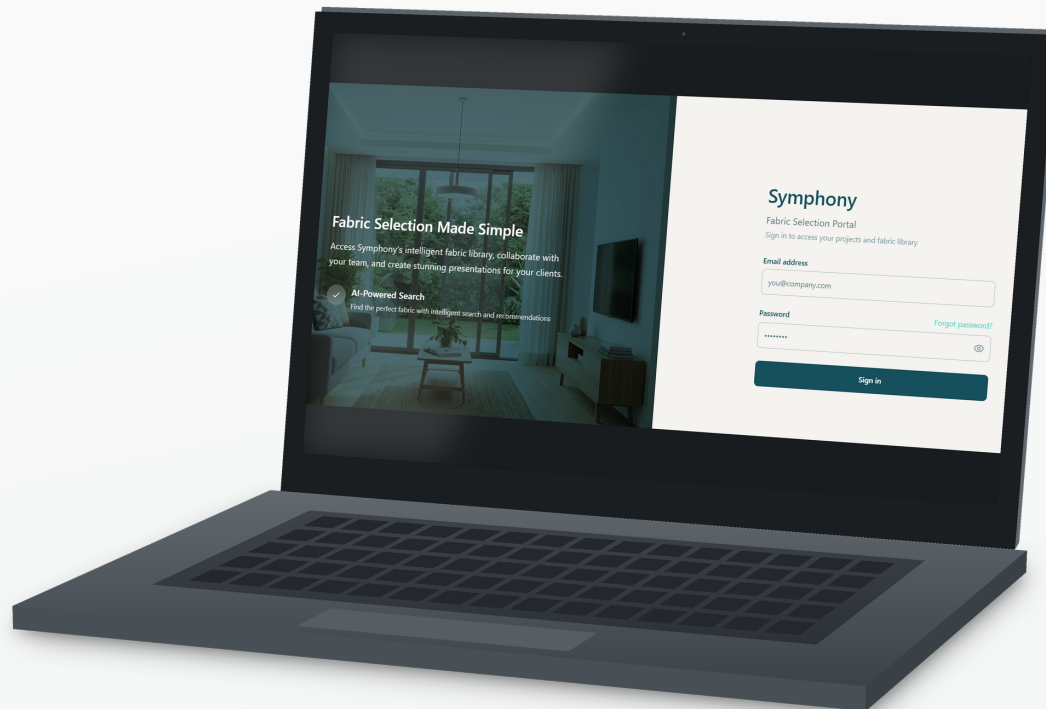


CASE STUDY · INTERIOR FURNISHINGS & HOME DÉCOR

Symphony Fabric Selection Portal

A dual-portal web application built from the ground up for a Coimbatore furnishings brand, replacing a fully manual process with one digital workflow.



SYMPHONY
SPACE CRAFTED

TYPE OF BUSINESS

Interior Furnishings & Home Décor

SCOPE OF WORK

Application Development

PLATFORM

Web application, dual portal

CORE MODULES

13 — 8 Architect Portal, 5 Admin Portal

SCREENS BUILT

20+ · Duration: two months

TECH STACK

React.js · Node.js · Fastify · Prisma ORM ·
PostgreSQL · Supabase

Some screenshots show dummy data for illustration.

CLIENT TESTIMONIAL

In the Client's Words

//

We had the opportunity to work with Techno Tackle on an AI tool project. The team was very supportive. Even in the middle of the project we had a scope change, and they were good to accommodate it and work with us. The team is very flexible, agile and they are committing on the time deliverables.

Arun Lakshmanan

Director, Symphony Furnishings · Coimbatore, Madurai and Chennai

[Watch the video testimonial](#)



SYMPHONY
SPACE CRAFTED

THE CLIENT

Symphony Furnishings

A well-established curtain and furnishings brand offering premium fabric collections for residential and commercial interiors, working through both in-house design teams and external interior architects.

Key highlights

- More than **50,000 fabric designs** across multiple collections
- Residential and commercial clients, via in-house teams and external architect networks
- Multiple showrooms with a dedicated field team visiting client sites

Scope of work

Designed and built from the ground up by Techno Tackle — a centralised web application digitising fabric selection and the operations around it.

- Projects, rooms and windows, fabric selections, appointments and team members, all managed in one place
- Separate logins for architect firms and Symphony's super admin



WEBSITE

symphonyfurnishings.com

ABOUT THE PROJECT

Everything Ran by Hand

Before partnering with Techno Tackle, Symphony Furnishings operated entirely on manual processes — every client interaction, fabric selection and appointment was managed by hand.

The catalog logistics problem

Visiting a client, Symphony's team had no way of knowing which fabrics that client might select — so they carried a large volume of fabric catalogs on **every single visit**, by van, bike and auto. With hundreds of catalogs in stock, every visit became costly and exhausting.

What did not exist

- No digital tool in the selection process
- No central record of clients, rooms or fabric preferences
- No appointment tracking
- No management reports

BUSINESS VISION

What Symphony set out to achieve

- A seamless digital experience for fabric selection, for architects and clients alike
- An end to the burden of catalog logistics
- Real-time visibility into every project and appointment

The engagement

Techno Tackle was engaged to design and build a complete digital solution from the ground up.

OUR SOLUTION

A Dual-Portal Platform, Built From Scratch

Techno Tackle designed and developed the Symphony Fabric Selection Portal — a dual-portal web application consisting of an **Architect Portal** and an **Admin Portal** — digitising every step of Symphony's fabric selection and appointment process across 13 core modules.

Architect Portal · 8 modules

Symphony's in-house team and external interior architects.

- 01** Login & Access Management
- 02** Project & Client Management
- 03** Room & Window Management
- 04** AI-Powered Fabric Selection
- 05** Downloadable Selection Report
- 06** Appointment Scheduling & Management
- 07** Reports & Project Tracking
- 08** Team Management

Admin Portal · 5 modules

Symphony's management, across all architect firms.

- 01** All Projects — Table & Calendar View
- 02** Appointment Management & Team Assignment
- 03** Smart Catalog Logistics
- 04** Appointment Details & Catalog Download
- 05** Admin Reports Dashboard

Everything the Admin Portal reports is a by-product of work the architects already do in the portal — there is no separate reporting step.

