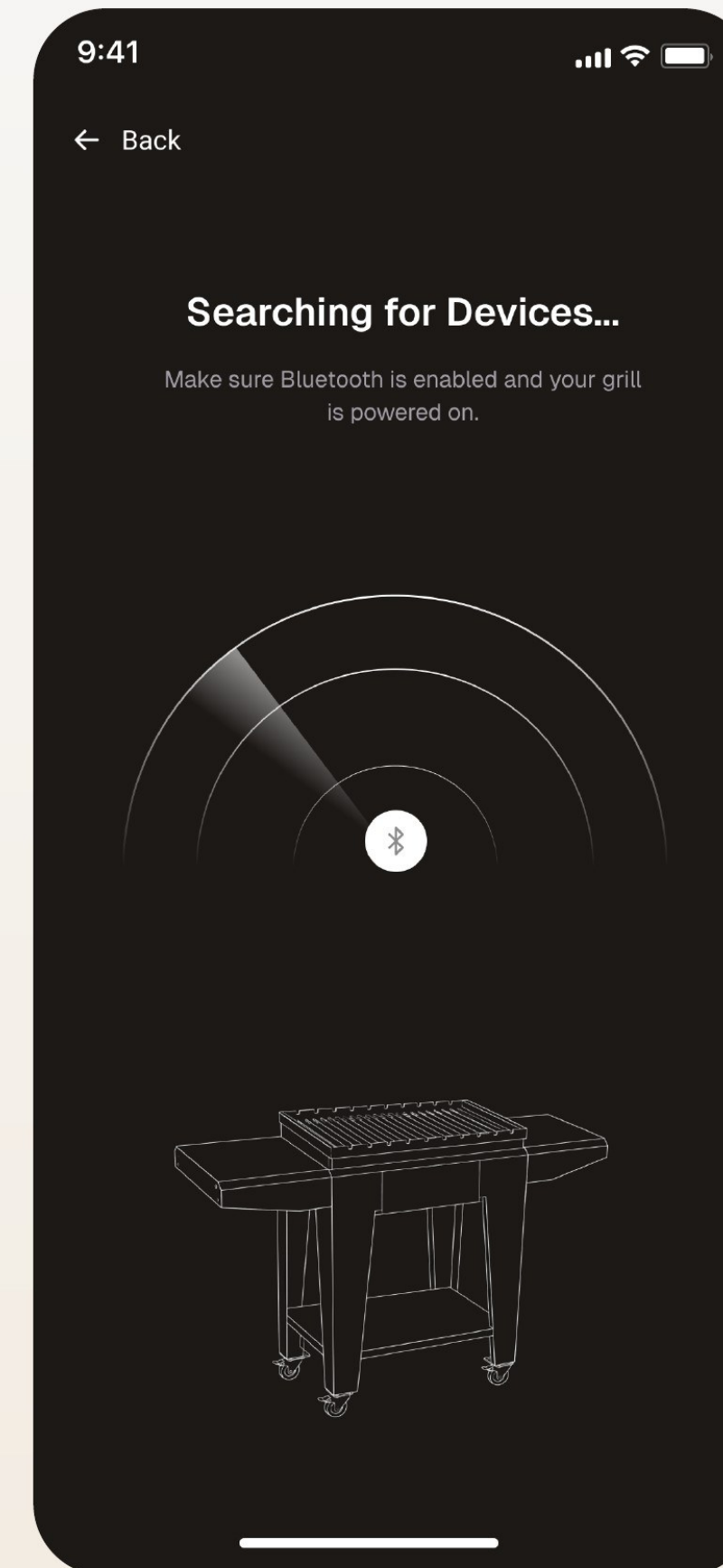
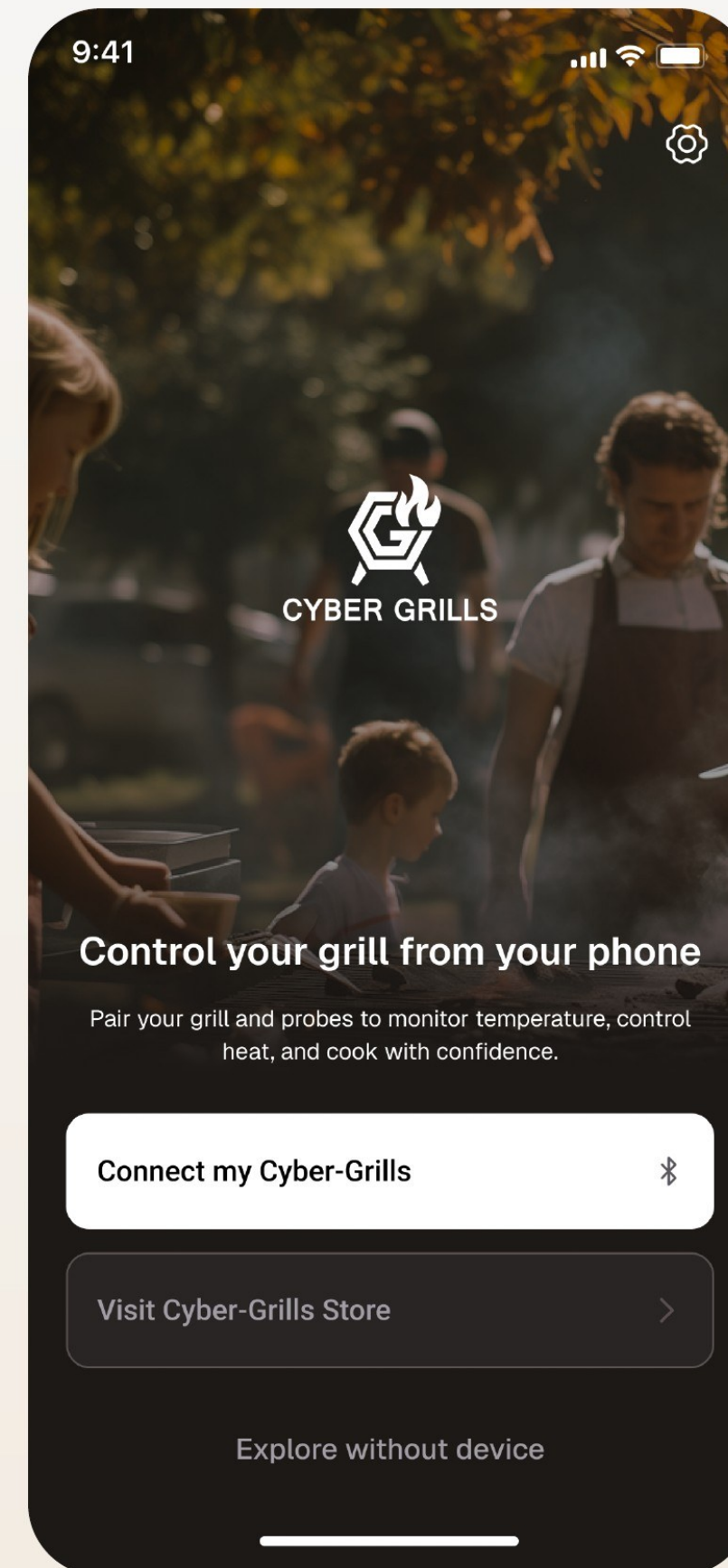
The goal was to create a guided cooking experience that simplifies grilling, reduces manual configuration, and helps users cook with confidence from setup to serving.

THE CHALLENGE

Many grill controllers prioritize device controls over the cooking experience. The challenge was to design an experience that combines:

- Grill controls
- Live temperature monitoring
- Cooking presets
- Recipes
- Guided cooking flows

The interface needed to support both experienced grill users who prefer manual control and beginners who rely on step-by-step guidance.



DESIGN GOALS

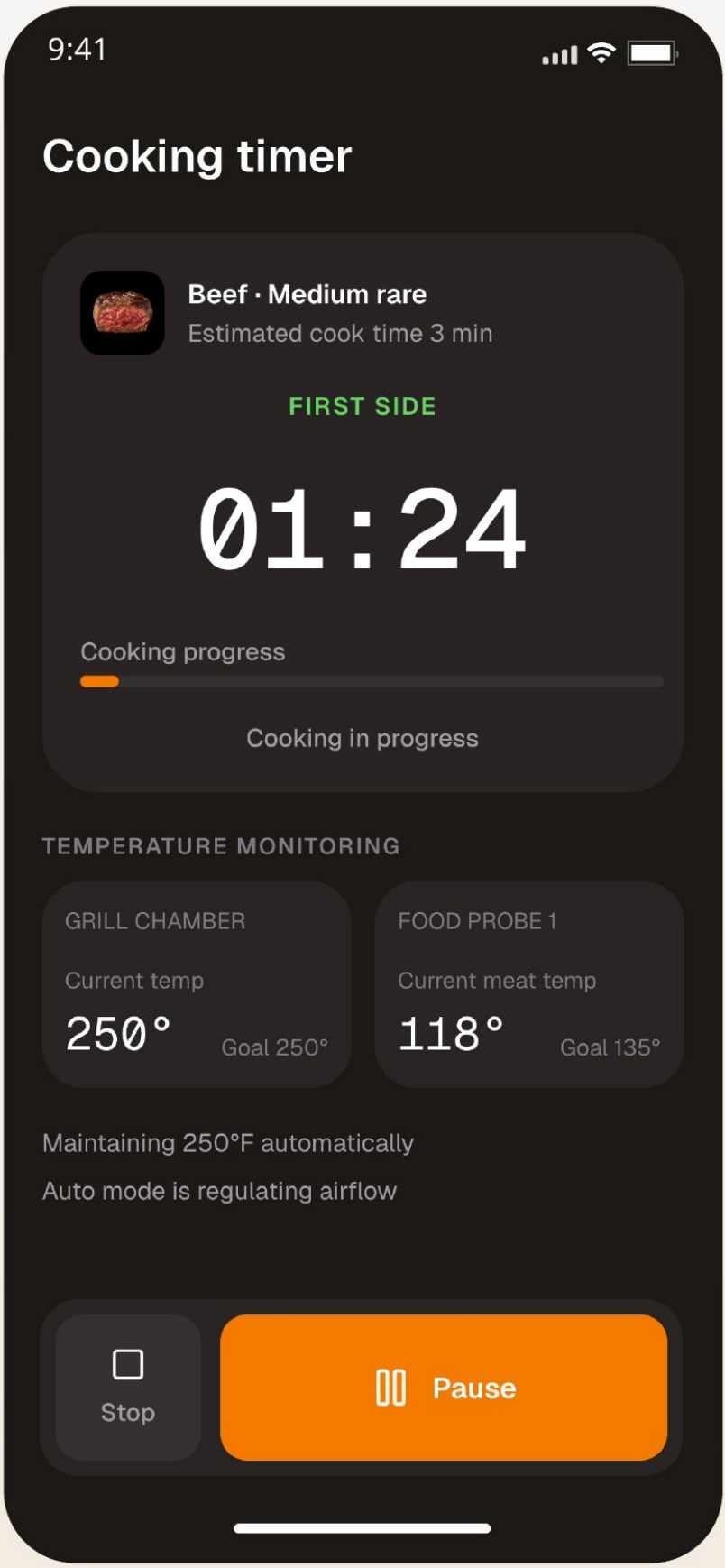
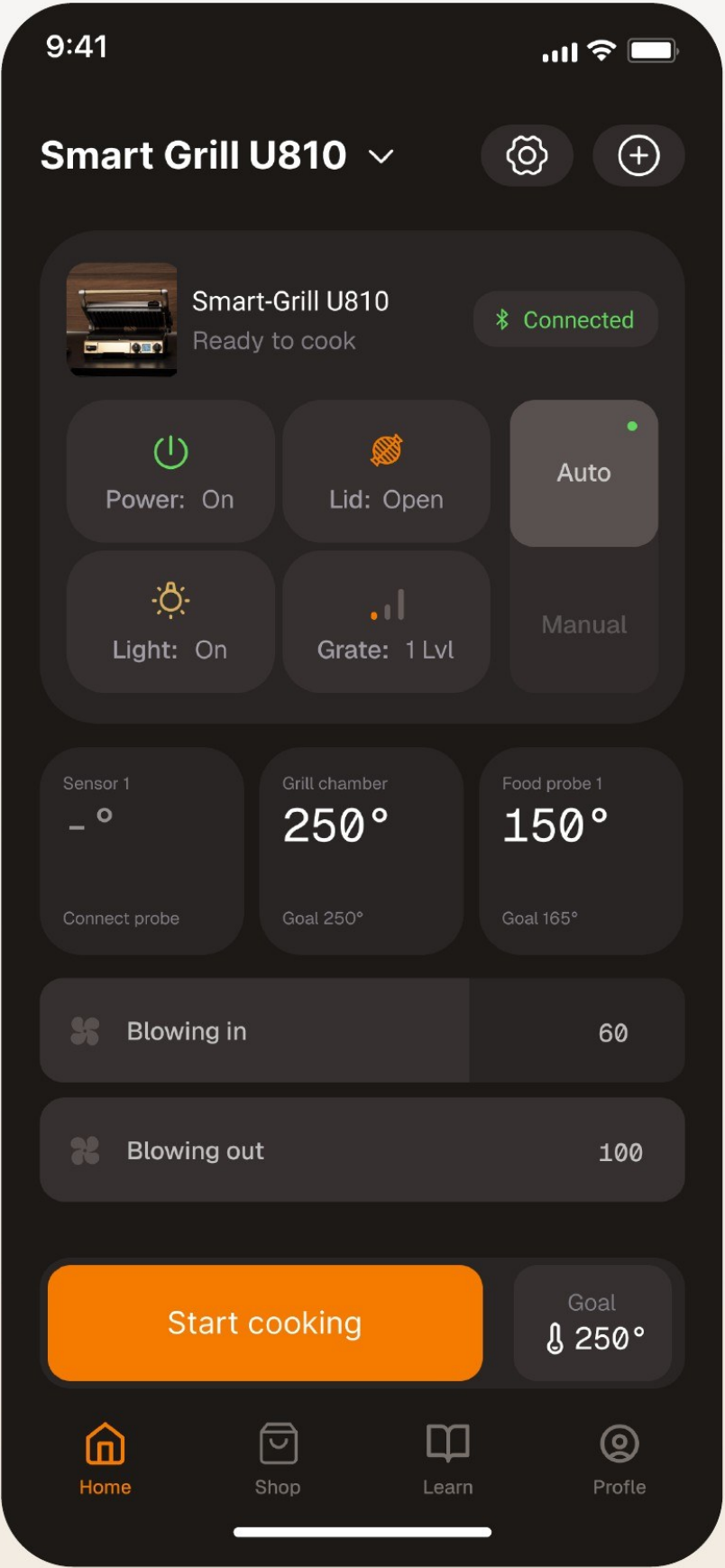
- Simplify grill setup before cooking.
- Reduce cognitive load during cooking.
- Guide users through the entire cooking process.
- Make automatic cooking modes easy to understand.
- Create a scalable interface for multiple connected devices.

KEY FEATURES

- Bluetooth device pairing
- Connected grill dashboard
- Real-time chamber and food temperature monitoring
- Guided cooking presets
- Manual cooking mode
- Recipe-based cooking
- Flip reminders
- Cooking progress
- Smart notifications

OUTCOME

The final experience helps users focus on cooking instead of managing grill settings, while keeping advanced controls available when needed.



9:41

Beef

SETUP · STEP 1 OF 2

Choose your preferred doneness

Select how you'd like your beef cooked.

Rare

Cool red center

120–125°F

Medium rare

Warm red center

130–135°F

Medium

Warm pink center

140–145°F

Medium well

Slightly pink center

150–155°F

Well done

Cooked through

160°F+

Continue

9:41

Cooking timer

Beef · Medium rare

Estimated cook time 3 min

SECOND SIDE

01:24

Time remaining

Almost ready

Stop cooking

Keep cooking

9:41

Cooking timer

Beef · Medium rare

Estimated cook time 3 min

SECOND SIDE

00:18

Cooking progress

Almost ready

Using a probe

Get live meat temperature readings and alerts when your target temperature is reached.

Cooking without a probe

You can still use the cooking timer, but temperature tracking and automatic alerts will be unavailable.

I inserted the probe

Continue without probe

9:41

Cooking timer

Beef · Medium rare

Estimated cook time 3 min

FIRST SIDE

01:24

Cooking progress

Cooking in progress

TEMPERATURE MONITORING

GRILL CHAMBER

Current temp

250°

Goal 250°

FOOD PROBE 1

Current meat temp

118°

Goal 135°

Auto mode is regulating airflow

Maintaining 250°F automatically

Stop

Pause

9:41

Cooking timer

Beef · Medium rare

Estimated cook time 3 min

FIRST SIDE

Time to flip

Flip the meat, then confirm to start timing the second side.

Meat flipped

Remind me in 30 sec

Auto mode is regulating airflow

Stop

Pause

9:41

Cooking timer

Beef · Medium rare

Estimated cook time 3 min

SECOND SIDE

Cooking complete

Your beef is ready. Remove it from the grill and let it rest before serving.

Finish cooking

Add resting timer

Cooking completed successfully

Stop

Pause

9:41

Smart Grill U810

Ready to cook

Connected

Power: On

Lid: Open

Auto

Light: On

Grate: 1 Lvl

Manual

Blowing in

60

Blowing out

100

Cooking session stopped

250°

Home

Shop

Learn

Profile

9:41

Beef

SETUP · STEP 2 OF 2

Insert the probe

For accurate temperature tracking, insert the grill probe into the thickest part of the meat.

Using a probe

Get live meat temperature readings and alerts when your target temperature is reached.

Cooking without a probe

You can still use the cooking timer, but temperature tracking and automatic alerts will be unavailable.

9:41

Smart Grill U810

Cooking · First side

Medium rare

Cooking progress · 7%

01:24

9:41

November 2022

Photos

Calculator

Photos

CyberGrill

Clock

Find My

Maps

Files

Camera

9:41

Smart Grill U810

Beef · Medium rare

Cooking · First side

01:24

REMAINING

November 2022

Photos

CyberGrill

Clock

Find My

Home

Files

Camera

9:41

Smart Grill U810

Heavy-duty collapsible charcoal grill

\$1,950

Added to your shopping cart

Specifications

Grilling area: 33.88" × 15.12"

Dimensions: 59.45"L × 15.63"D × 34.52"H

Product weight: 75.58 lb

Includes: 3-piece heavy-duty stainless steel grill

Add to cart · \$1,950

9:41

Cart

Items (2)

Smart Grill U810

Heavy-duty collapsible charcoal grill

\$1,950.00

GrillSense Mini

Wireless temperature tracking

\$39.99

Subtotal

\$1,989.99

Shipping

Calculated at checkout

Proceed to checkout · \$1,989.99

Back to store

9:41

Cart

Items (2)

Smart Grill U810

Outdoor charcoal grill

\$1,950.00

GrillSense Mini

Wireless temperature tracking

\$39.99

(212) 555-0147

Edit

SHIPPING METHOD

Standard delivery

Estimated Jul 18–21

Free

Express delivery

Estimated Jul 16–17

\$35

Priority delivery

Estimated tomorrow

\$65

Continue to payment

9:41

Checkout

2 / 3

PAYMENT

All transactions are secure and encrypted.

Credit card

VISA

4242 4242 4242 4242

Card number

4242 4242 4242 4242

Expiration date

12 / 28

Security code

123

Name on card

Alex Johnson

Use shipping address as billing address

OTHER METHODS

PayPal

Apple Pay

Review order

9:41

Checkout

3 / 3

ORDER SUMMARY · 2 ITEMS

Smart Grill U810

Qty 1

\$1,950.00

GrillSense Mini

Qty 1

\$39.99

DELIVERY

245 W 29th St, Apt 12B · New York, NY

Standard delivery · Free · Jul 18–21

Discount code

Apply

Subtotal

\$1,989.99

Shipping

Free

Estimated NYC tax

\$176.61

Total

\$2,166.60

Sign in to sync your grills, presets, cooking history, and orders across devices.

Sign in

Create account

COOKING

Grill controls

Connect and cook

Cooking guides

Browse presets

MY COOKING

Cooking history

Saved presets & favorites

SHOPPING

Shop

Browse products

Orders & addresses

9:41

Settings

GRILL & COOKING

Connected devices

Temperature units

°F

Cooking alerts

On

Auto-connect grill

APP

Language

English

Appearance

Dark

Help & support

Privacy & terms

CyberGrill · Version 1.1.0

9:41

Profile

COOKING

Grill controls

Connect and cook

Cooking guides

Browse presets

MY COOKING

Cooking history

Saved presets & favorites

SHOPPING

Shop

Browse products

9:41

Beef

Beef tenderloin steak with blue cheese and mustard butter

2 hr 30 min

2 servings

Medium rare

ABOUT

Pan-seared beef tenderloin finished with blue cheese, Dijon mustard, fresh chives, and a rich butter glaze. Caramelized outside, juicy inside.

Ingredients

7 items

Beef tenderloin steaks

2 pieces

Olive oil

1 tsp

Salt

¼ tsp

Coarse ground pepper

¼ tsp

Crumbled blue cheese

¼ tbsp

Mustard butter

1 tbsp

Chopped fresh chives

1 tbsp

How to make

STEP 1

Prepare the steaks

Heat the grill to medium-high. Rub the steaks with olive oil and season with salt and pepper.

STEP 2

Grill to temperature

Grill for 7–11 minutes, turning once, until the internal temperature reaches 135°F for medium rare.

STEP 3

Make the butter

Combine blue cheese, mustard-flavored butter, and fresh chives in a small bowl.

STEP 4

Finish and serve

Remove the steaks from heat and spoon the butter mixture over the top before serving.

Prep ahead

Make the blue cheese Dijon butter up to one day ahead. Let it soften at room temperature for 30 minutes before serving.

Recommended for this recipe

Smart Grill U810

Heavy-duty collapsible charcoal grill

\$1,950.00

GrillSense Mini

Wireless temperature tracking

\$39.99

Start cooking

Industrial HMI for EC Fan Automation

A production HMI interface for CreoCore — a vendor-neutral automation platform that connects EC fans, industrial PLC logic, and building automation systems.

Company	CreoCore Automation
Role	Product UI/UX Designer
Length	6 months
Scope	User flows, information architecture, UX/UI design, design system, interaction design, screen flows, interaction logic, system states, component design, visual hierarchy, and implementation in Weintek EasyBuilder Pro, UX writing, and prototyping
Year	2026



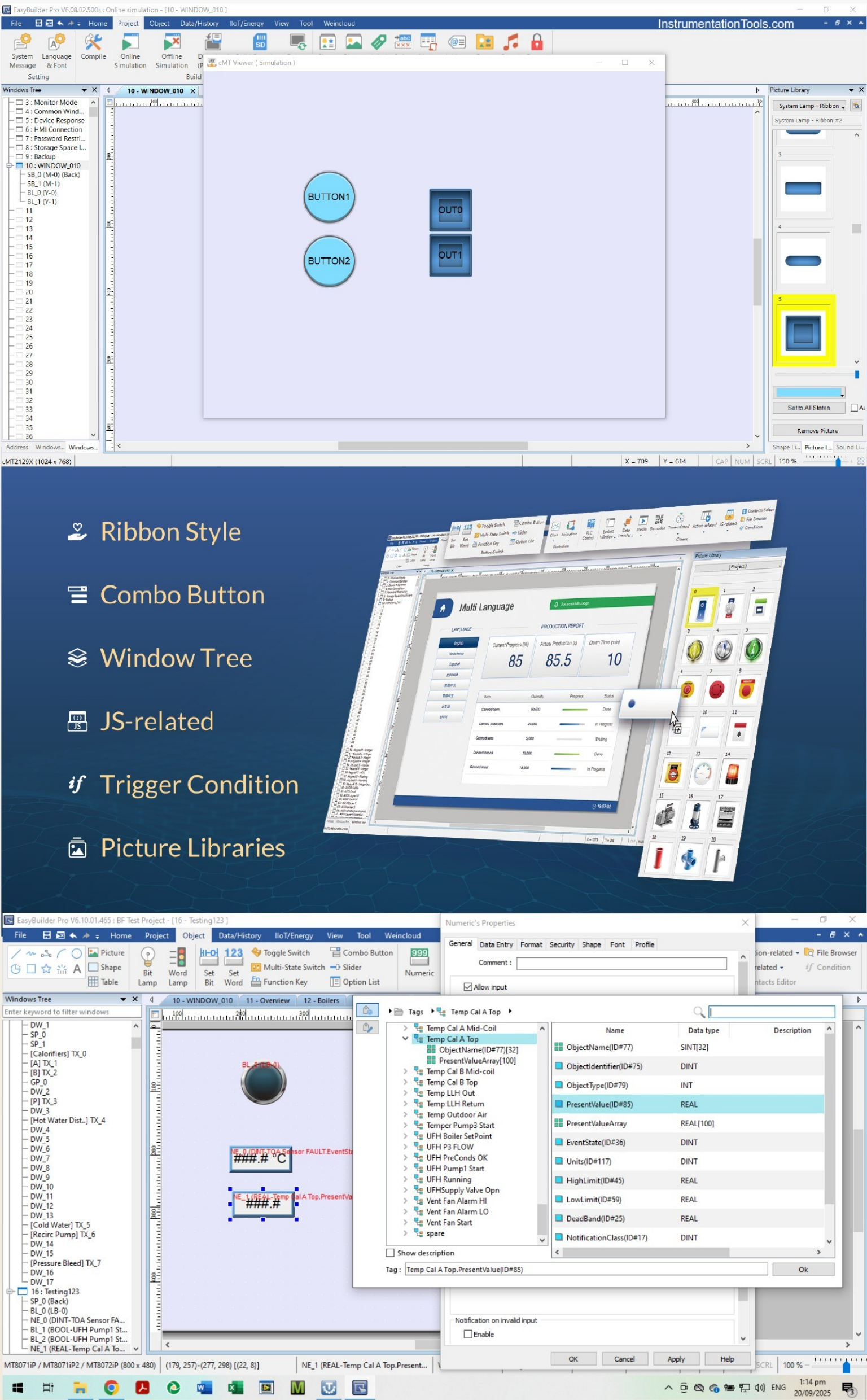
PLATFORM OVERVIEW

Before designing the HMI, I explored the CreoCore platform and EasyBuilder Pro to understand how EC fans, PLC logic, Modbus communication, alarms, and system states work together.

EasyBuilder Pro relies on predefined objects, image-based states, PLC-linked values, and limited interaction patterns. These constraints shaped the interaction model, requiring reusable controls, explicit system feedback, and predictable navigation throughout the interface.

DESIGN FOUNDATION

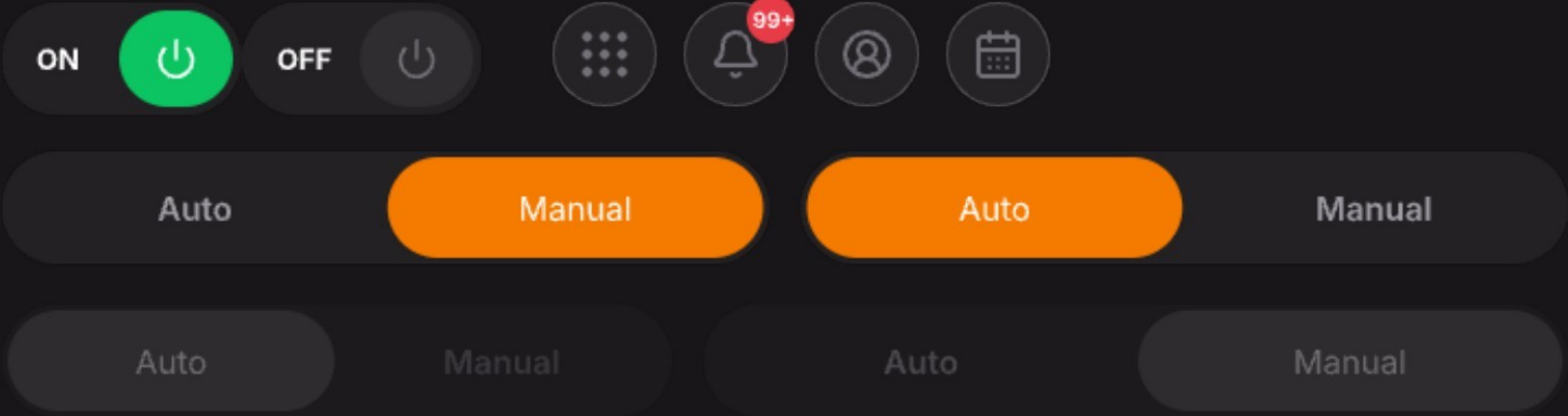
Understanding both the control system and the implementation platform allowed me to define a consistent set of UI components and interaction patterns before designing production screens.



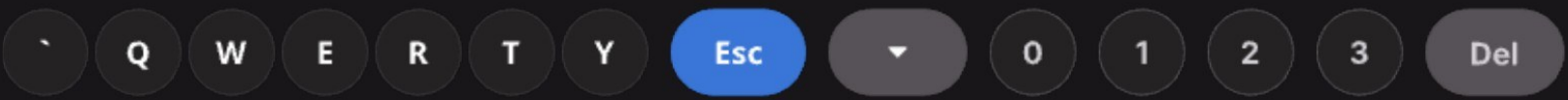
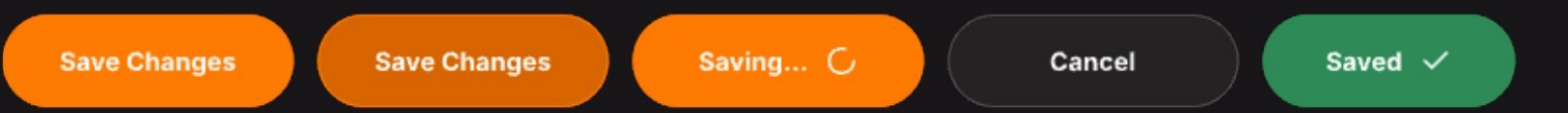
FAN STATES



BUTTON STATES



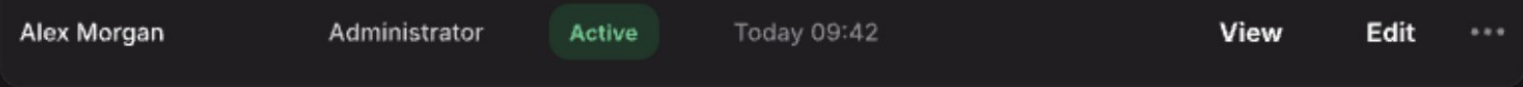
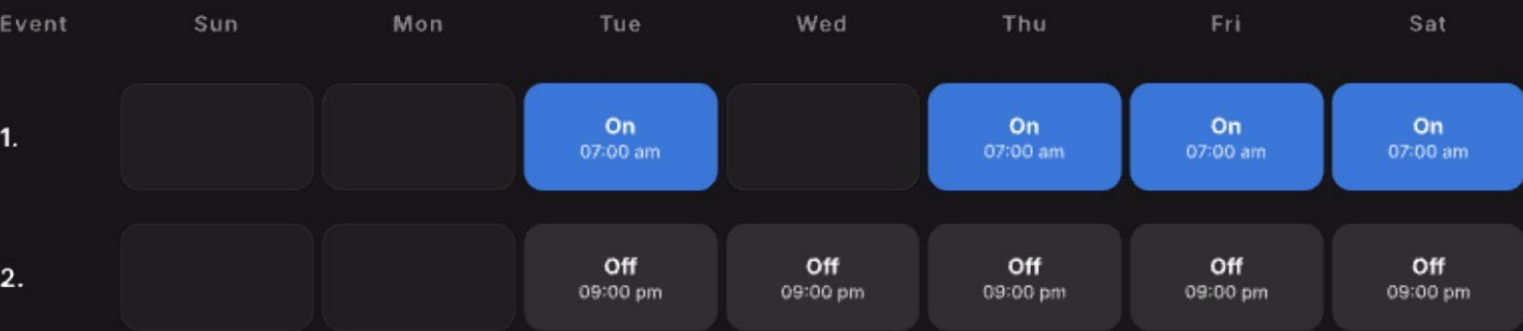
BUTTONS AND STATES



ICONS



SCHEDULING AND TABLES



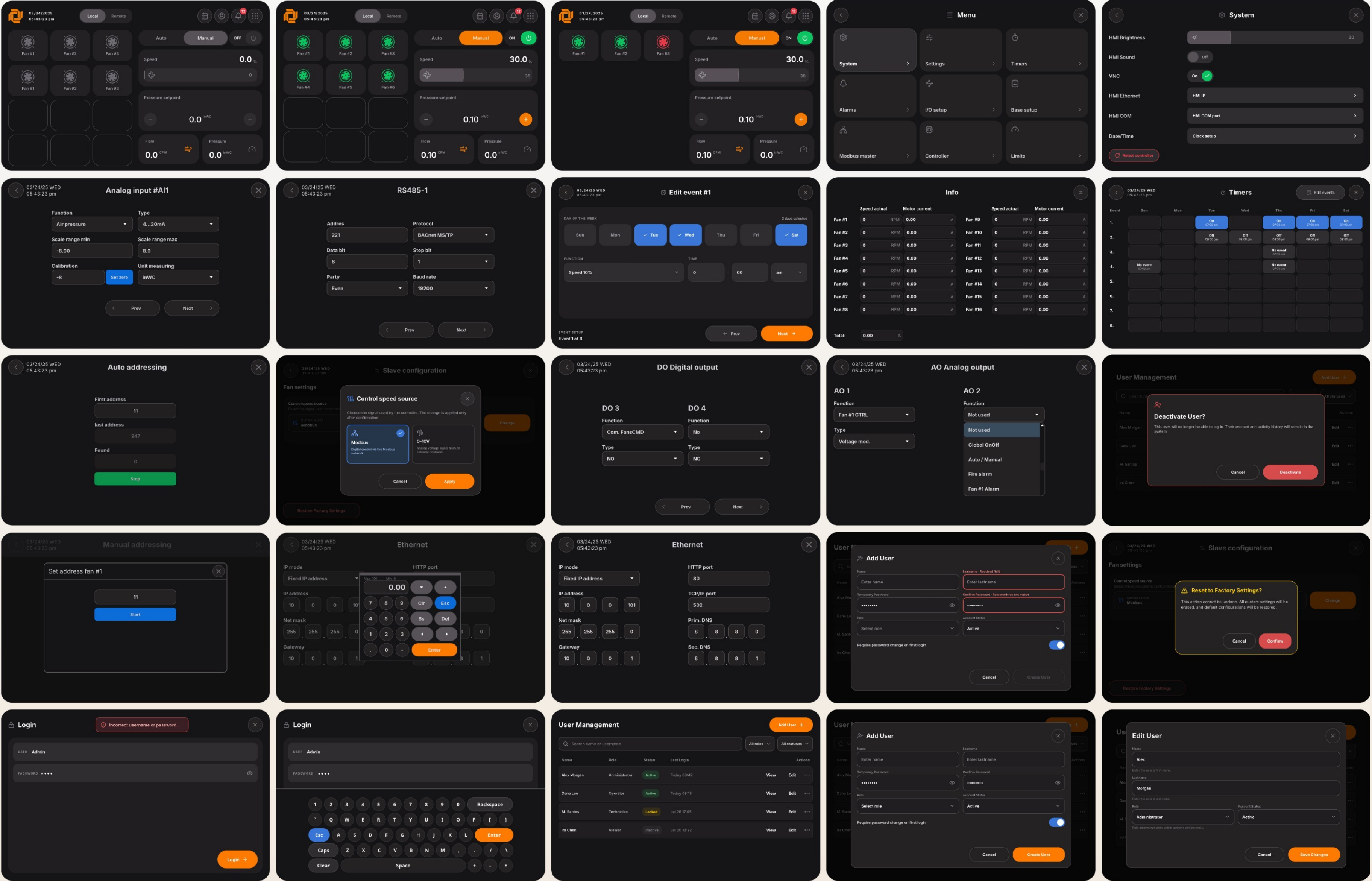
PRODUCTION INTERFACE

The final HMI consists of more than 200 production screens and states covering equipment control, system configuration, scheduling, administration, alarms, validation, and fault handling.

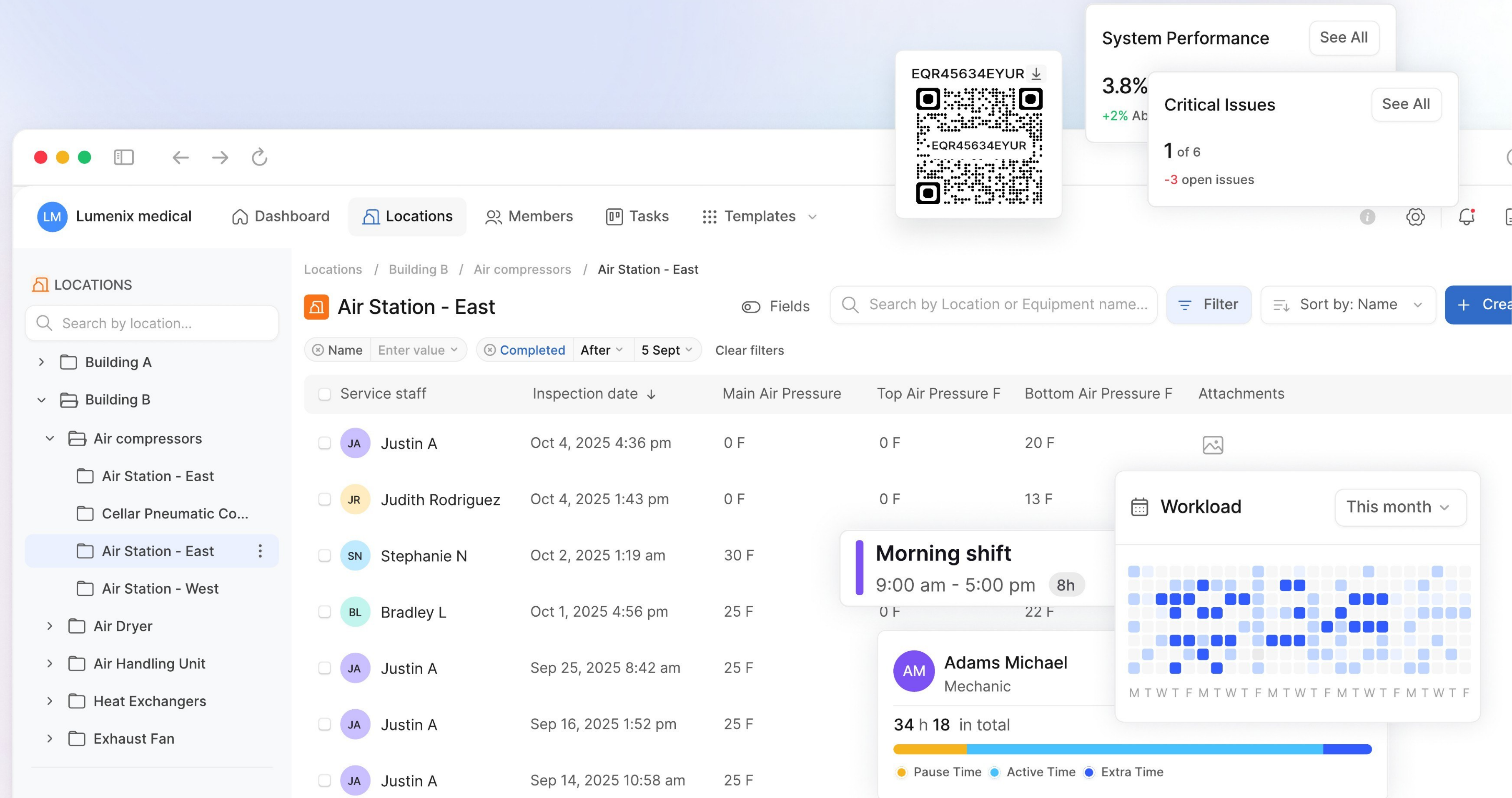
The screens shown here represent a selection of the complete production interface deployed as part of the CreoCore platform.