ARCHITECT PORTAL · MODULES 1-2

Access Control and Project Management

01

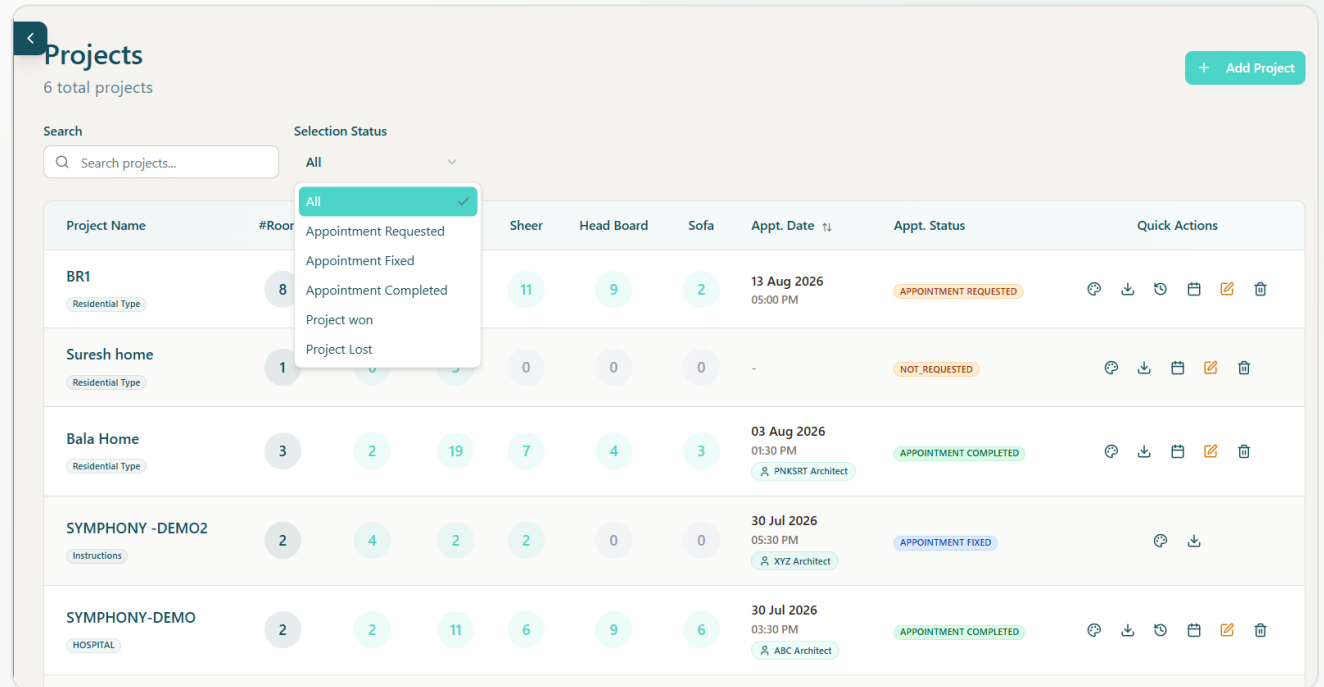
Login & Access Management

- Credentials issued by the super admin for every architect
- Each architect sees only their own projects and clients

02

Project & Client Management

- Create and manage client projects from one dashboard
- Filter by status and selection progress



The screenshot shows the 'Projects' dashboard with 6 total projects. A search bar and a 'Selection Status' dropdown menu are visible. The dropdown menu is open, showing options: All (selected), Appointment Requested, Appointment Fixed, Appointment Completed, Project won, and Project Lost. The table below lists projects with columns for Project Name, #Rooms, Sheer, Head Board, Sofa, Appt. Date, Appt. Status, and Quick Actions.

Project Name	#Rooms	Sheer	Head Board	Sofa	Appt. Date	Appt. Status	Quick Actions
BR1 Residential Type	8	11	9	2	13 Aug 2026 05:00 PM	APPOINTMENT REQUESTED	
Suresh home Residential Type	1	0	0	0	-	NOT REQUESTED	
Bala Home Residential Type	3	2	19	7	03 Aug 2026 01:30 PM PNKSRT Architect	APPOINTMENT COMPLETED	
SYMPHONY - DEMO2 Instructions	2	4	2	2	30 Jul 2026 05:30 PM XYZ Architect	APPOINTMENT FIXED	
SYMPHONY - DEMO HOSPITAL	2	2	11	6	30 Jul 2026 03:30 PM ABC Architect	APPOINTMENT COMPLETED	

Project dashboard. Every client project for that firm, with room counts, fabric counts and status.

ARCHITECT PORTAL · MODULE 3

Rooms, Windows and Selection Units

03**Room & Window Management**

- Add rooms under each project — living room, bedroom, dining room, sit-out area
- Set the window count per room

Why the window matters

A curtain is specified per window, not per room. Each room-and-window pair becomes an independent selection unit, which is what lets the system total fabrics by category and generate an exact catalog list.

← Rooms

Manage and visualize fabric selections for each room

Room Name	Room Type	Windows	Quick Actions
Sit out area	-	4	  
Living Room	-	3	  
Dining Room	-	3	  
Bedroom 1	-	3	  
Bedroom2	-	3	  
Bedroom3	-	3	  
Exercise Room	-	3	  
Recreation Room	-	3	  

Rooms within a project. Each row is a room with its window count and per-category fabric selection progress.

ARCHITECT PORTAL

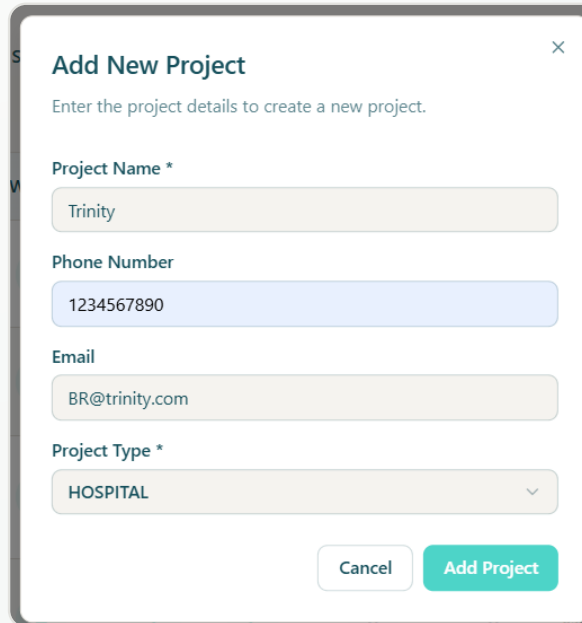
Opening a Project and Its Rooms

Creating the project

A project is opened against one client, with contact details and project type captured at the point of creation. Selections, rooms, appointments and reports are then held against that project for its lifetime.