DESIGN SYSTEM

Reusable components, shared interaction patterns, and consistent system states helped maintain a scalable interface across the entire product, making new screens easier to implement while providing predictable workflows for technicians.



Company	Cyber BMS, inc.
Role	Product UI/UX Designer
Length	8 months
Scope	Product analysis, information architecture, user flows, desktop and mobile UX/UI design, role-based workflows, component system, prototyping, and developer handoff
Year	2025



PRODUCT CONTEXT

Before designing the platform, I mapped the relationships between buildings, locations, rooms, equipment, inspections, maintenance, users, and reports.

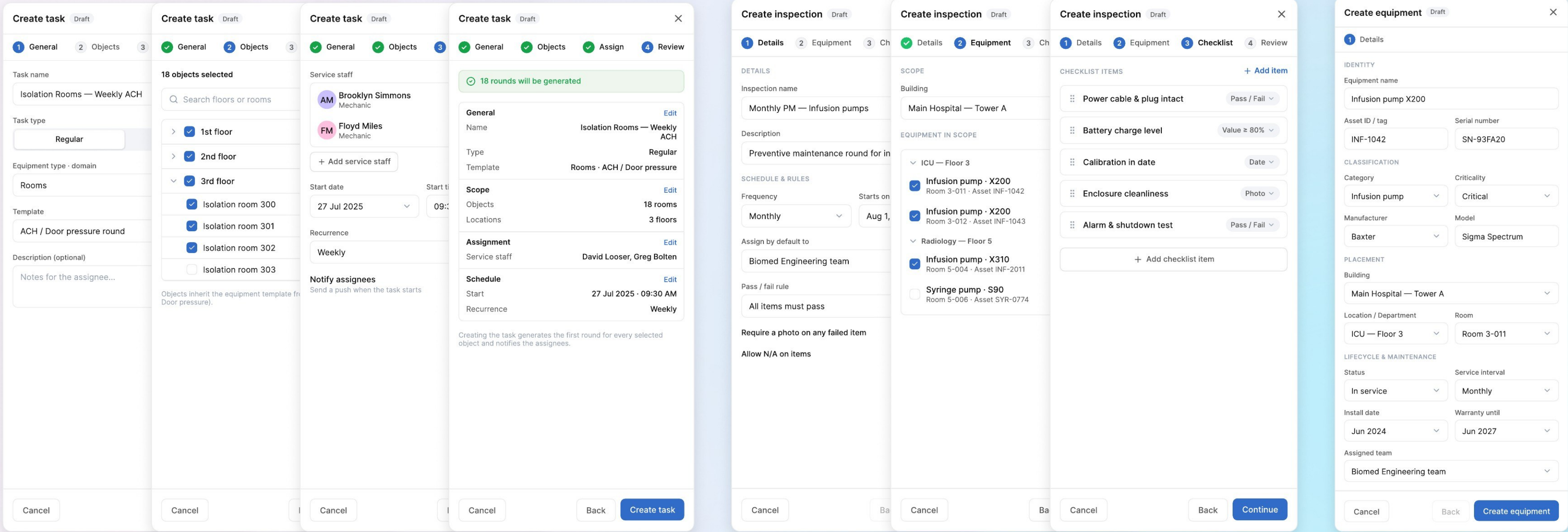
The challenge wasn’t individual screens—it was creating a clear information architecture that connected hundreds of entities, recurring workflows, and different user responsibilities into one coherent product.



THE CHALLENGE

The platform had to support both day-to-day maintenance and urgent incidents while remaining understandable for office staff, technicians, and managers.

This required scalable navigation, consistent data structures, flexible tables, and workflows that could adapt to different equipment types, inspections, permissions, and reporting scenarios.



PRODUCT CAPABILITIES

The platform brings together inspections, maintenance planning, reporting, user management, equipment monitoring, and operational dashboards within a single enterprise workspace.

Connected workflows keep operational data consistent across planning, field execution, issue resolution, and reporting

DESIGN SYSTEM

Reusable tables, forms, filters, dialogs, notifications, and permission-based actions created a consistent interaction model across the platform.

The shared component structure supported different roles and workflows while making new product areas easier to design and extend.

Reporting & analytics

- Inspection reports
Detailed results of inspection and verification checks
- Customizable analytics
Statistics by equipment and locations
- Workload insights
Analysis of team activity and task distribution
- Maintenance forecasts
Planning maintenance and replacements

Critical equipment alerts

Equipment	Status	Last change	Type	Parameter	Value
AV-5 Mechanical Room 314	Error	15 May 2025	Water chiller	Temp	134 °F / ≤110 Rm 314
AV-5 Mechanical Room 314	Alarm	15 May 2025	Water chiller	Pressure	134 psi / 120 Rm 316
AV-6	Inactive				
	Active				
	Warning				
	Maintenance				

New widget

Fields

Equipment name ↓	Status	Service staff	Date	Location	Unit s
Pump station	In Progress	AM	15 May 2025 8:30...	Room	Onli
CP#01	On hold	WM	15 May 2025 8:30...	Room	Onli

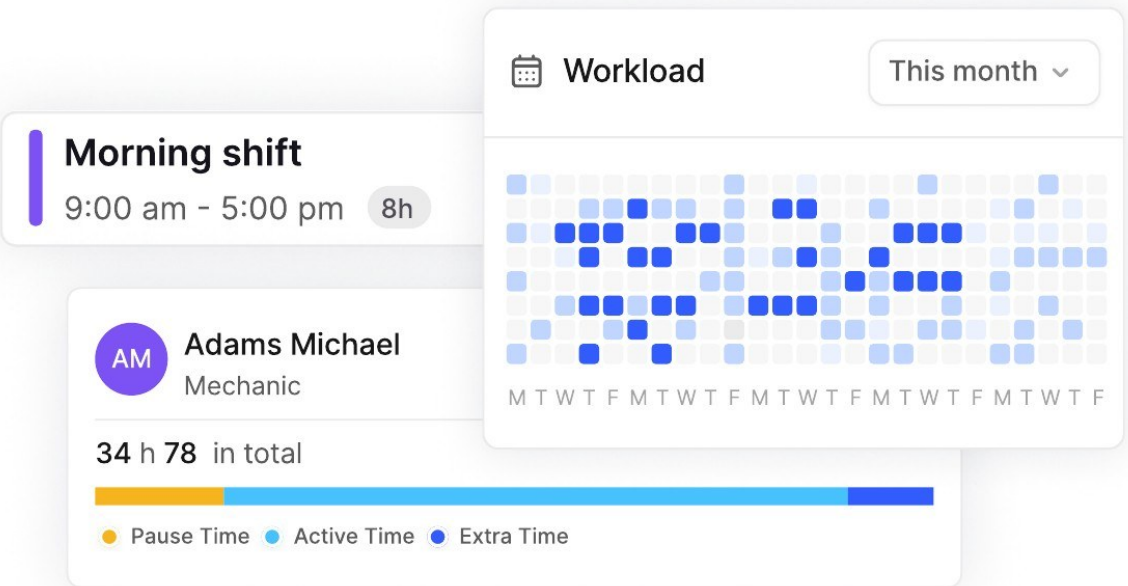
Critical equipment alerts

Stay informed about urgent equipment issues requiring immediate attention.

Add widget

User management

- ✓ Track user activity
- ✓ Assign roles and access permissions
- ✓ Organize by departments
- ✓ Performance rating and work statistics
- ✓ Task execution with QR check-in



Inspections

- Single or multi tasks
Targeted checks of specific equipment
- Comprehensive inspections
In-depth reports on facility and equipment conditions
- Scheduled tasks
Regular inspections carried out according to a set timetable
- Emergency tasks
Unscheduled inspections triggered by urgent needs

Water Pump Inspections

Equipment	Task name	Location
AHU-687	Measure tempera...	Logistics Center > S.
Operation room		center > S.



New task
New task has been assigned to you 9:41 AM



Digital Ecosystem for Industrialized Homebuilding

Over 3.5 years, I designed product experiences across a connected ecosystem of enterprise web and mobile applications supporting Cuby’s industrialized homebuilding model.

The products connected home design, factory engineering, manufacturing operations, workforce training, logistics, and on-site construction execution into a single operational system.

PLANNING & CONFIGURATION

- 3D Home Planner
- Factory Technology Platform
- Construction Workflow Platform

PRODUCTION & OPERATIONS

- Manufacturing Operations Platform
- Factory Operator App
- AI Instruction Builder
- Workforce Learning App

LOGISTICS & FIELD OPERATIONS

- Fleet Management Platform
- Delivery Mobile App
- Construction Field App

MANAGING THE ECOSYSTEM

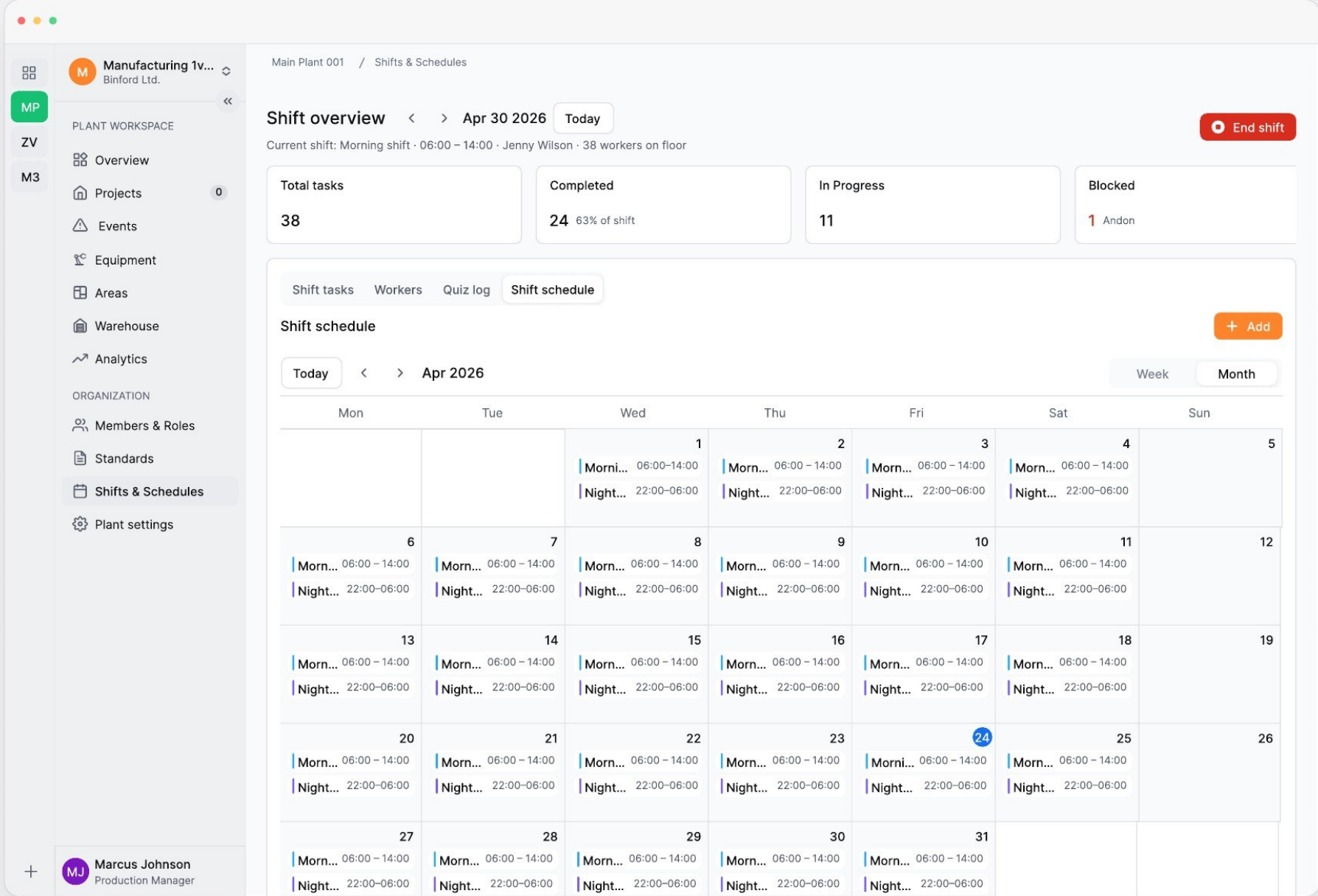
- Admin Management Platform

Company	Cuby Technologies, Inc.
Role	Product Designer
Year	2023-2026

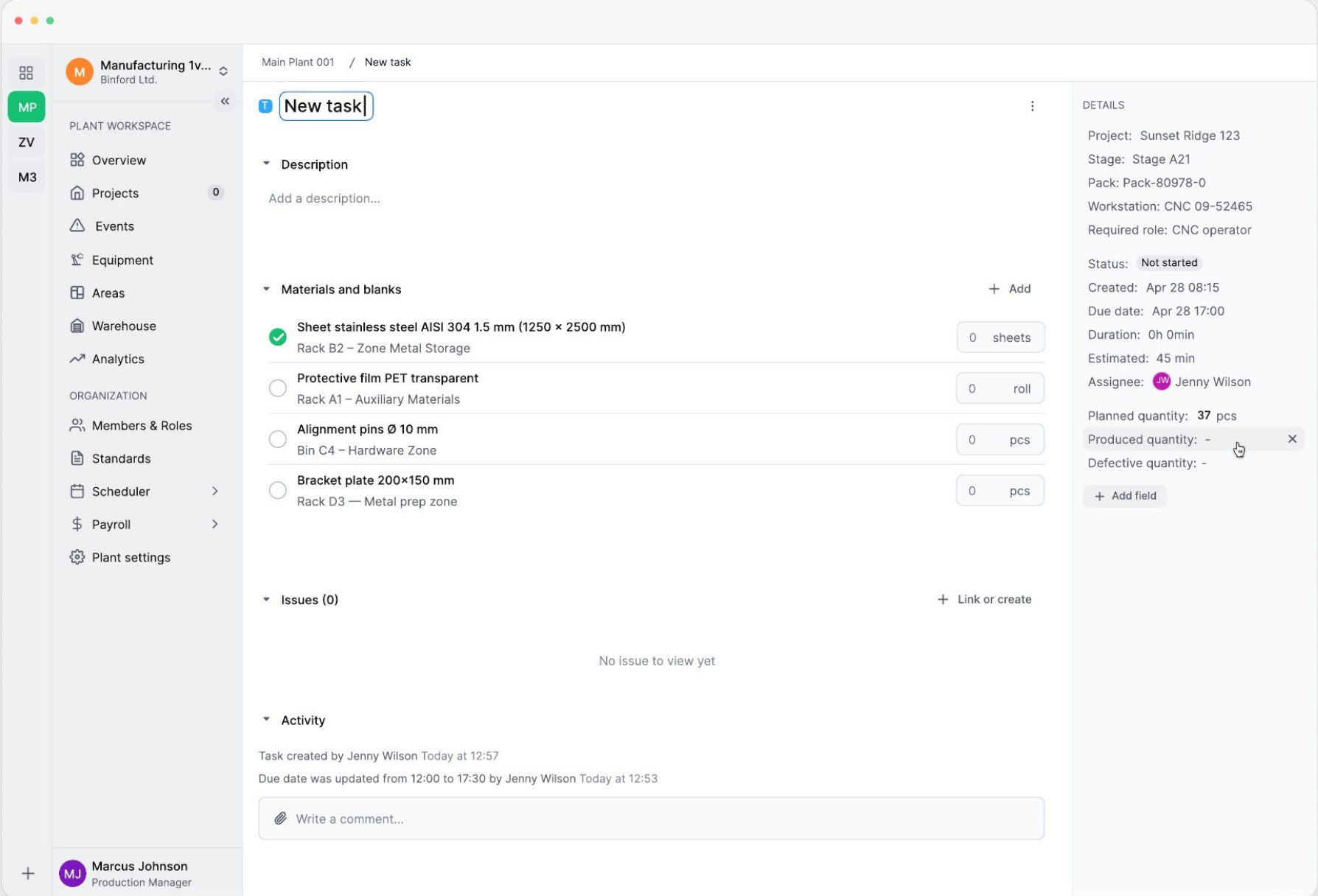
Manufacturing Operations Platform

Enterprise platform for planning and managing production, workforce, equipment, warehouses, factory layouts, and daily operations.

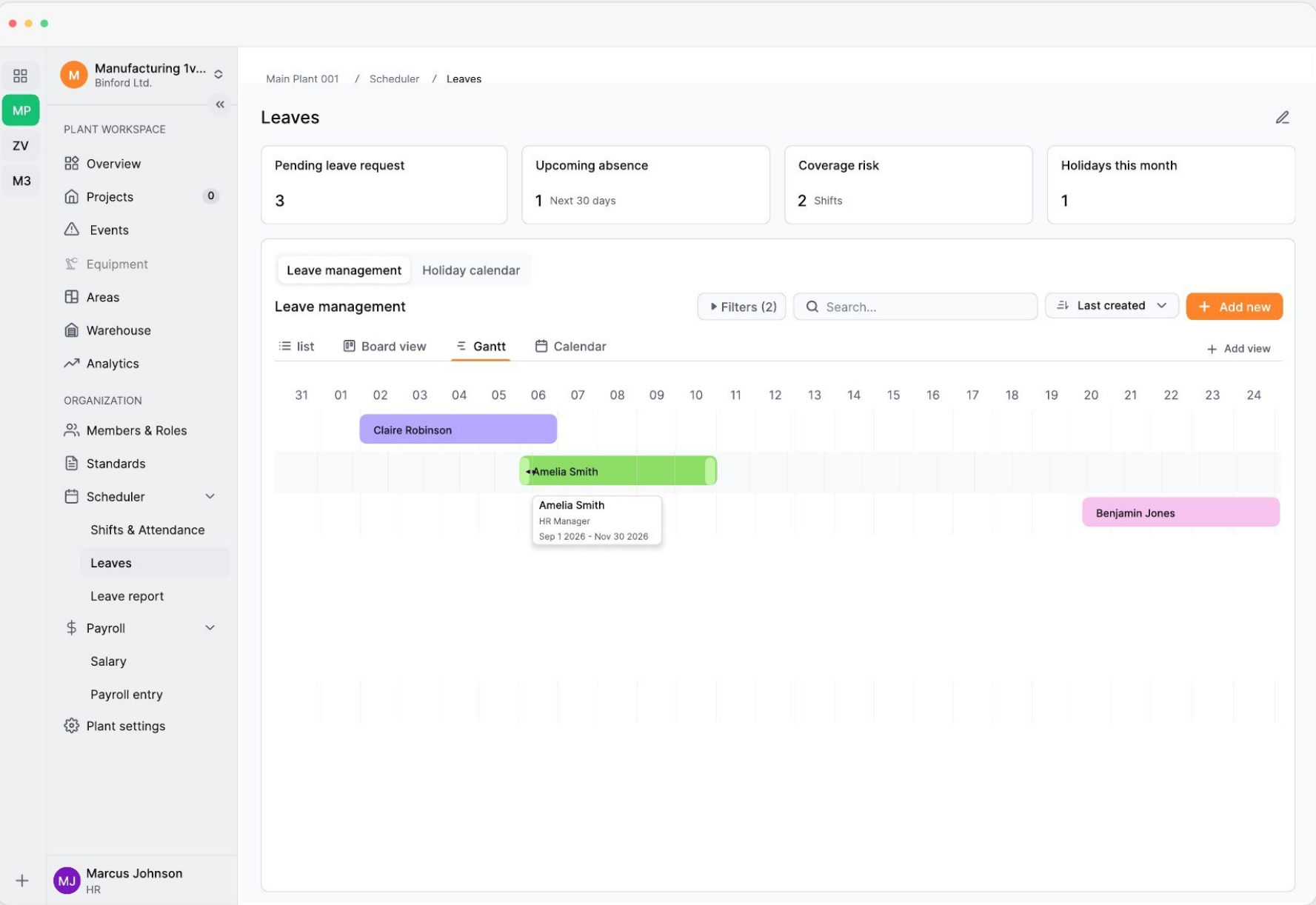
Company	Cuby Technologies, Inc.
Role	Product Designer
Focus	Production operations, workforce management, factory layouts, warehouse operations
Scope	User flows, information architecture, interaction design, design system, UX writing, and prototyping
Year	2026



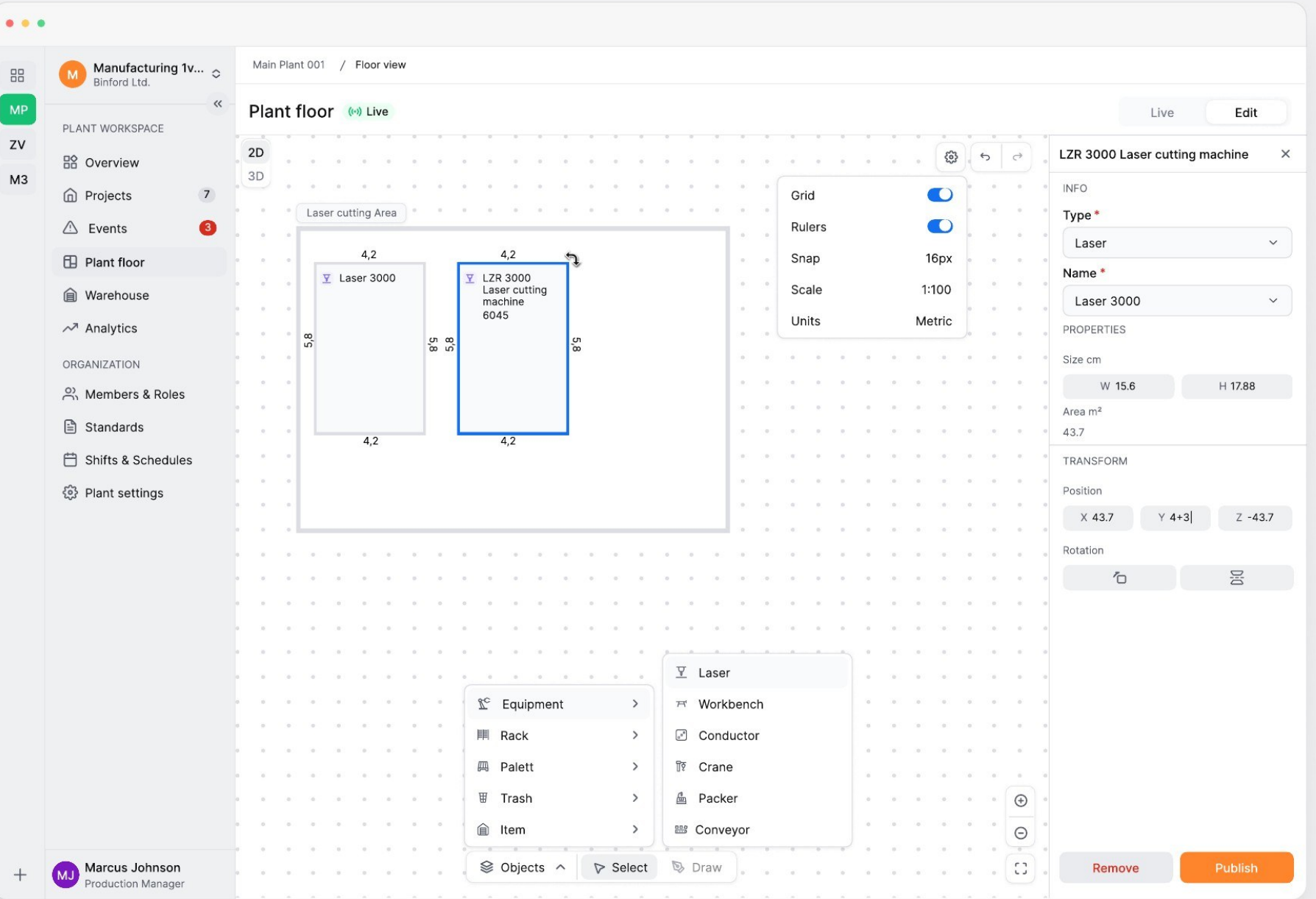
Shift Scheduling



Production Tasks



Leave Management



Plant Layout

3D Home Planner

Web-based 3D home design platform for creating floor plans, designing interiors, furnishing spaces, applying materials, and previewing projects in real time and AR.

Company

Cuby Technologies, Inc.

Role

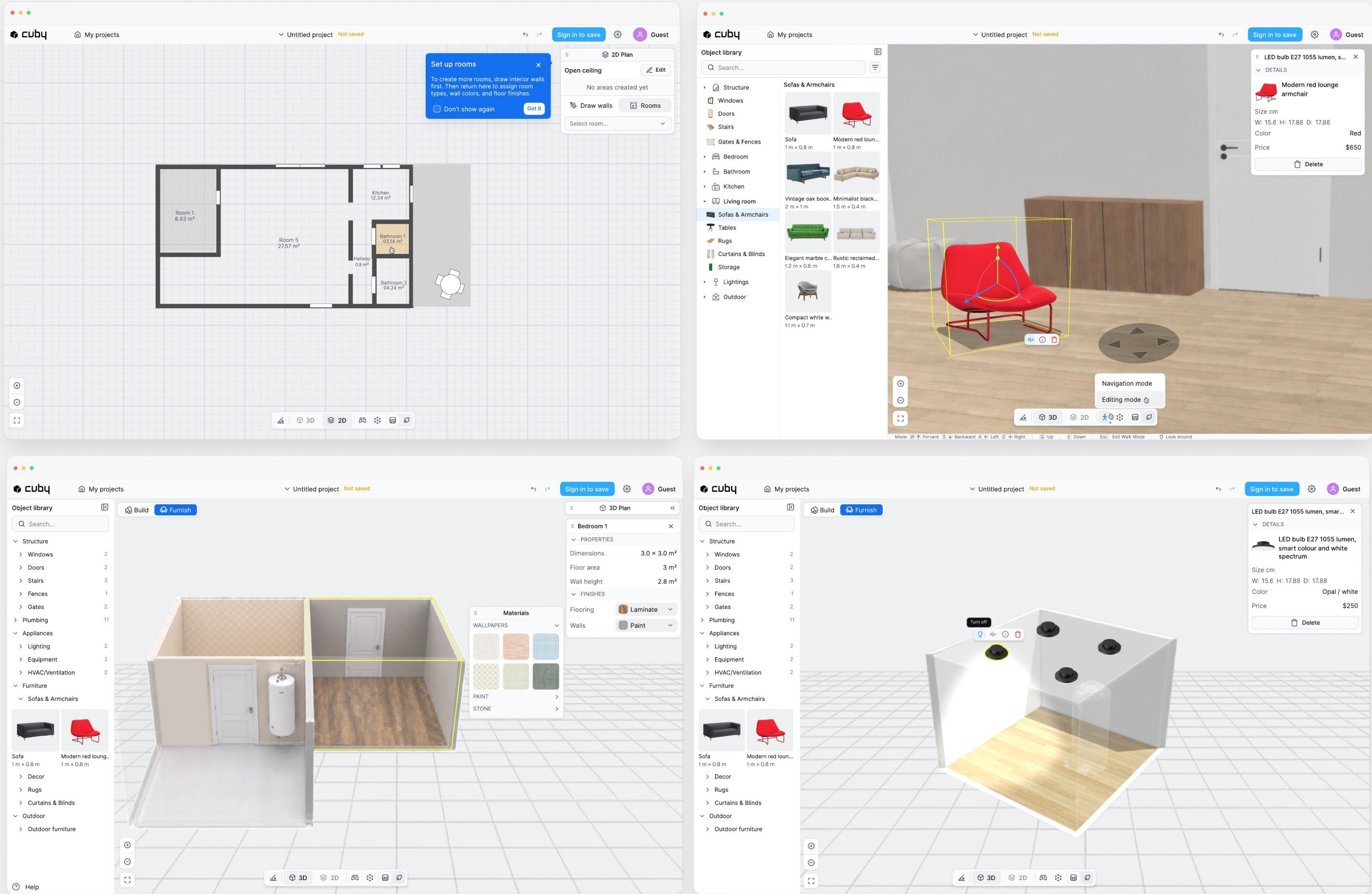
Product Designer

Scope

User flows, information architecture, interaction design, design system, UX writing, and prototyping

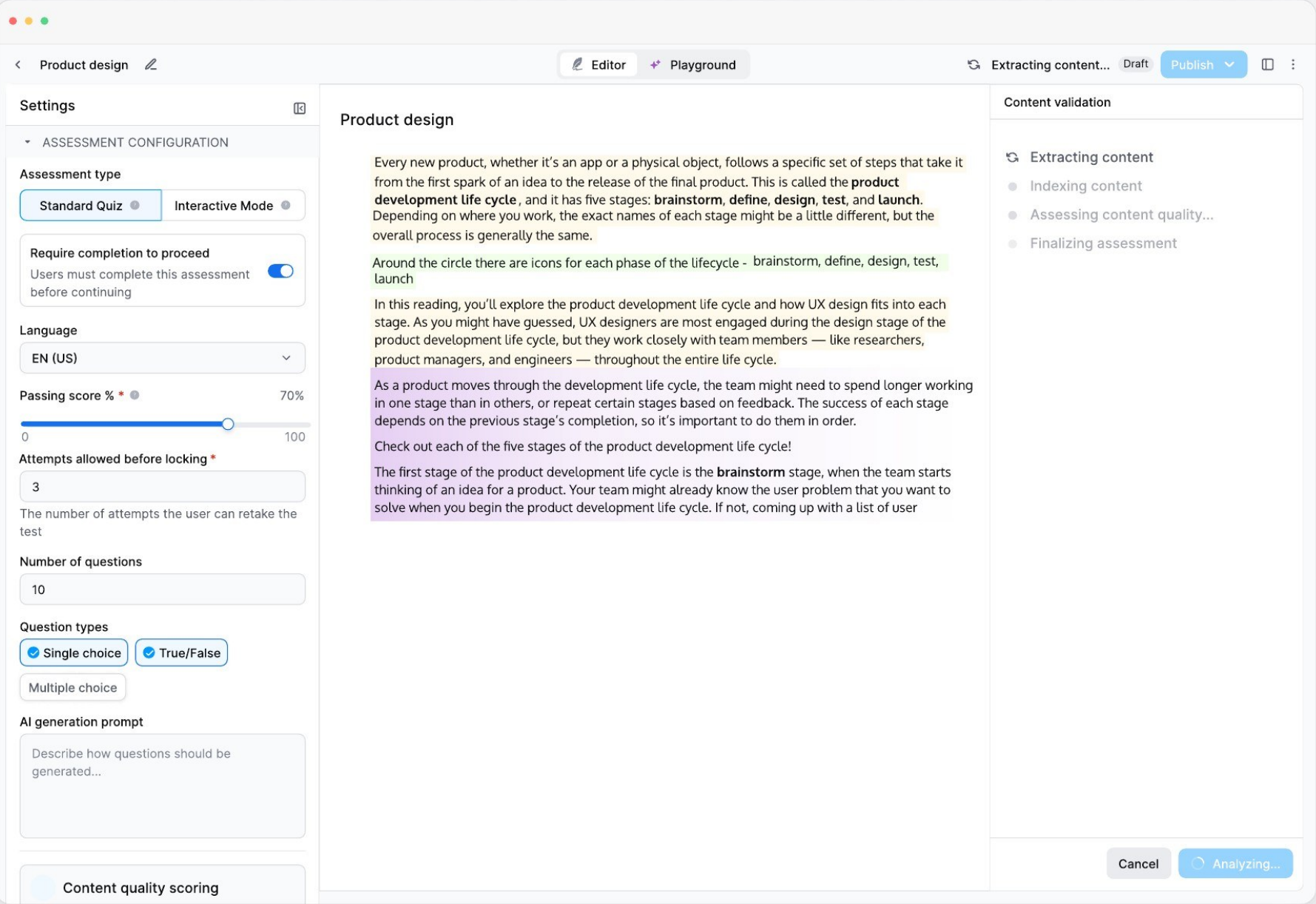
Year

2025

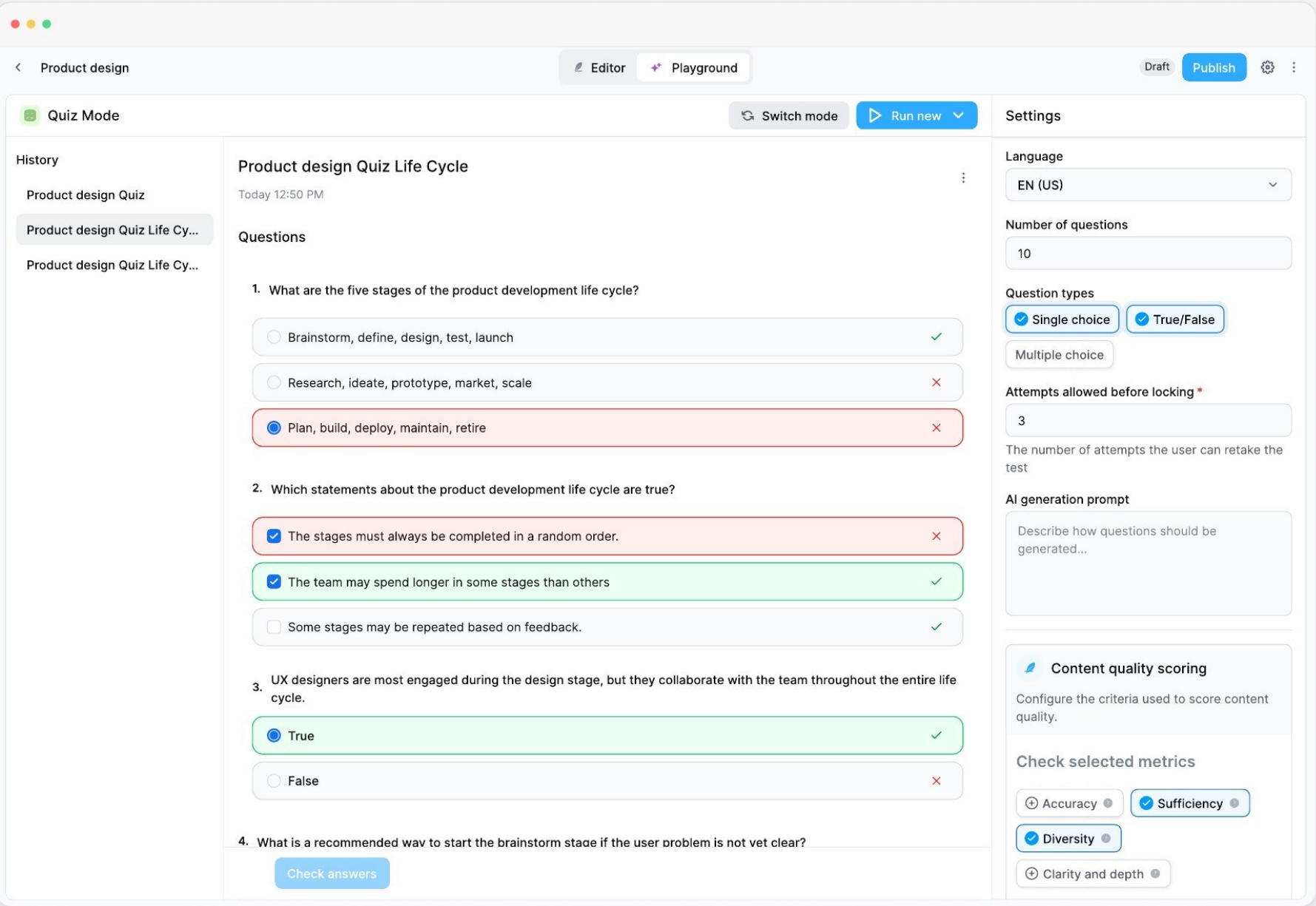


AI Instruction Builder

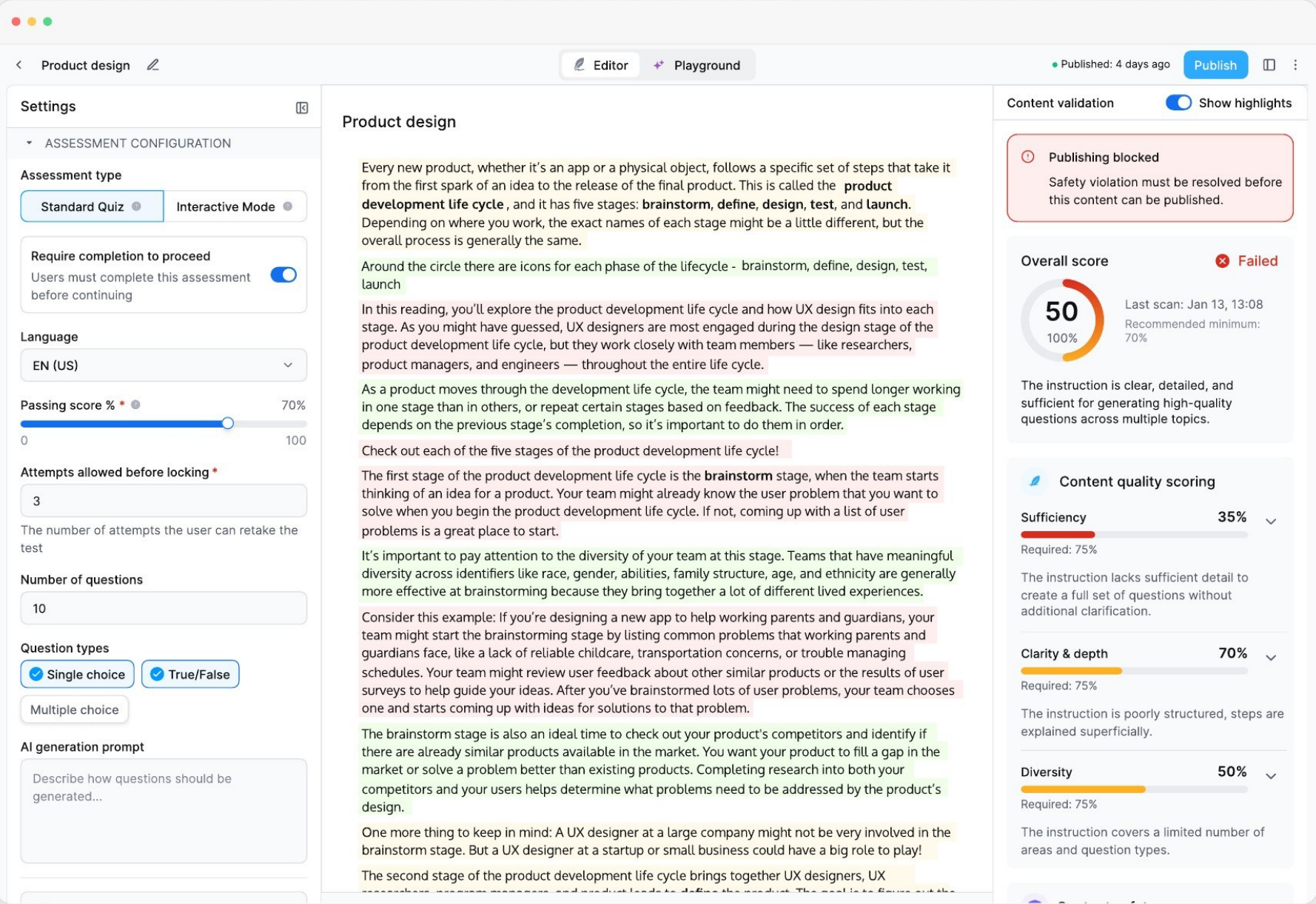
AI-powered platform for creating workplace training, validating content quality and safety, and generating employee assessments in chat or quiz formats.