Adding the rooms

Room name and window count are the only inputs required to open a new set of selection units — one per window, per fabric category.



Add New Project [X]

Enter the project details to create a new project.

Project Name *
Trinity

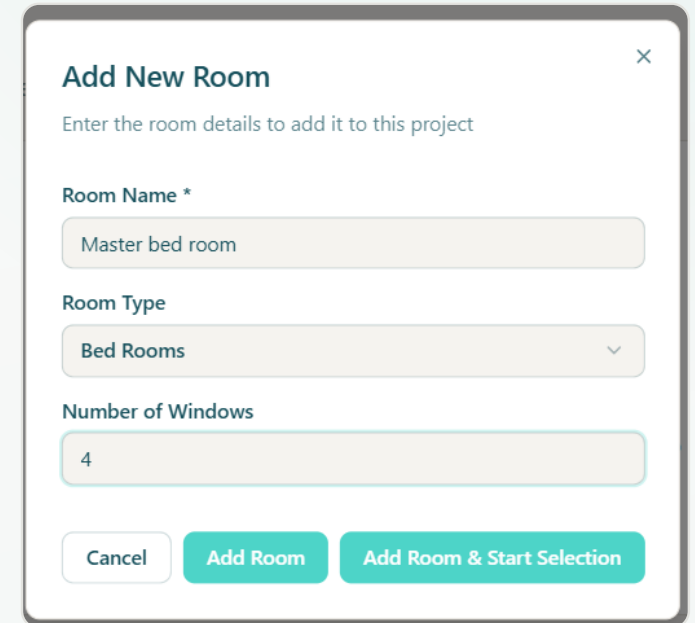
Phone Number
1234567890

Email
BR@trinity.com

Project Type *
HOSPITAL

Cancel Add Project

New project. Client and project type captured up front.



Add New Room [X]

Enter the room details to add it to this project

Room Name *
Master bed room

Room Type
Bed Rooms

Number of Windows
4

Cancel Add Room Add Room & Start Selection

New room. Name plus window count opens the selection units.

ARCHITECT PORTAL · MODULE 4

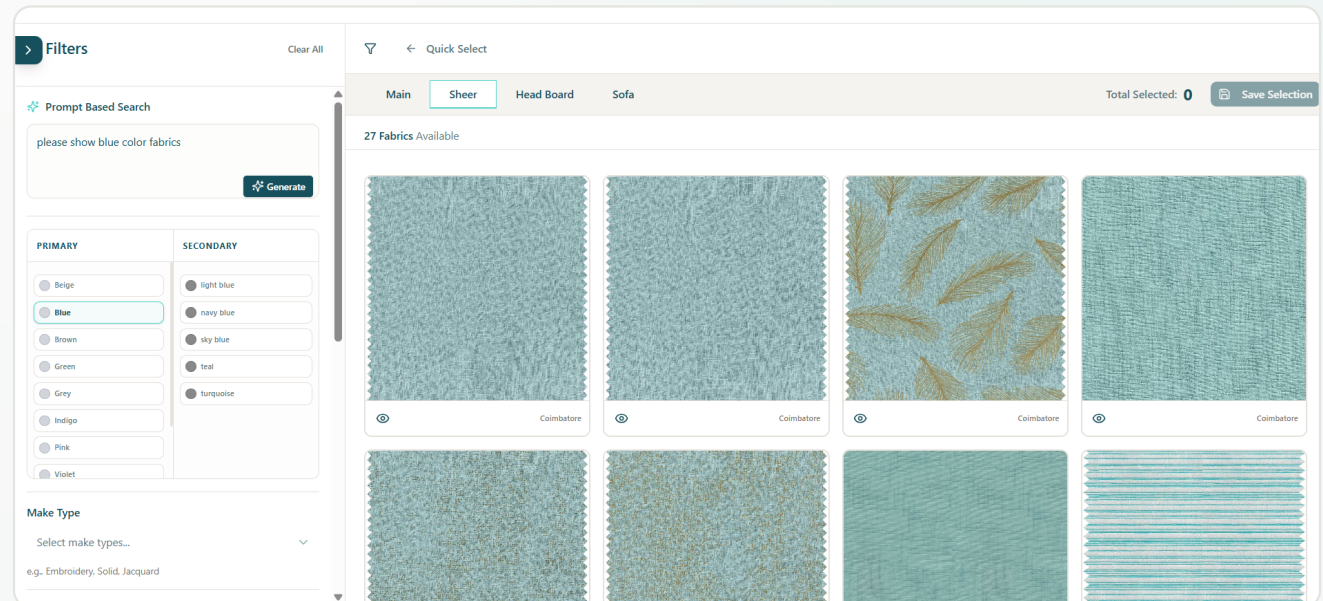
AI-Powered Fabric Selection

Prompt-based search

Type a natural description — *"green shade curtains for a living room"* — and matching fabrics surface immediately. Manual filters for colour, make type, pattern and style work on the same result set.

Four categories, 4,000+ designs

Main (blackout outer), Sheer (inner translucent), Head Board and Sofa. The full 50,000+ catalog is being added progressively.



Prompt-based search with manual filters. A plain-language prompt and attribute filters work side by side on the same result set; fabrics are added, swapped or removed per room and window, then saved to the project.

ARCHITECT PORTAL · MODULE 5

Downloadable Selection Report

What the report contains

- Generated and downloadable as a PDF immediately after fabric selection
- Selected fabrics organised by room and category, with catalog names and brands

Why it matters

- Includes the precise list of physical catalogs needed for the next appointment
- Shareable with the client by WhatsApp or email, giving both sides an agreed reference before the physical visit

PROJECT DETAILS

Project Name: **BR1**
Architect Name: **Techno**

Client Phone:
Client Email:

Symphony Fabric

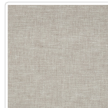
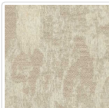
Room: Sit out area (Windows: 4)
Category: Main



Category: Sheer



Category: Head Board



Category: Sofa



Room: Living Room (Windows: 3)

Client phone and email redacted.