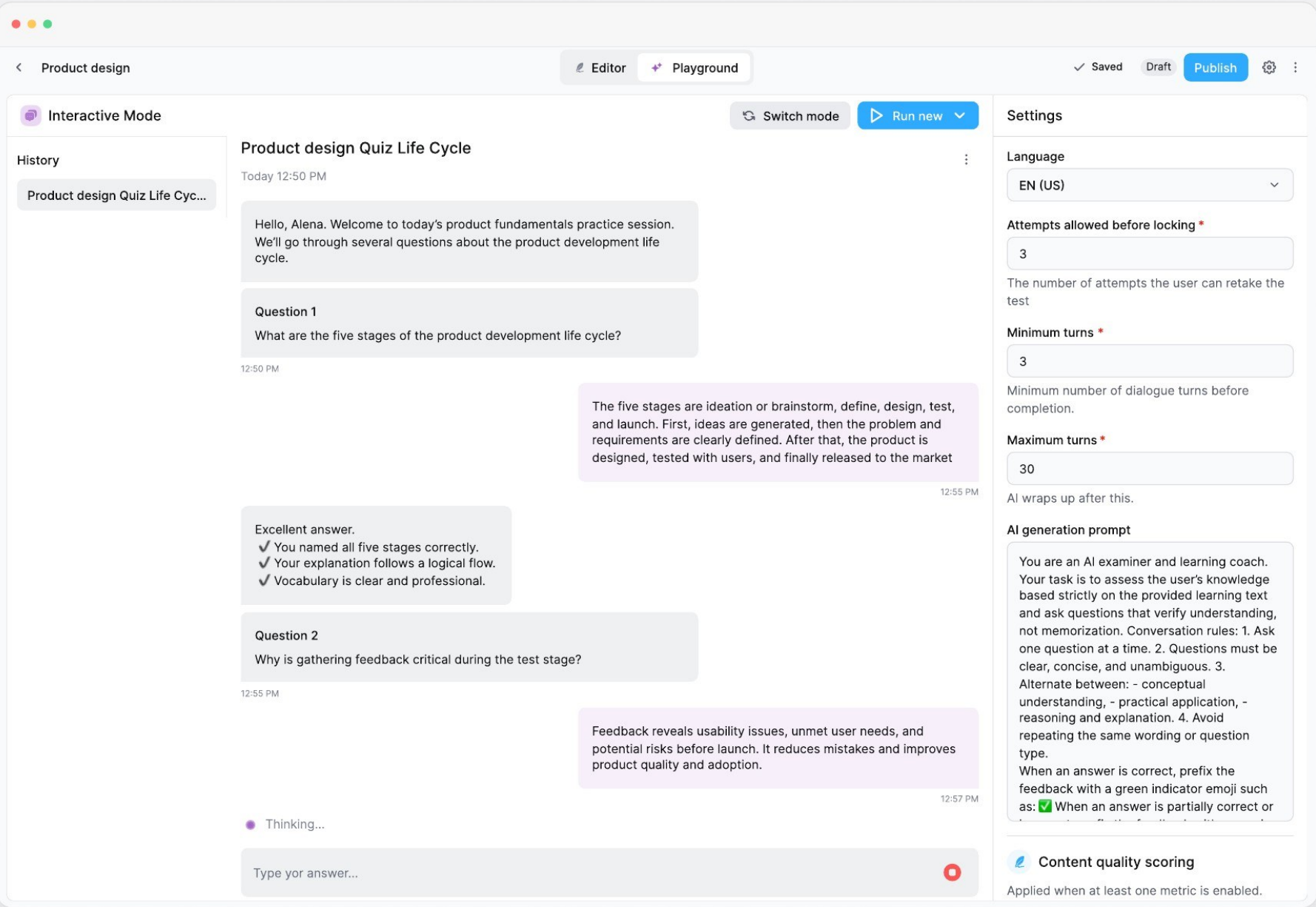
AI Content Generation



Quiz Builder



Content Validation



AI Chat Assessment

Company

Cuby Technologies, Inc.

Role

Product Designer

Scope

User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping

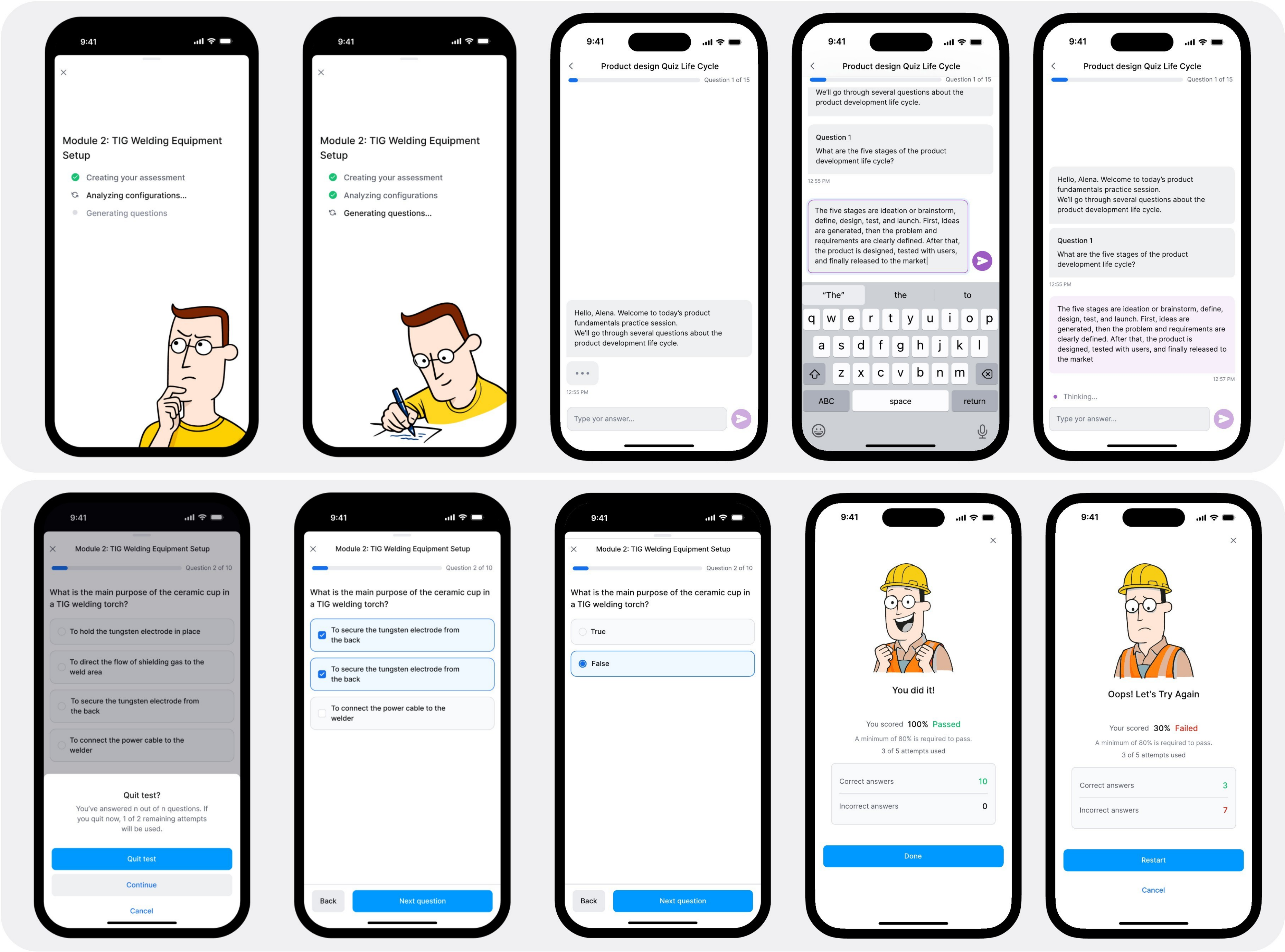
Year

2025

Workforce Learning App

Mobile application for completing AI-generated workplace training through conversational AI or adaptive quizzes, with instant feedback and progress tracking.

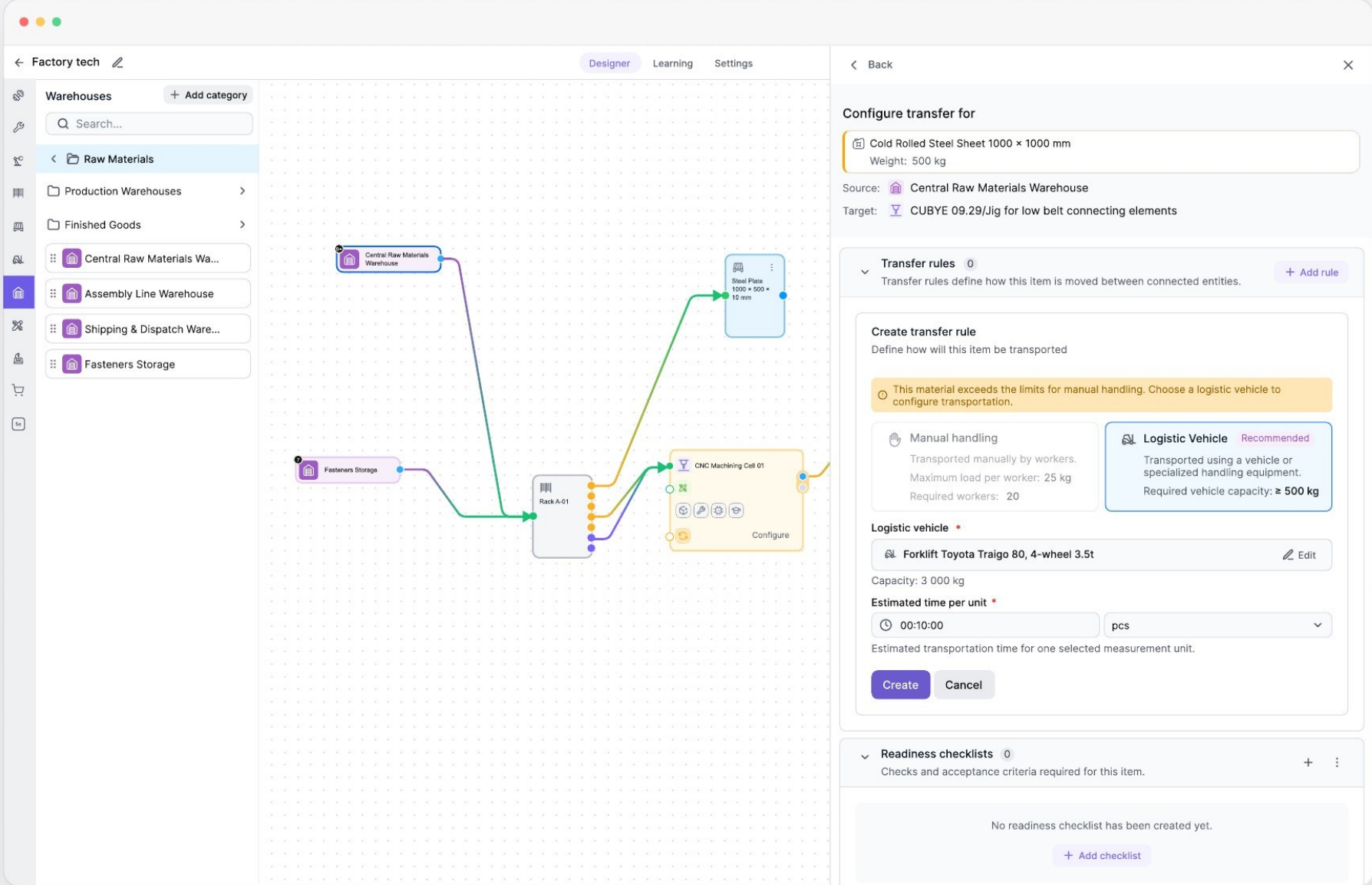
Company	Cuby Technologies, Inc.
Role	Product Designer
Scope	User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping
Year	2025



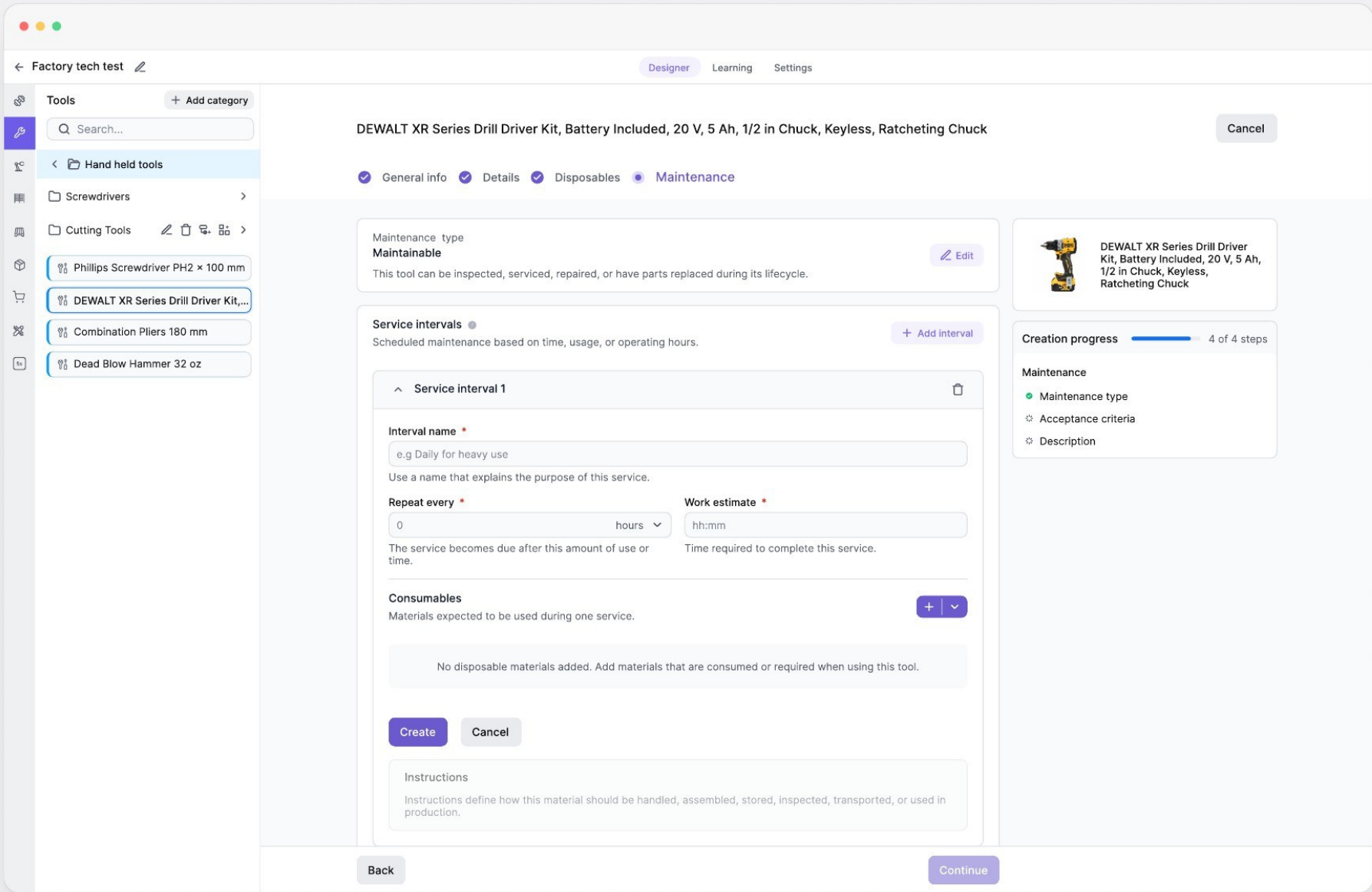
Factory Technology Platform

Enterprise platform for designing production processes, managing manufacturing resources, configuring material flow, and standardizing factory operations.