ARCHITECT PORTAL · MODULE 6

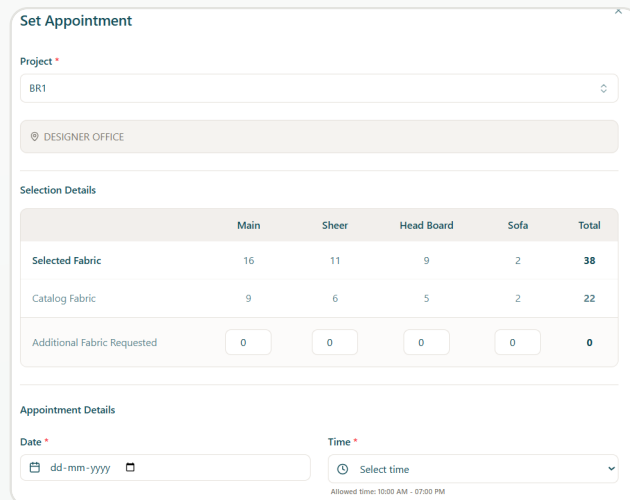
Appointment Scheduling and Tracking

Requesting an appointment

- Three locations: Symphony showroom, architect's office or client's site
- Notes can be added for the Symphony team; appointments can be edited and rescheduled

Status at every stage

Tracked in real time — Not Requested, Requested, Fixed, Completed and Cancelled — and visible to the architect throughout.



Set Appointment

Project *
BR1

DESIGNER OFFICE

Selection Details

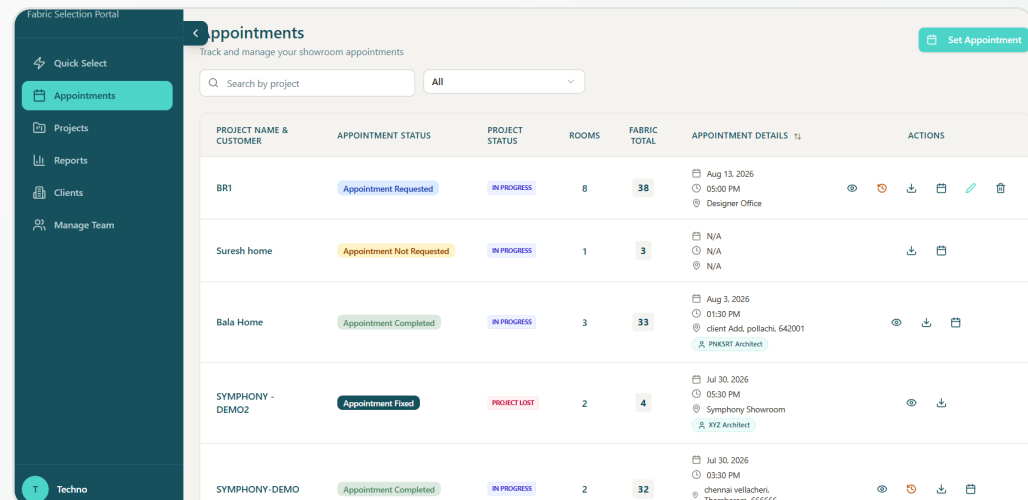
	Main	Sheer	Head Board	Sofa	Total
Selected Fabric	16	11	9	2	38
Catalog Fabric	9	6	5	2	22
Additional Fabric Requested	0	0	0	0	0

Appointment Details

Date *
dd-mm-yyyy

Time *
Select time
Allowed time: 10:00 AM - 07:00 PM

Requesting an appointment. Location, date, time and a note.



Appointments
Track and manage your showroom appointments

Search by project: All

PROJECT NAME & CUSTOMER	APPOINTMENT STATUS	PROJECT STATUS	ROOMS	FABRIC TOTAL	APPOINTMENT DETAILS	ACTIONS
BR1	Appointment Requested	IN PROGRESS	8	38	Aug 13, 2026 05:00 PM Designer Office	👁️ ⌚ 📄 📝 🗑️
Suresh home	Appointment Not Requested	IN PROGRESS	1	3	N/A N/A N/A	📄 📝
Bala Home	Appointment Completed	IN PROGRESS	3	33	Aug 3, 2026 01:30 PM client Add. pollachi, 642001 PINKSRI Architect	👁️ 📄 📝
SYMPHONY - DEMO2	Appointment Fixed	PROJECT LOST	2	4	Jul 30, 2026 05:30 PM Symphony Showroom XYZ Architect	👁️ 📄
SYMPHONY-DEMO	Appointment Completed	IN PROGRESS	2	32	Jul 30, 2026 03:30 PM chennai vellacheri, Thambaram, 666666	👁️ ⌚ 📄 📝

Appointment list. Current status for every appointment.

ARCHITECT PORTAL · MODULE 7

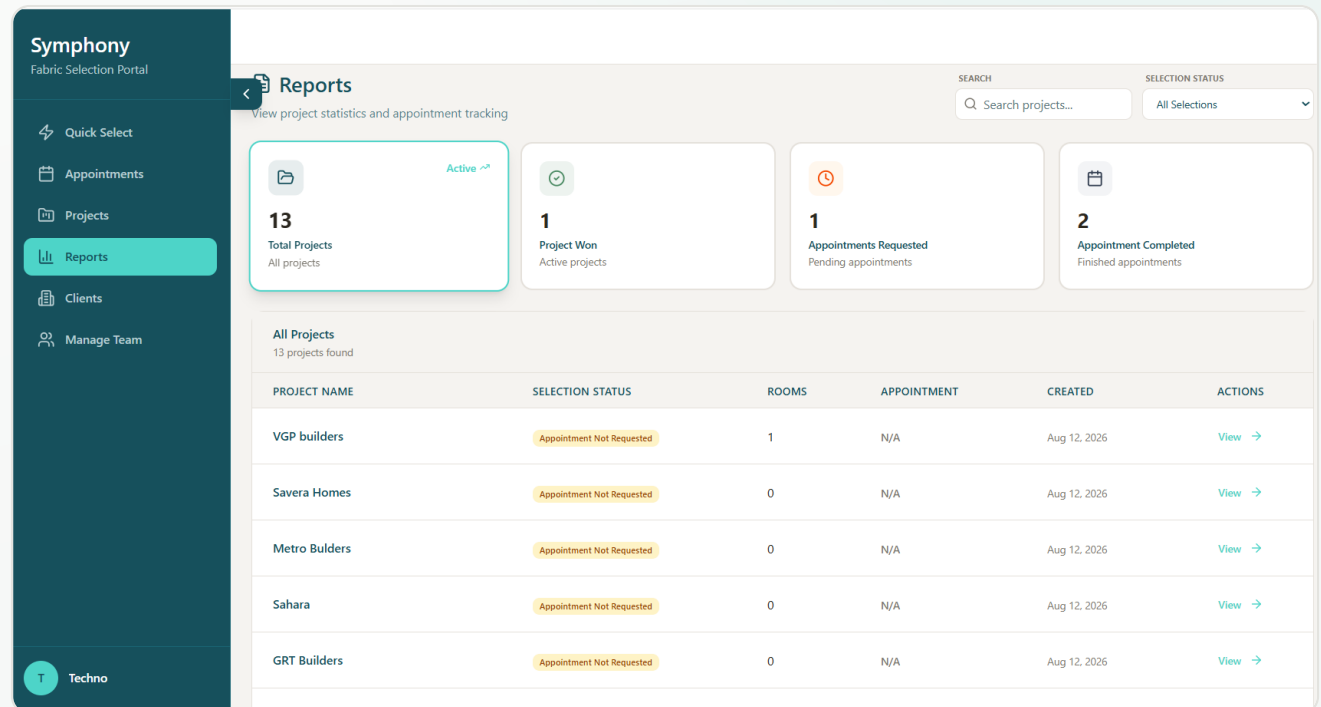
Reports and Project Tracking

What the architect can see

- All projects with current selection and appointment status
- Fabric counts per project across all four categories

Project outcomes

Every project carries an outcome — In Progress, Won or Lost — so the architect firm can see conversion as well as workload.



Architect reporting view. Selection and appointment status per project, with fabric counts by category and project outcome.

ARCHITECT PORTAL · MODULE 8

Team Management

Managing the team

- Add and manage team members with name, WhatsApp number and email
- Active and inactive status managed per member

Why the admin needs it

Members added here become assignable to appointments by Symphony's admin, which is what connects a digital selection to the person who travels to the client.

<

Team Management
Manage your firm's team members

+ Add Team Member

Search
Q Search team members...

Name	WhatsApp	Email	Role	Status	Joined	Actions
 RBK Architect			MEMBER	☒ Active	Aug 1, 2026	 Edit  Delete
 ABC Architect			MEMBER	☒ Active	Jul 29, 2026	 Edit  Delete
 XYZ Architect			MEMBER	☐ Inactive	Jul 29, 2026	 Edit  Delete
 Thamarai Architect			MEMBER	☐ Inactive	Jul 28, 2026	 Edit  Delete
 KYC Architect			MEMBER	☒ Active	Jul 28, 2026	 Edit  Delete
 MMS Architect			MEMBER	☒ Active	Jul 28, 2026	 Edit  Delete
 PNKSRT Architect			MEMBER 1	☒ Active	Jul 28, 2026	 Edit  Delete

Team roster.

ADMIN PORTAL · MODULE 1

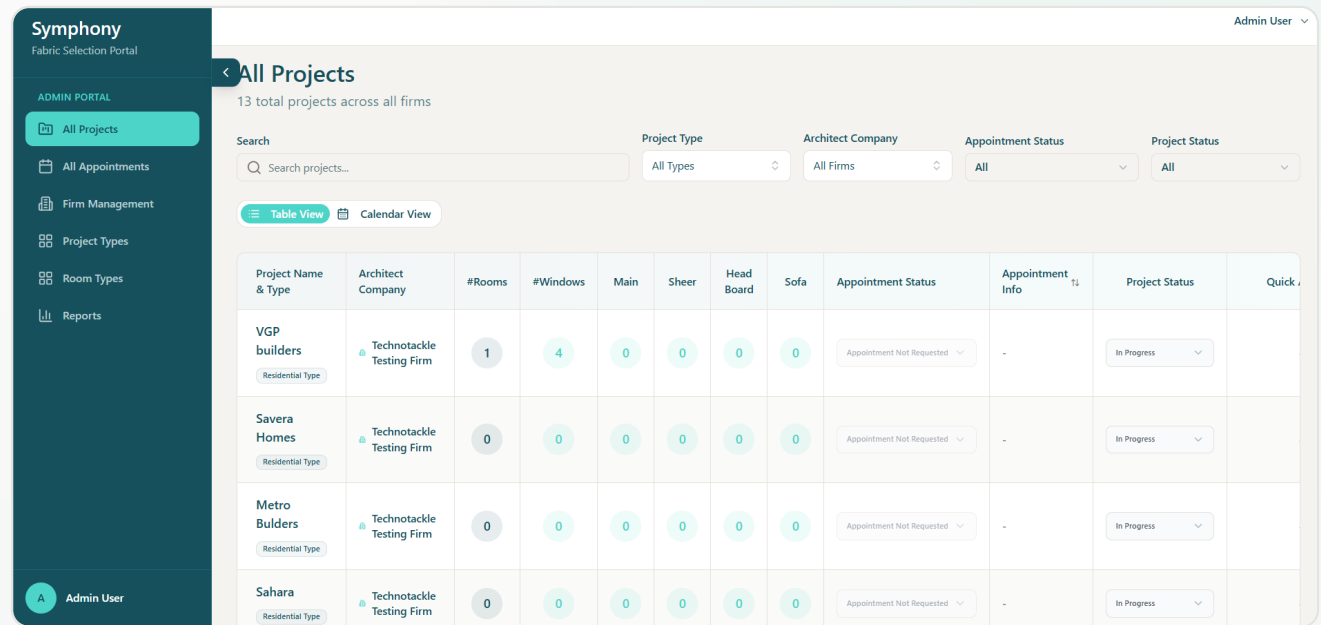
Every Project, Every Firm, One Table

Table view

- Every project across every architect firm in one unified dashboard
- Rooms, fabric counts, status and appointment information per row

Filters

Filter by project type, architect firm, appointment status and project status — the same records the architects work in, read from one place.



The screenshot shows the 'Symphony Fabric Selection Portal' Admin Portal. The left sidebar lists navigation options: ADMIN PORTAL, All Projects (selected), All Appointments, Firm Management, Project Types, Room Types, and Reports. The main content area is titled 'All Projects' and shows '13 total projects across all firms'. It includes a search bar and filters for Project Type (All Types), Architect Company (All Firms), Appointment Status (All), and Project Status (All). Below the filters are 'Table View' and 'Calendar View' tabs. The table displays project data with columns: Project Name & Type, Architect Company, #Rooms, #Windows, Main, Sheer, Head Board, Sofa, Appointment Status, Appointment Info, Project Status, and Quick. The table lists four projects, all from 'Technotackle Testing Firm'.