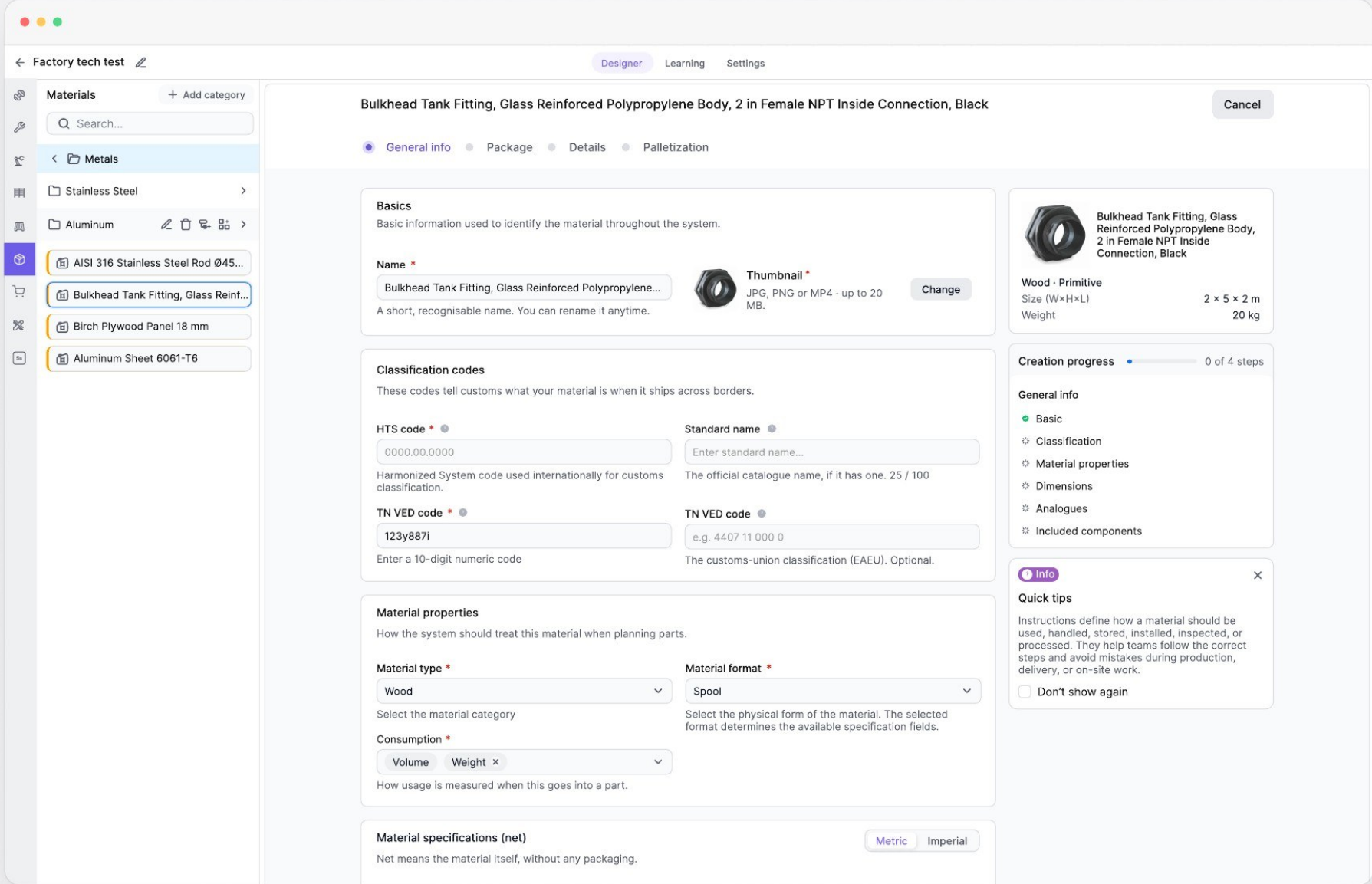
Company	Cuby Technologies, Inc.
Role	Product Designer
Focus	Manufacturing workflows, equipment management, production planning, workflow configuration, enterprise UX
Scope	User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping
Year	2024-2026



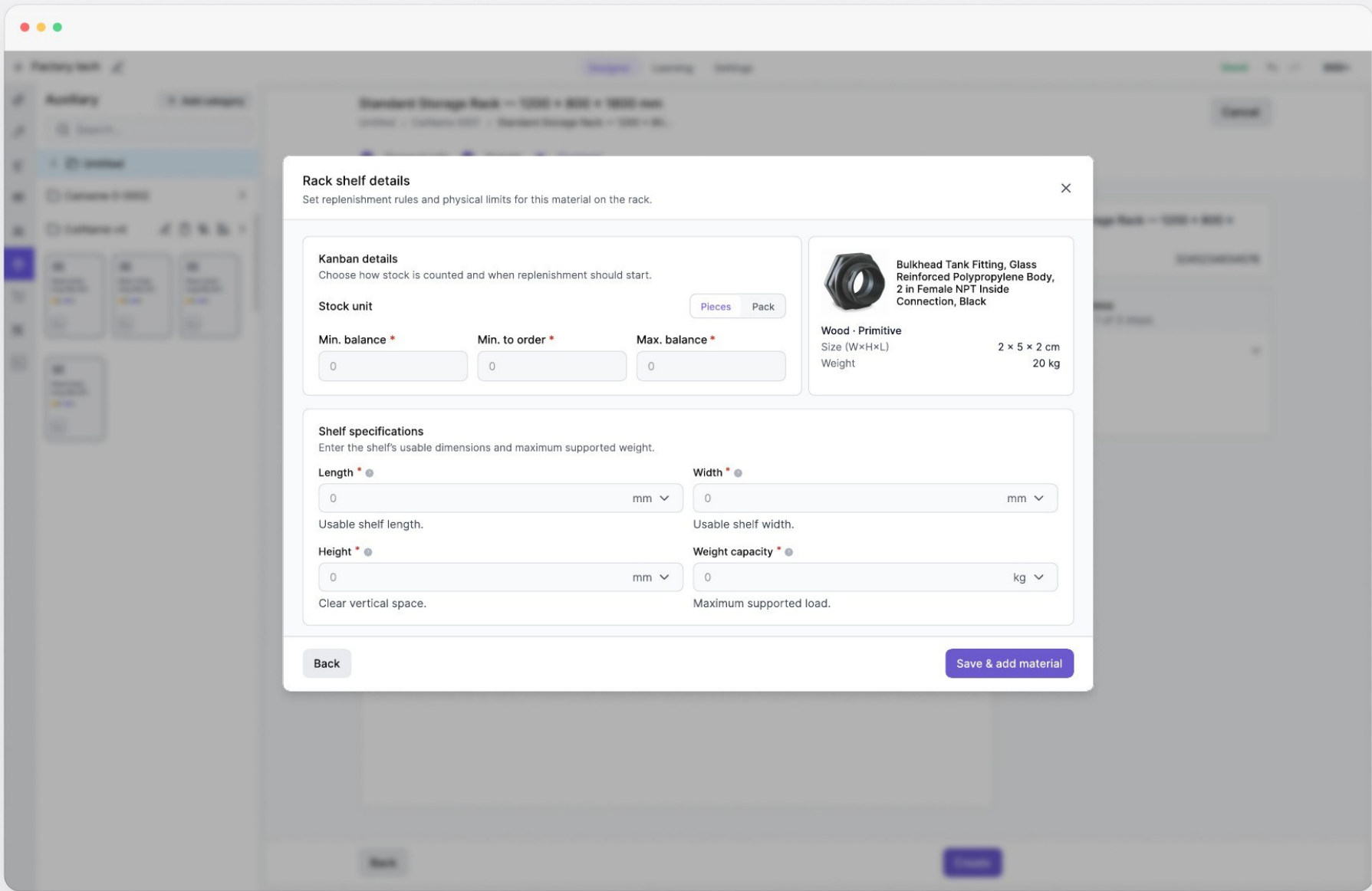
Workflow Configuration



Tool Management



Material Management

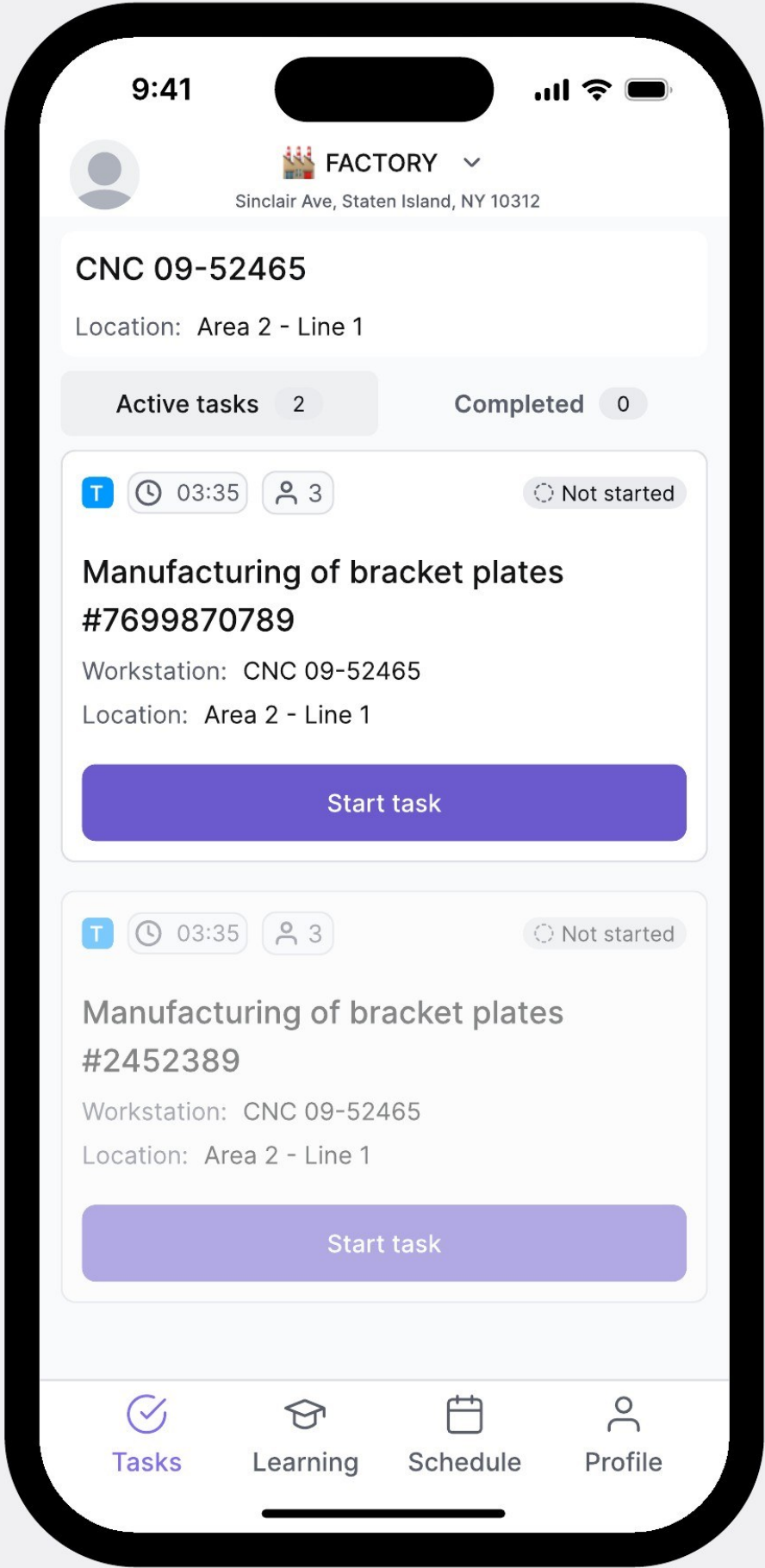
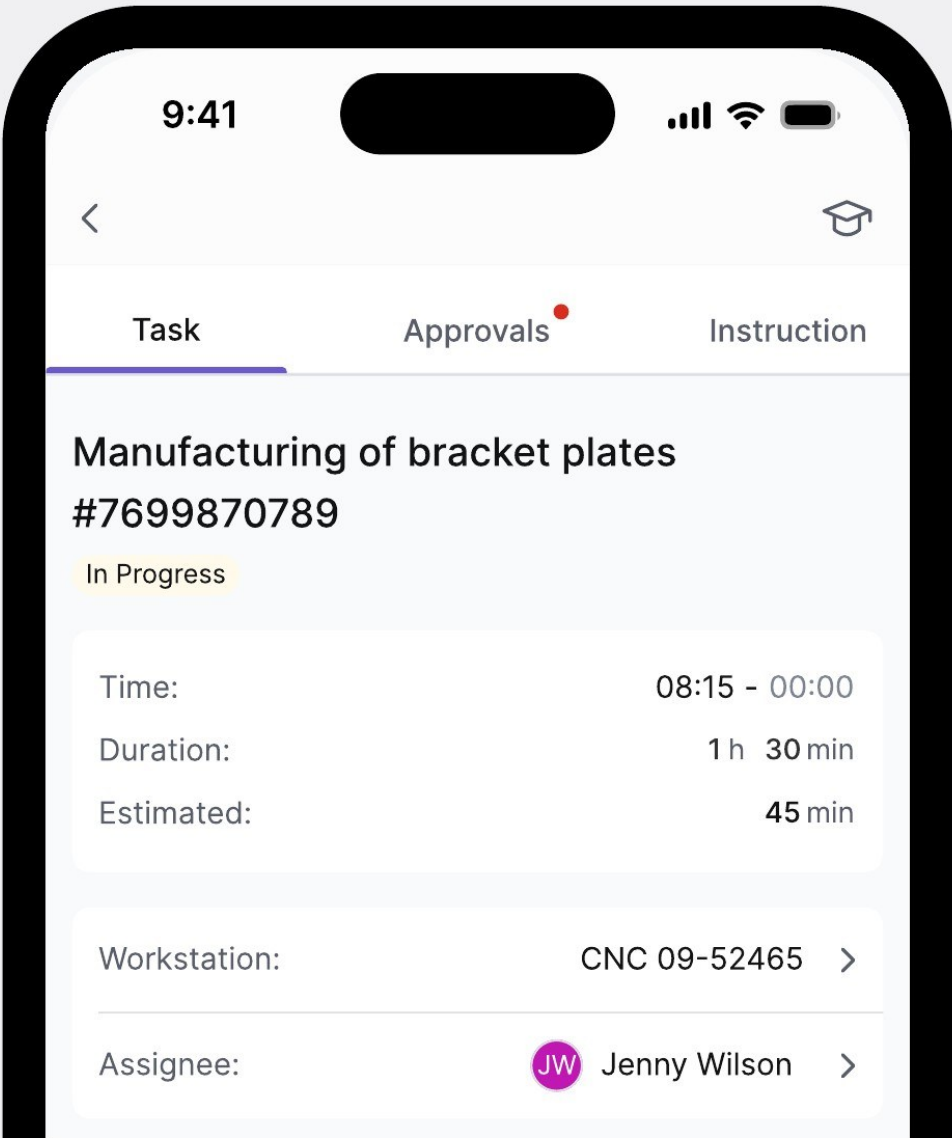
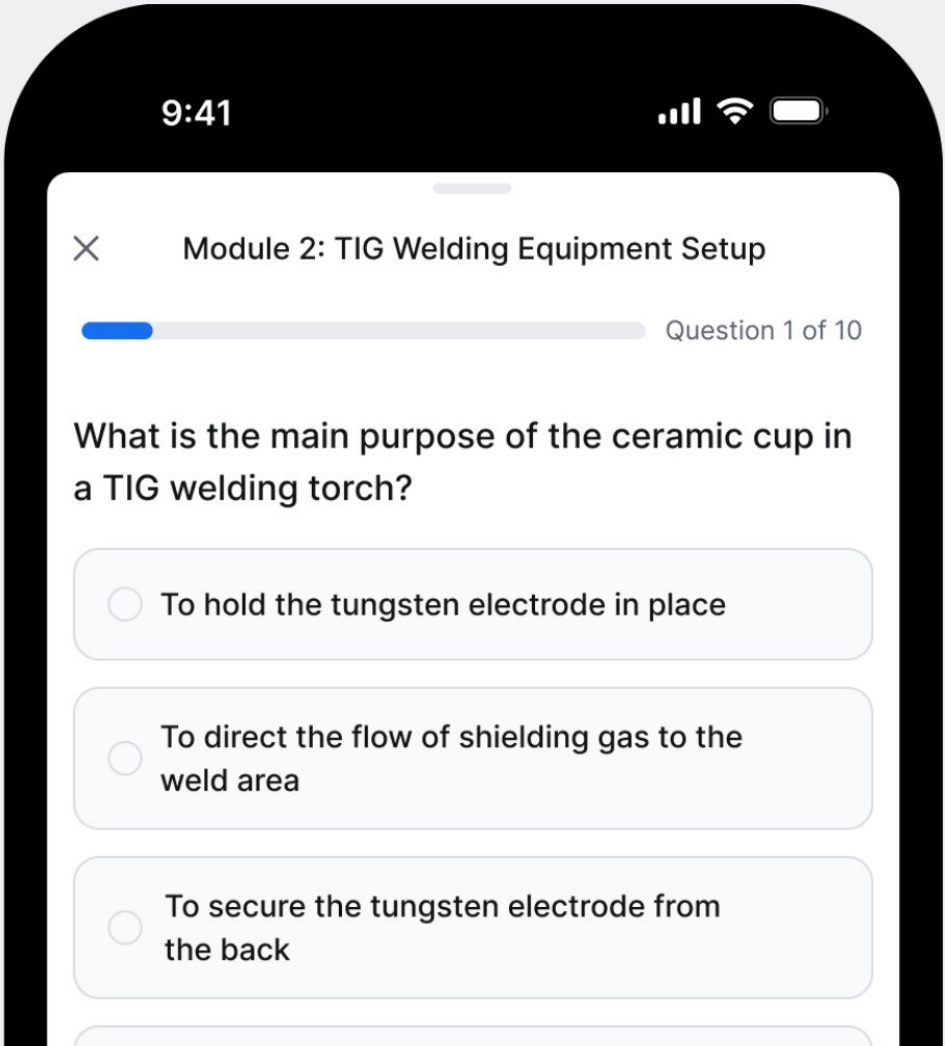


Storage Configuration

Factory Operator App

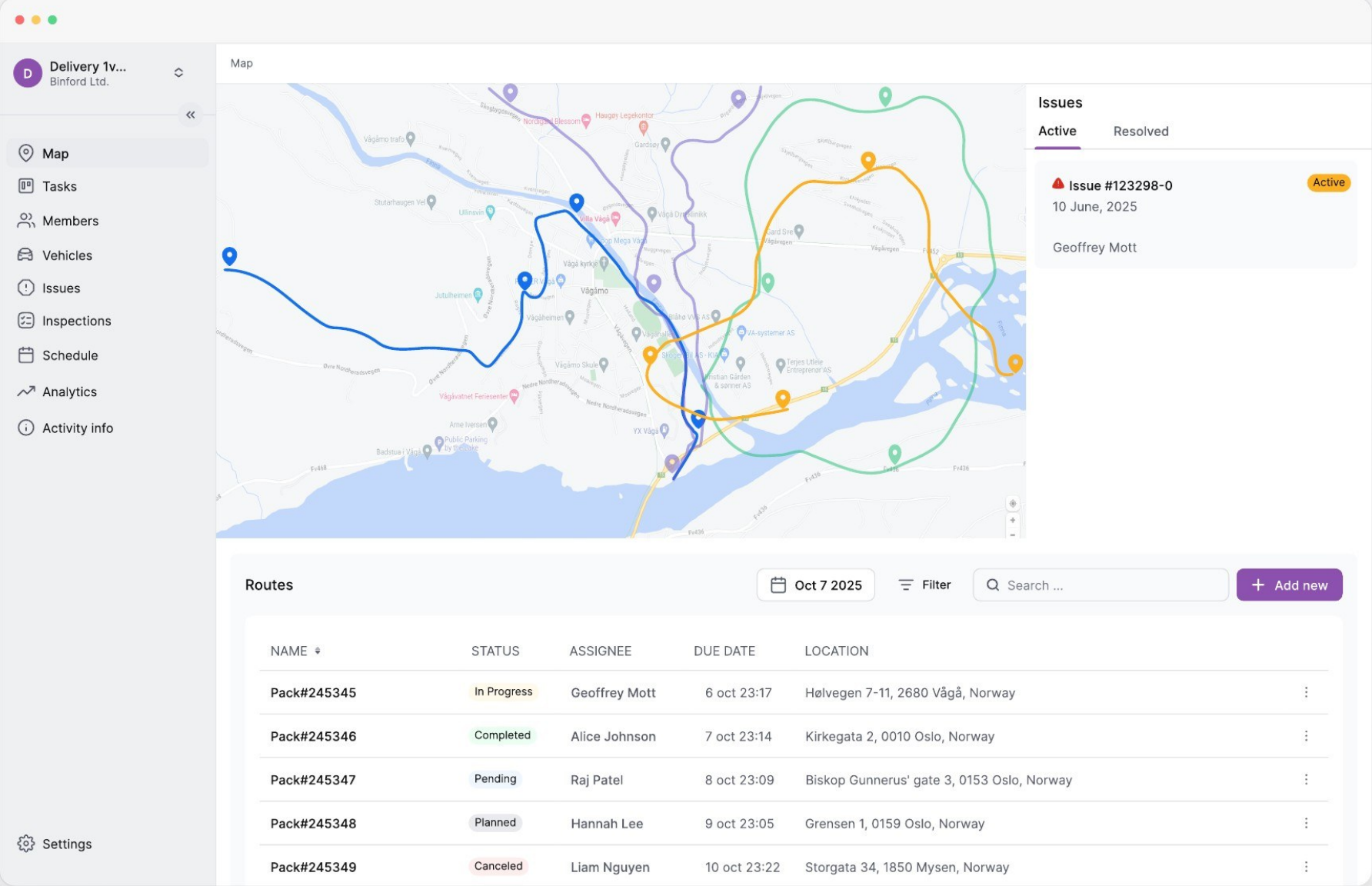
Mobile application guiding factory operators through production tasks, equipment certification, work instructions, approvals, and manufacturing execution.