Project Name & Type	Architect Company	#Rooms	#Windows	Main	Sheer	Head Board	Sofa	Appointment Status	Appointment Info	Project Status	Quick
VGP builders Residential Type	Technotackle Testing Firm	1	4	0	0	0	0	Appointment Not Requested	-	In Progress	
Savera Homes Residential Type	Technotackle Testing Firm	0	0	0	0	0	0	Appointment Not Requested	-	In Progress	
Metro Bulders Residential Type	Technotackle Testing Firm	0	0	0	0	0	0	Appointment Not Requested	-	In Progress	
Sahara Residential Type	Technotackle Testing Firm	0	0	0	0	0	0	Appointment Not Requested	-	In Progress	

Table view. All projects across all firms, with rooms, per-category fabric counts, status and appointment date.

ADMIN PORTAL · MODULE 1

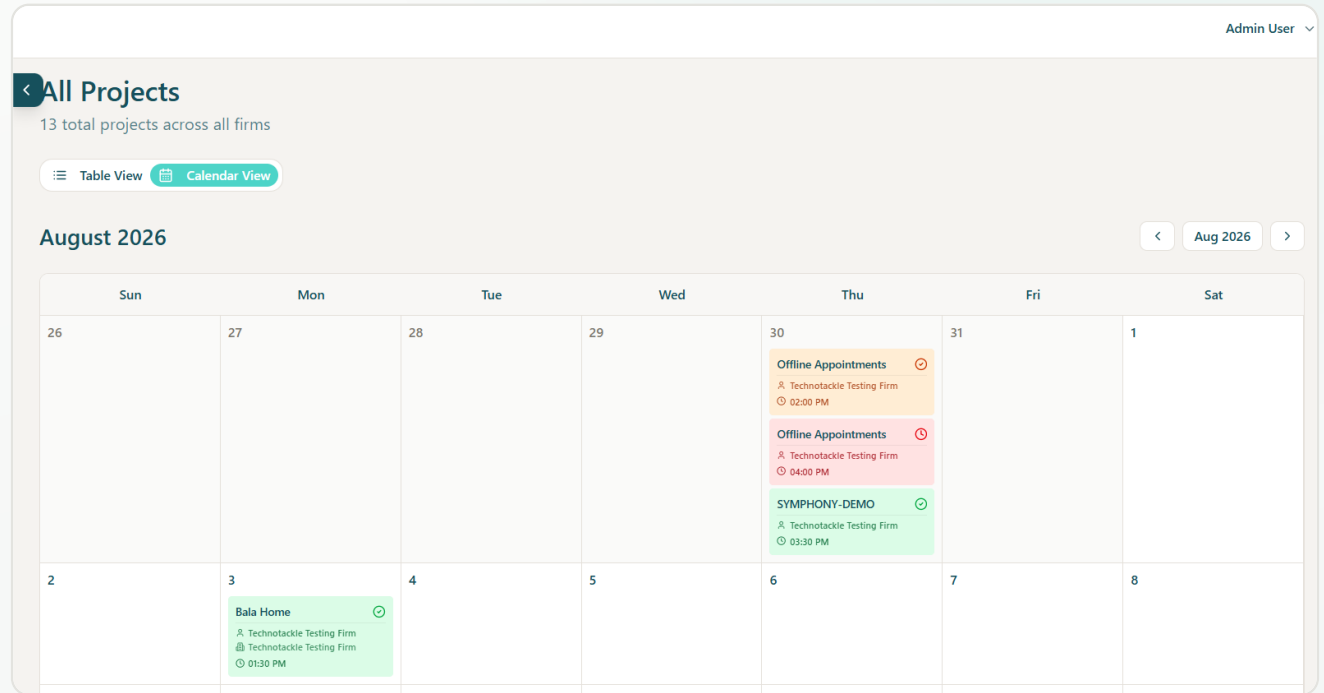
The Month at a Glance

Calendar view

A monthly calendar of every appointment across every architect firm, colour-coded by status, with the same firm and project-type filters as the table.

Why two views

The table answers "where does this project stand". The calendar answers "what is my team doing this week". Both read the same records, so a status change shows up in either view without re-entry.



Admin User

All Projects

13 total projects across all firms

Table View Calendar View

August 2026

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30 Offline Appointments Technotackle Testing Firm 02:00 PM Offline Appointments Technotackle Testing Firm 04:00 PM SYMPHONY-DEMO Technotackle Testing Firm 03:30 PM	31	1
2	3 Bala Home Technotackle Testing Firm Technotackle Testing Firm 01:30 PM	4	5	6	7	8

Calendar view. Appointments for the month, colour-coded by status.

ADMIN PORTAL · MODULE 2

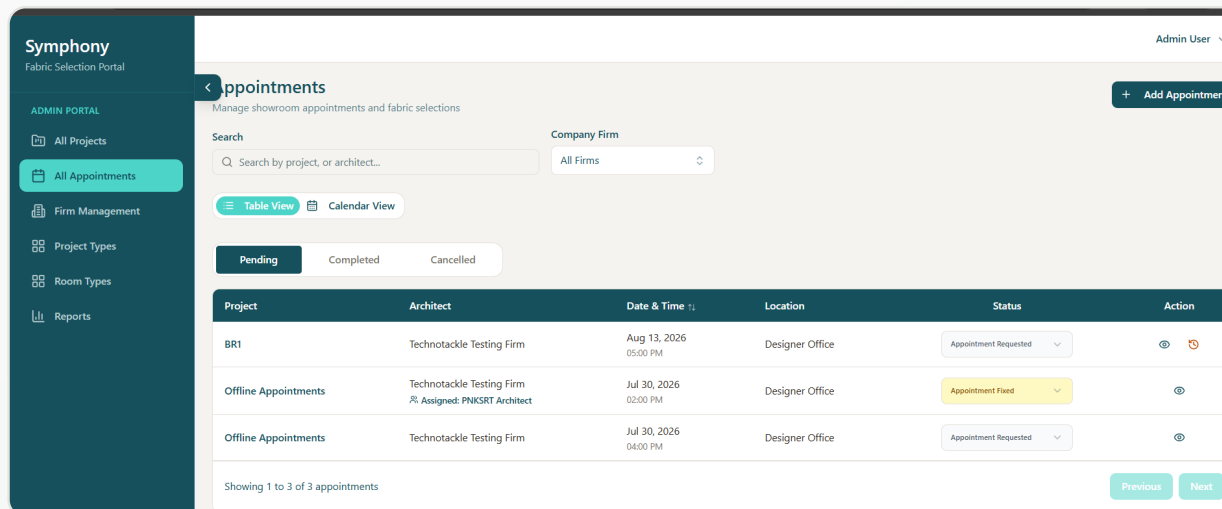
Appointments and Team Assignment

Managing appointments

- All pending, completed and cancelled appointments across all firms
- Appointment status can be changed at every stage

Assigning the visit

The admin selects the architect firm and the team member who will attend, with location and notes. This is the hand-off between the digital selection and the physical appointment.