Company	Cuby Technologies, Inc.
Role	Product Designer
Scope	User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping
Year	2024

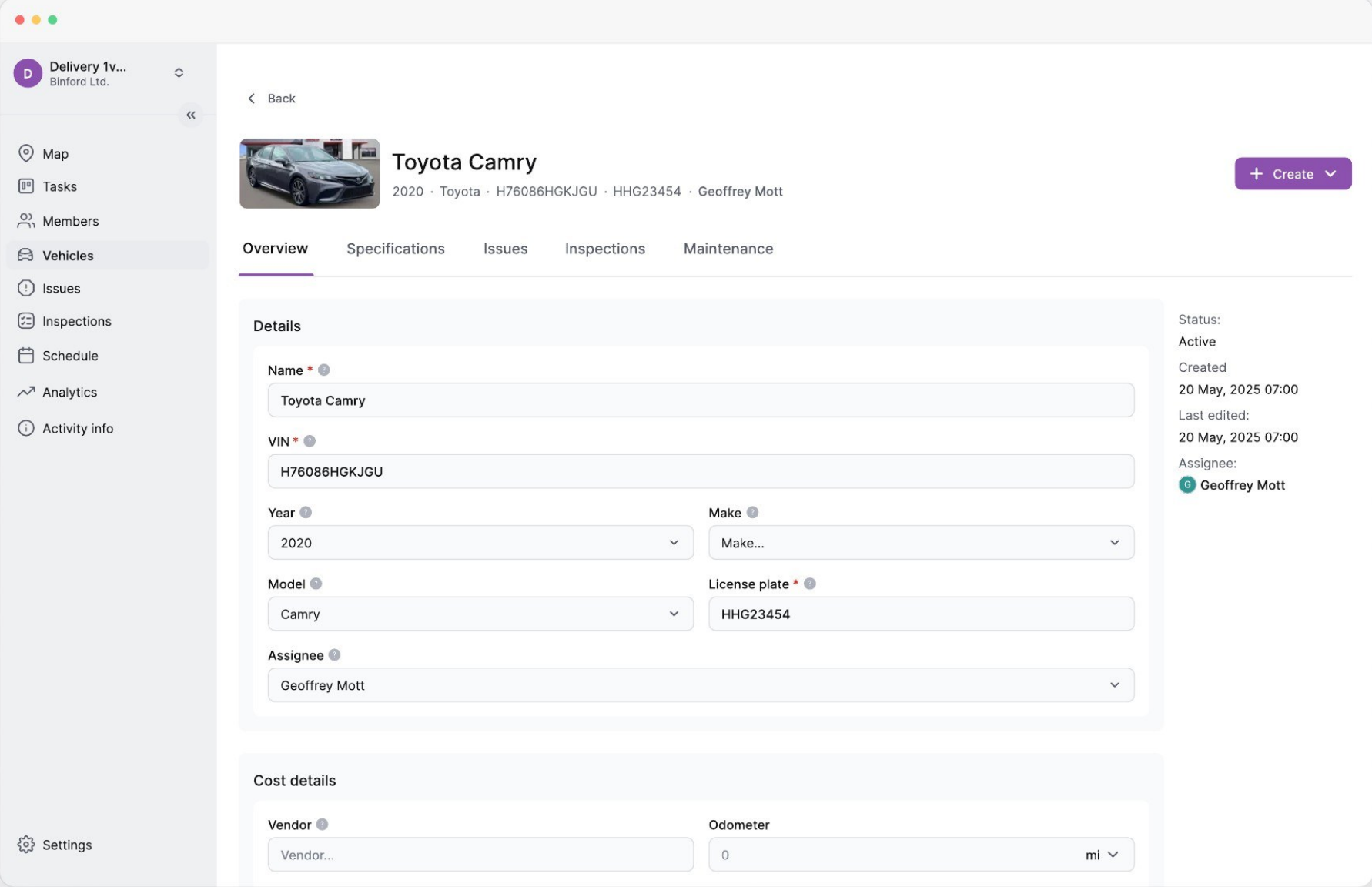


Fleet Management Platform

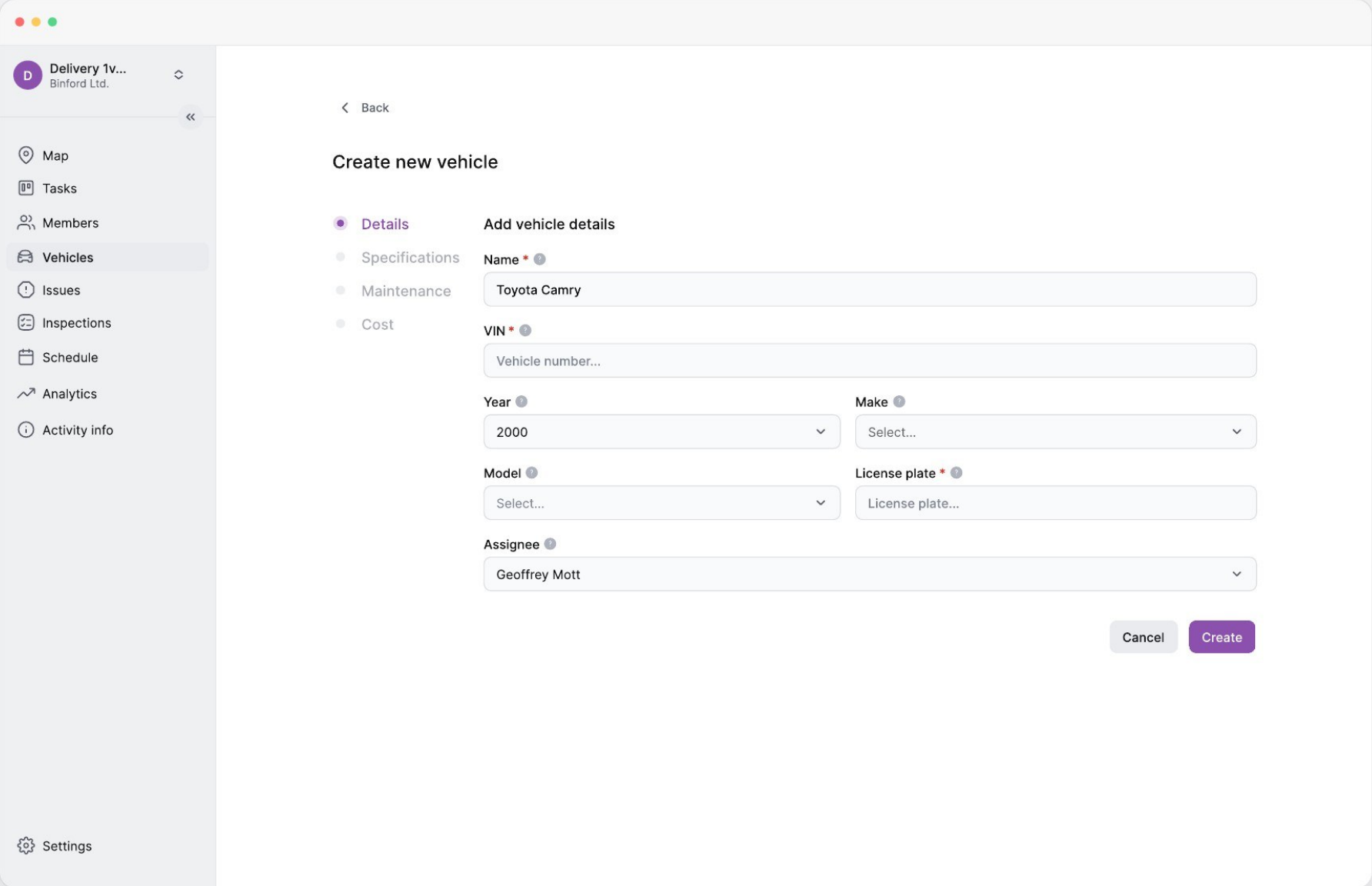
Enterprise platform for route planning, fleet and asset management, driver scheduling, vehicle inspections, maintenance, and delivery operations.



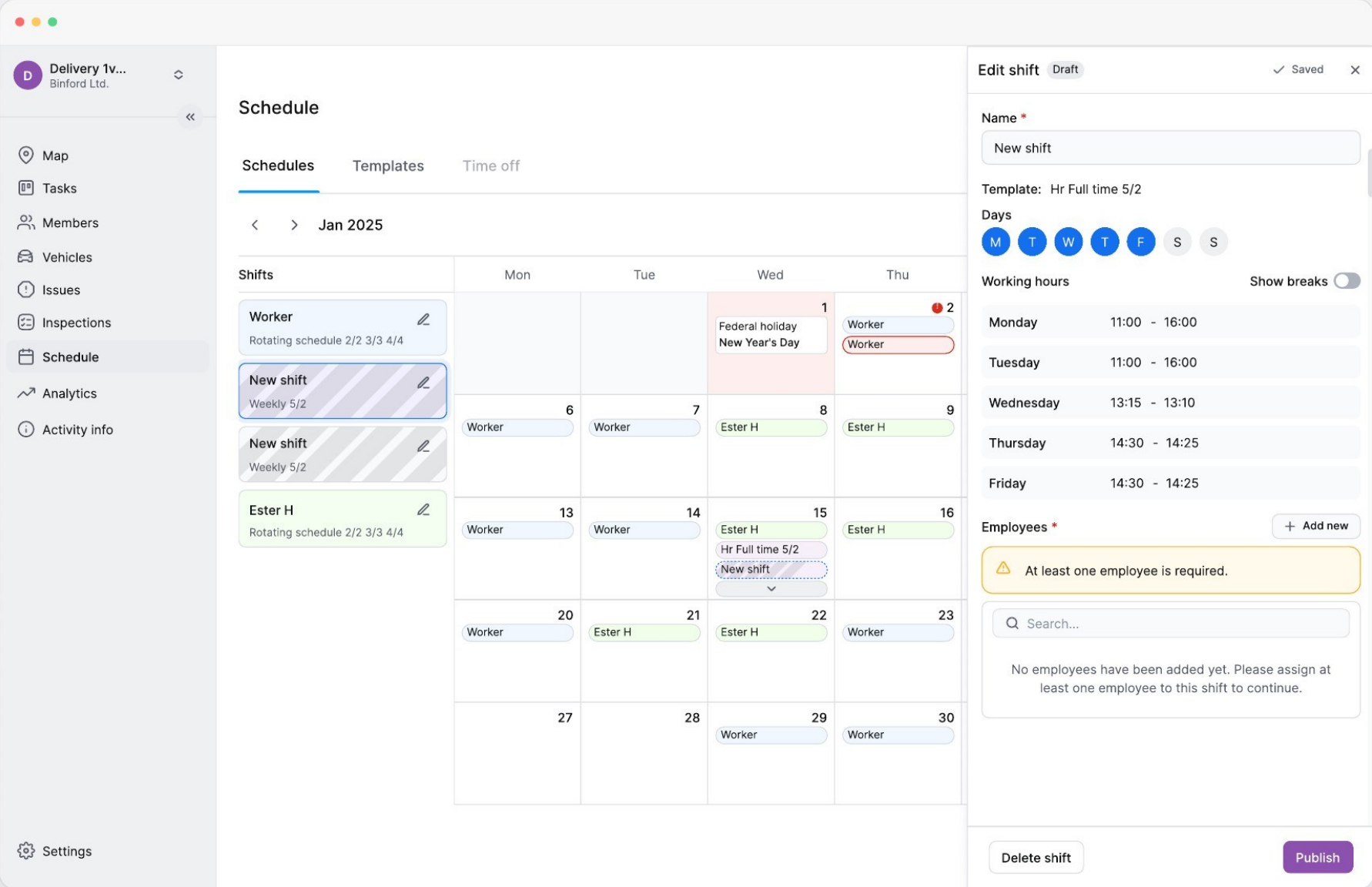
Route Management



Fleet Management



Vehicle Registration



Schedule Management

Company

Cuby Technologies, Inc.

Role

Product Designer

Scope

User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping

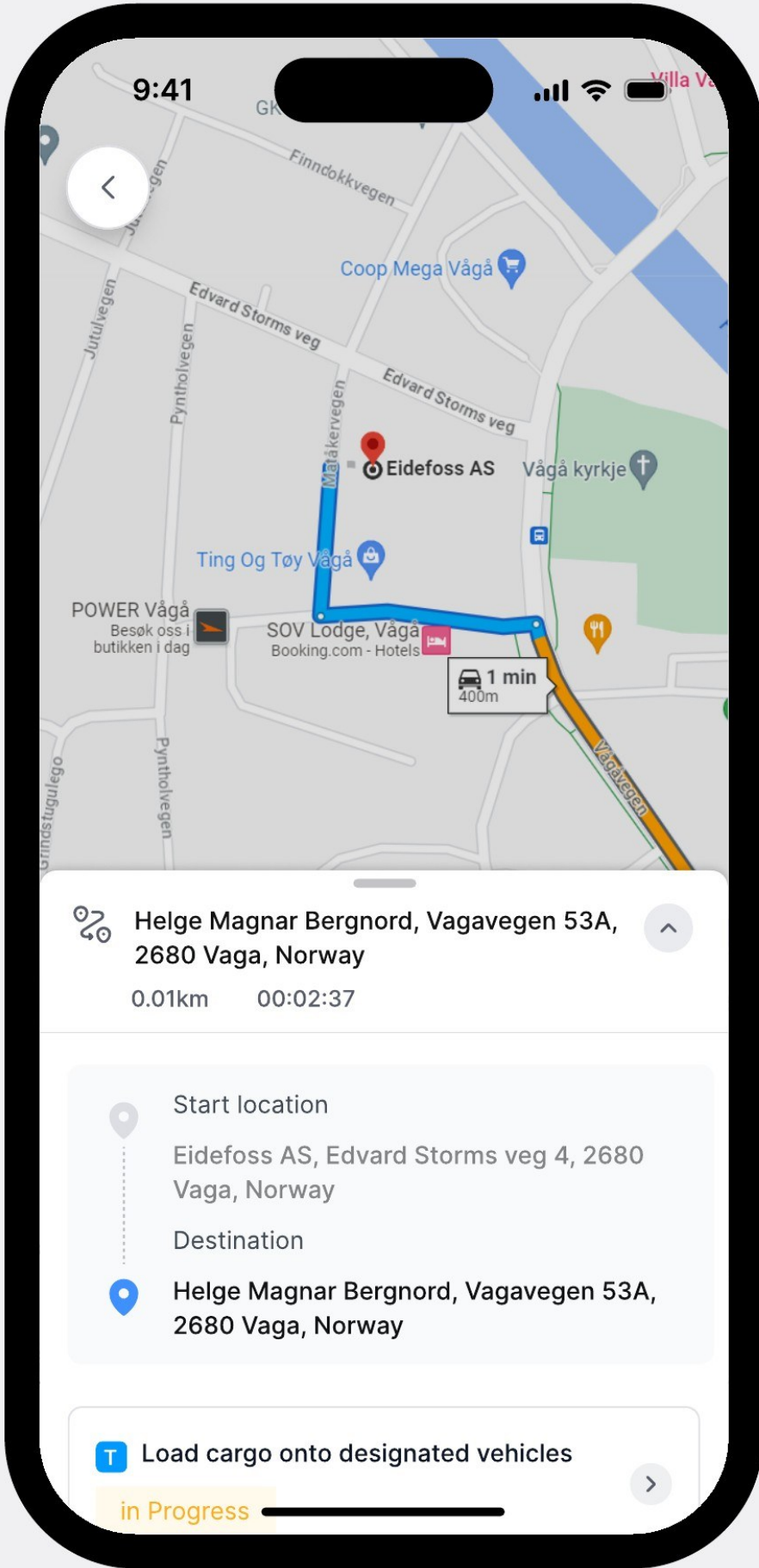
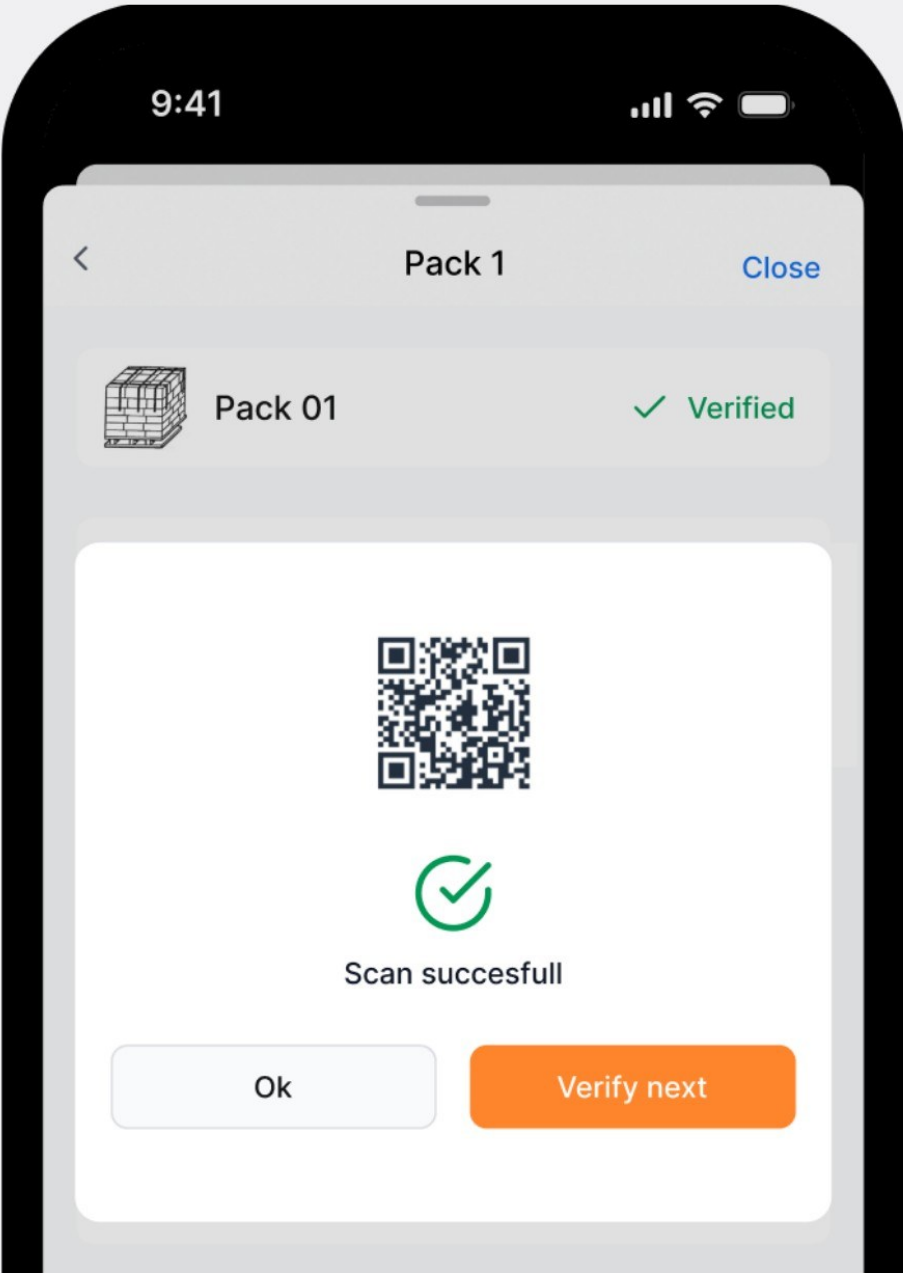
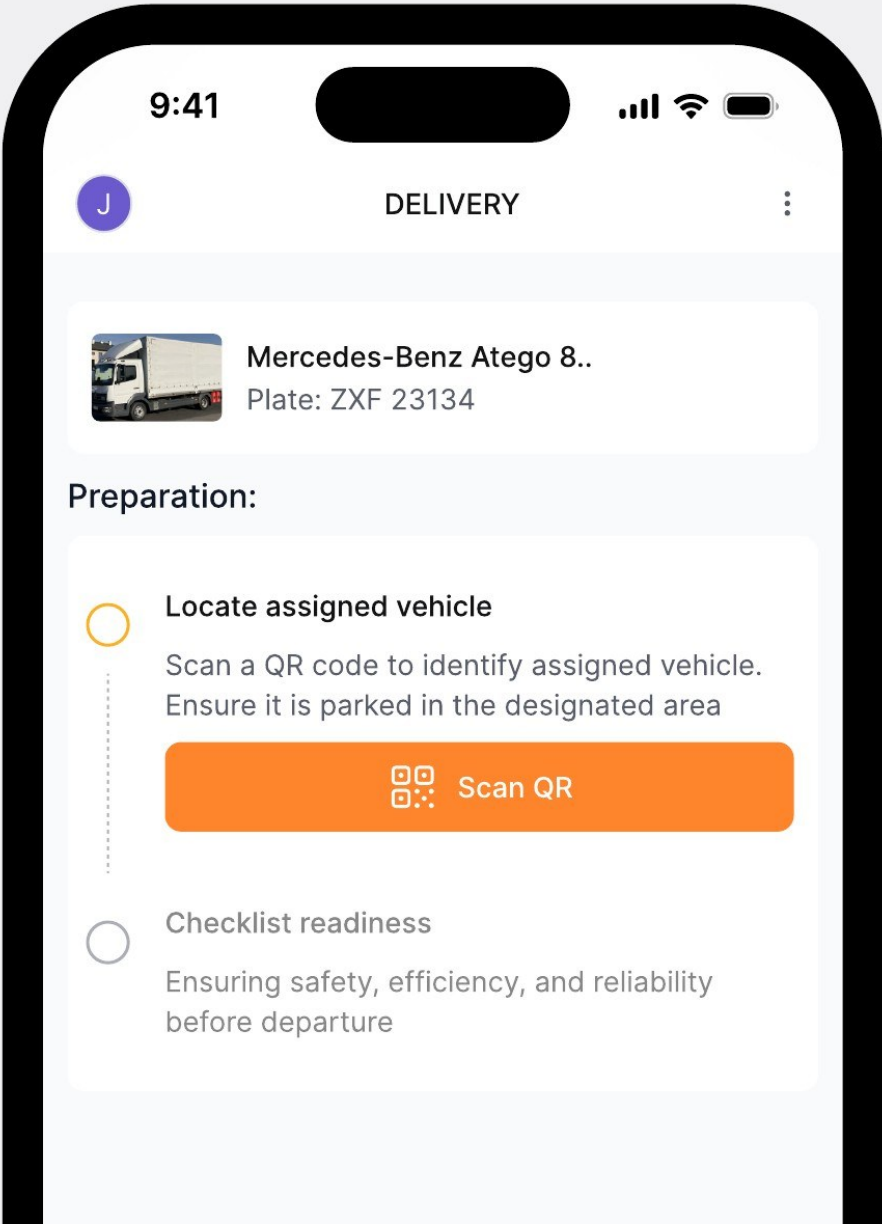
Year

2024

Delivery Mobile App

Mobile application for managing delivery routes, verifying cargo, completing pre-trip inspections, navigating routes, and executing delivery tasks.

Company	Cuby Technologies, Inc.
Role	Lead Product Designer
Length	3 months
Scope	User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping
Year	2024



Admin Management Platform

Enterprise administration platform for managing organizations, users, licenses, billing, invoices, roles, and training standards.

Company

Role

Scope

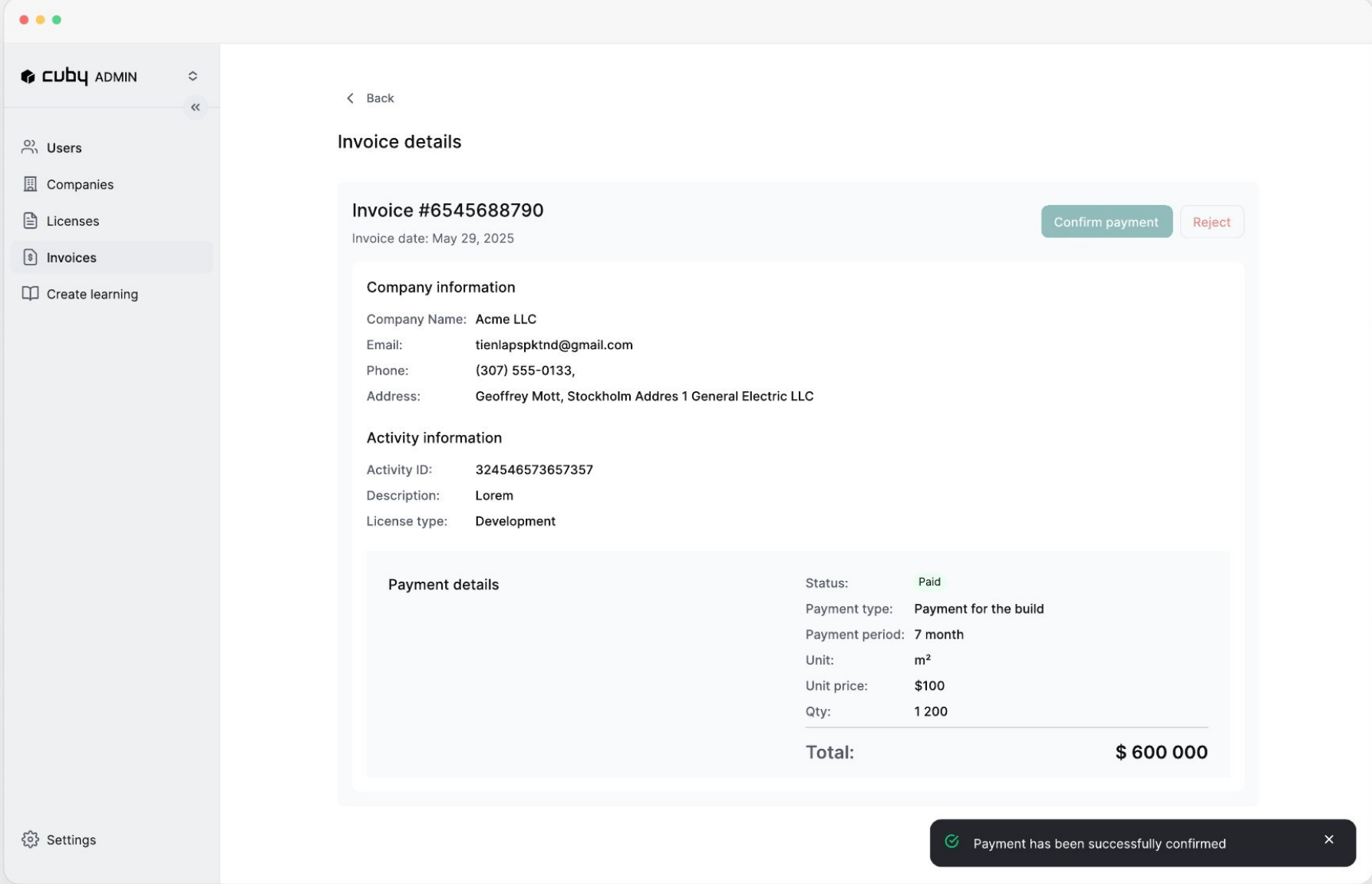
Year

Cuby Technologies, Inc.

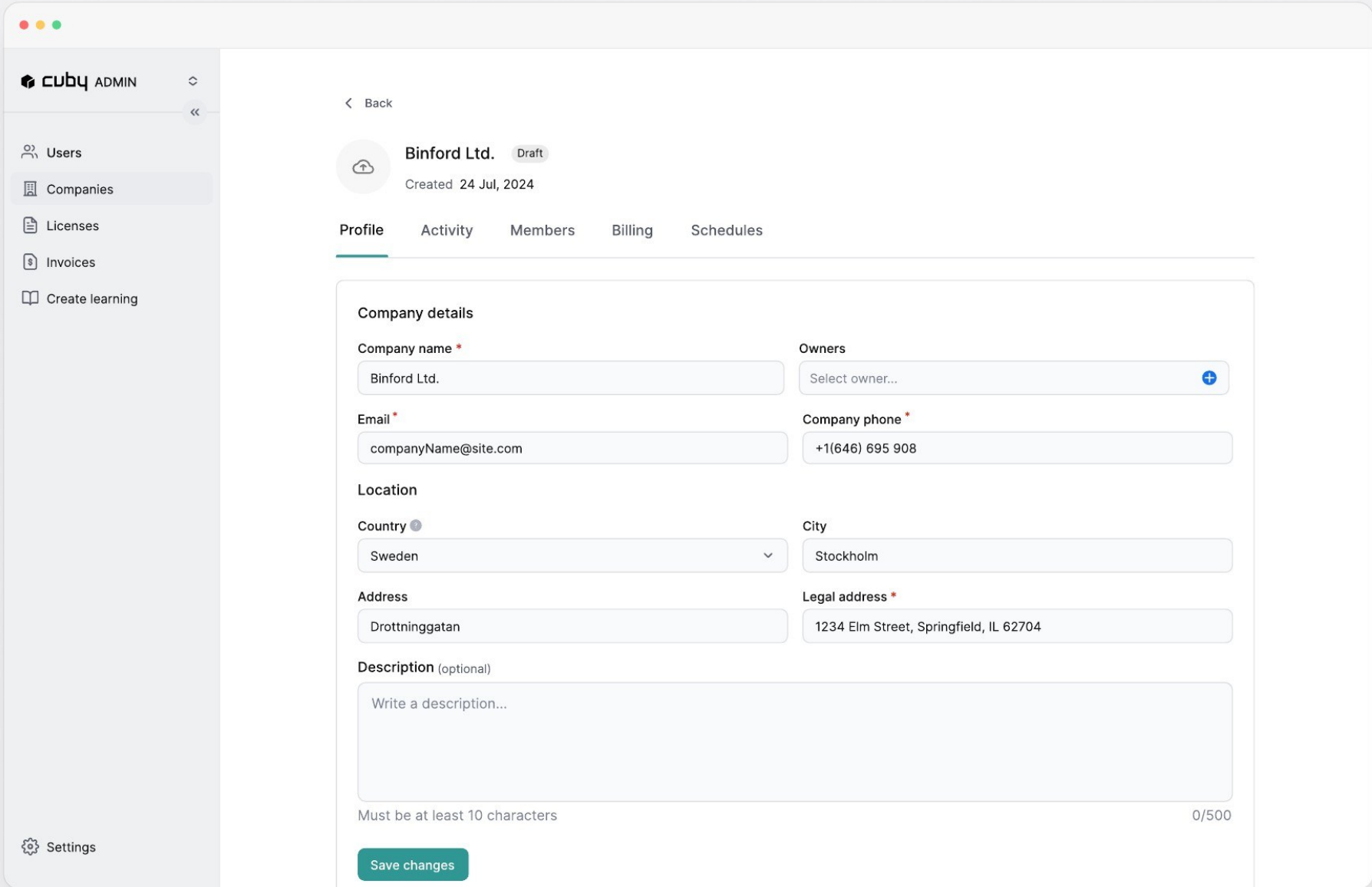
Product Designer

User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping

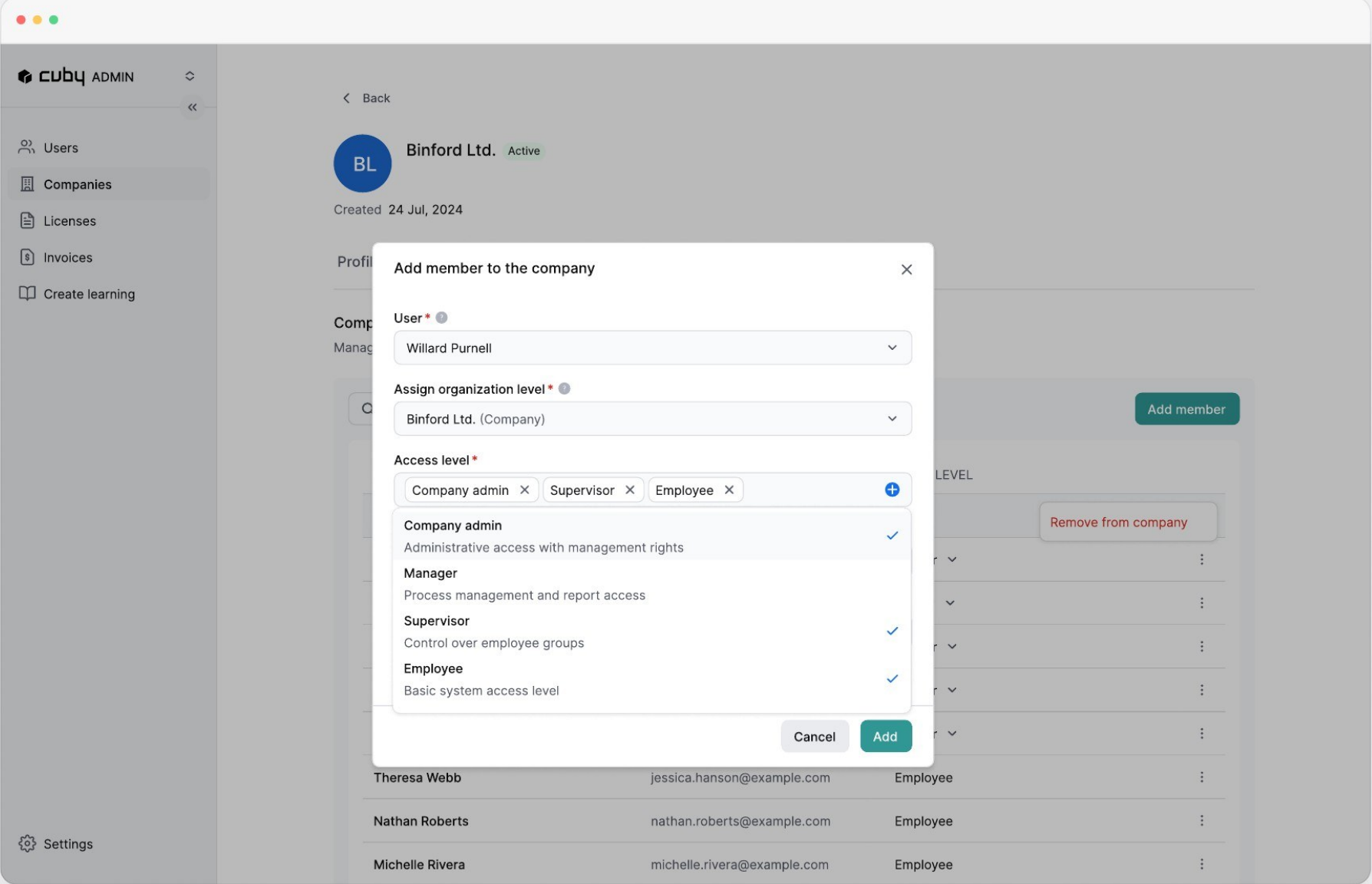
2023



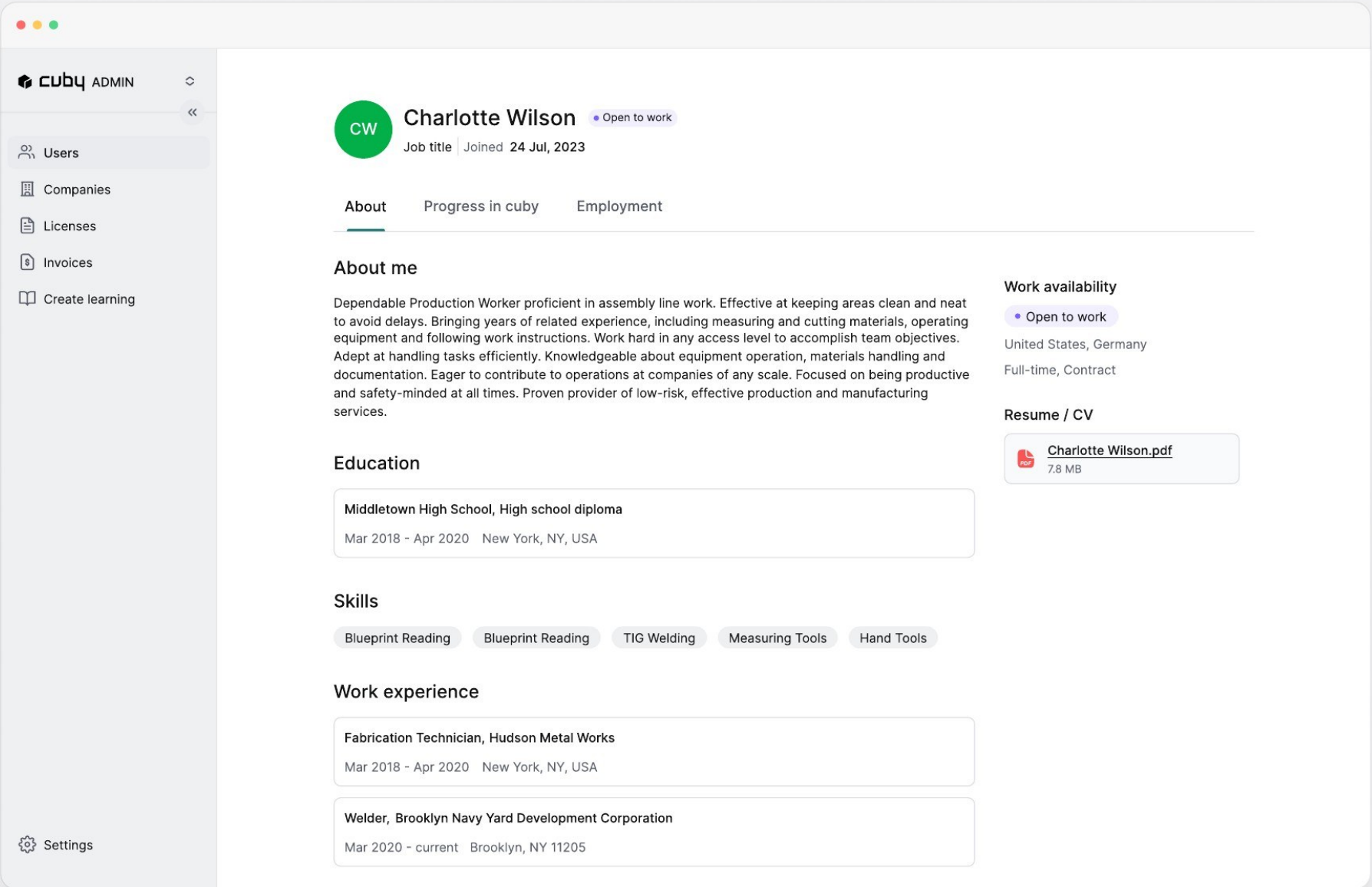
Billing & Invoices



Organization Management



User Access Management



Employee Profile

Construction Process Builder

Enterprise platform for designing, standardizing, and managing construction workflows, inspection criteria, work instructions, approvals, and execution templates across large-scale building projects.

Project details have been generalized to protect proprietary construction methodologies and confidential product logic.

Company	Cuby Technologies, Inc.
Role	Product Designer
Scope	User flows, information architecture, UX/UI design, design system, interaction design, UX writing, and prototyping
Year	2024-2025



Tools

The toolkit gets smarter every year. Knowing what to build—and why—is still the job.

Agentic...

Make the
logo bigger

Make it feel
more premium

Like this,
but
different

P2
clean up the
layers



THAT'S THE WORK.
LET'S BUILD
WHAT'S NEXT.