Symphony
Fabric Selection Portal

ADMIN PORTAL

- All Projects
- All Appointments
- Firm Management
- Project Types
- Room Types
- Reports

Appointments
Manage showroom appointments and fabric selections

Search: Search by project, or architect...
Company Firm: All Firms

Table View | Calendar View

Pending | Completed | Cancelled

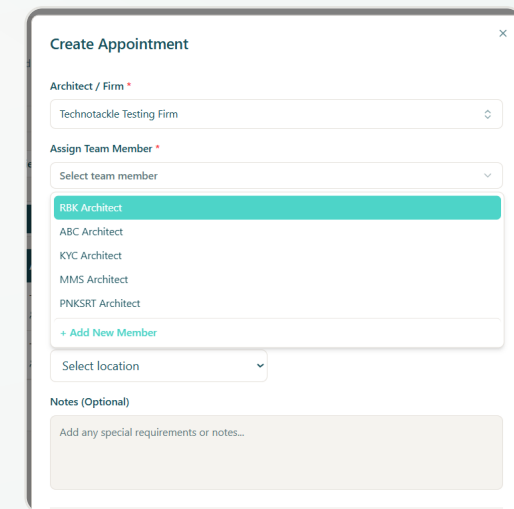
Project	Architect	Date & Time	Location	Status	Action
BR1	Technotackle Testing Firm	Aug 13, 2026 05:00 PM	Designer Office	Appointment Requested	
Offline Appointments	Technotackle Testing Firm Assigned: PNKSRT Architect	Jul 30, 2026 02:00 PM	Designer Office	Appointment Fixed	
Offline Appointments	Technotackle Testing Firm	Jul 30, 2026 04:00 PM	Designer Office	Appointment Requested	

Showing 1 to 3 of 3 appointments

Previous | Next

+ Add Appointment

Appointment management. Status and assigned member, all firms.



Create Appointment

Architect / Firm *
Technotackle Testing Firm

Assign Team Member *
Select team member

- RBK Architect
- ABC Architect
- KYC Architect
- MMS Architect
- PNKSRT Architect
- + Add New Member

Select location

Notes (Optional)
Add any special requirements or notes...

Assigning a team member to a scheduled appointment.

ADMIN PORTAL · MODULE 3

Smart Catalog Logistics

Once selection is complete, the system generates a **Unique Catalog Checklist** — only the catalogs that appointment needs.

BEFORE

Numerous catalogs carried on every visit, with no idea which the client would select.

AFTER

Only the catalogs the checklist names — less transport cost, time and effort.

What the supplied checklist actually shows

Generated for a project of **8 rooms** and **38 fabrics**, resolving to **18 unique catalogs** to carry.

Category	Main	Sheer	Head Board	Sofa	Total
Fabrics selected	16	11	9	2	38
Catalogs referenced	9	6	5	2	22

Symphony's document reports a typical visit needing **5 to 10** catalogs.

BR1

CUSTOMER DETAILS
Phone: [REDACTED]
Email: [REDACTED]

APPOINTMENT & LOCATION
Date: 2020-08-13 at 05:00 PM
Architect: Techno
Location: DESIGNER OFFICE

Total Rooms: 8 | Selected Fabrics: 38 | Selected Catalogs: 18

	Main	Sheer	Head Board	Sofa	Total
Selected Fabric	16	11	9	2	38
Selected Catalogues	9	6	5	2	22
Additional Catalogues	0	0	0	0	0

UNIQUE CATALOG CHECKLIST

S.No	Brand Name	Catalogue Name	Location
1	ASIAN PAINTS	GAIA	Coimbatore
2	ADF	PERFECT	Coimbatore
3	ADF	ARTISTIC	Coimbatore
4	ADF	NATURE PLAIN	Coimbatore
5	ADF	MELODY	Coimbatore
6	ADF	VIRTUS	Coimbatore
7	ADF	ORGANIC	Coimbatore
8	ADF	DECENT VOL-01	Coimbatore
9	ADF	MAPLE	Coimbatore
10	ADF	GARNET	Coimbatore
11	ADF	JORDAN	Coimbatore
12	ADF	POLKI	Coimbatore
13	ADF	SPRAY	Coimbatore
14	ADF	LAVISH	Coimbatore
15	ADF	CHERRY	Coimbatore
16	ASIAN PAINTS	HAZARIBAGH LINEN	Coimbatore
17	ADF	BASICS	Coimbatore
18	ADF	TRENDS	Coimbatore

TOTAL UNIQUE CATALOGS TO CARRY: 18

Unique Catalog Checklist — page 1 of 4,
supporting proof.

ADMIN PORTAL · MODULE 5

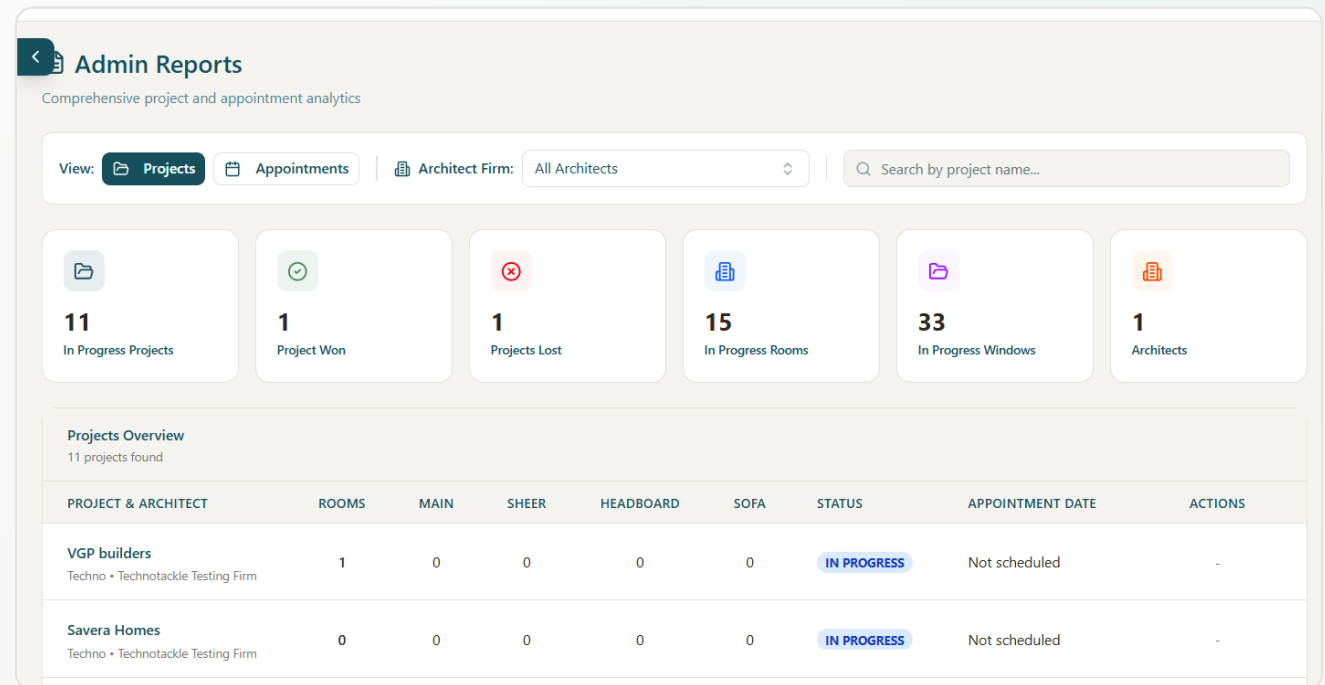
Admin Reports — Projects

Reporting Symphony did not have before

- In Progress, Won and Lost projects
- Rooms, windows and fabric selections in progress

Where the numbers come from

Every figure is a by-product of work the architects already do in the portal. There is no separate reporting step.



Projects view. Project analytics across all architect firms, with the per-project table beneath. Figures shown are dummy data.

ADMIN PORTAL · MODULE 5

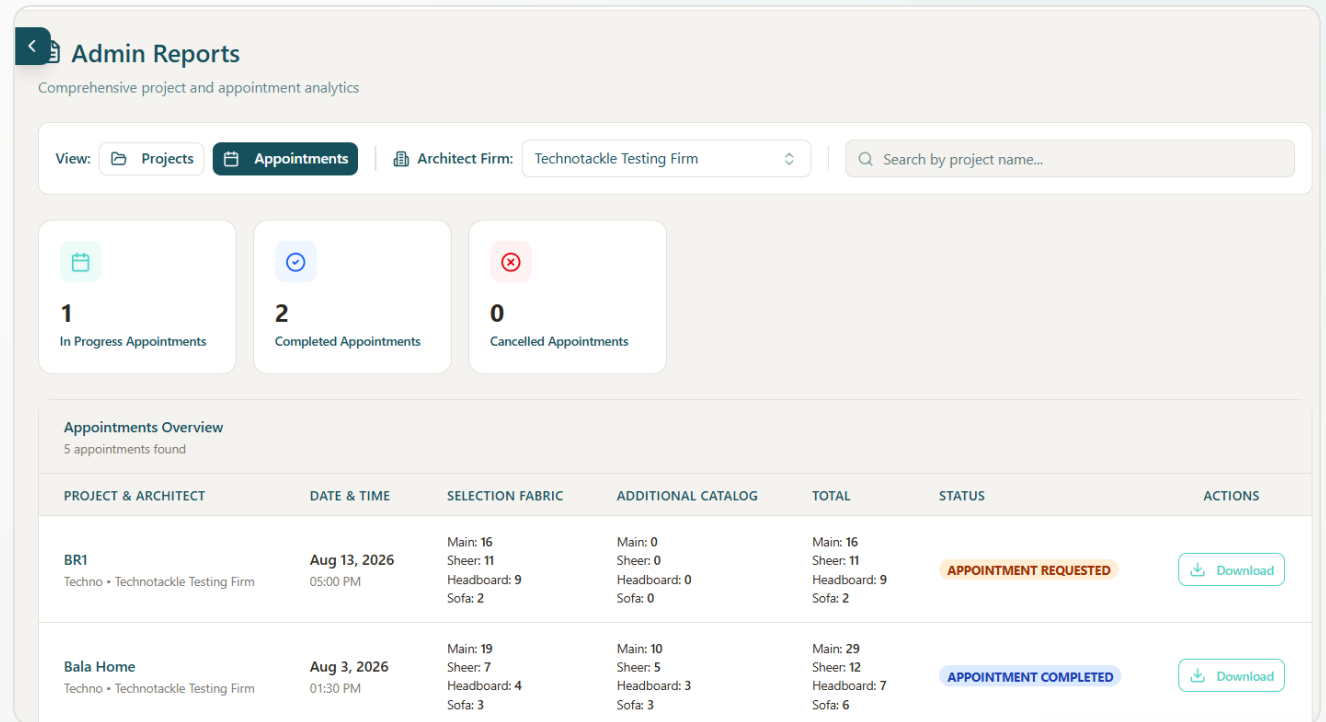
Admin Reports — Appointments

Appointments overview

- Requested, fixed and completed appointments
- Filterable to a single architect firm

Firm-level tracking

The same dashboard switches between project and appointment analytics, so management can review one firm at a time.



Admin Reports
Comprehensive project and appointment analytics

View: Projects **Appointments** | Architect Firm: Technotackle Testing Firm | Search by project name...

1 In Progress Appointments
2 Completed Appointments
0 Cancelled Appointments

Appointments Overview
5 appointments found

PROJECT & ARCHITECT	DATE & TIME	SELECTION FABRIC	ADDITIONAL CATALOG	TOTAL	STATUS	ACTIONS
BR1 Techno • Technotackle Testing Firm	Aug 13, 2026 05:00 PM	Main: 16 Sheer: 11 Headboard: 9 Sofa: 2	Main: 0 Sheer: 0 Headboard: 0 Sofa: 0	Main: 16 Sheer: 11 Headboard: 9 Sofa: 2	APPOINTMENT REQUESTED	Download
Bala Home Techno • Technotackle Testing Firm	Aug 3, 2026 01:30 PM	Main: 19 Sheer: 7 Headboard: 4 Sofa: 3	Main: 10 Sheer: 5 Headboard: 3 Sofa: 3	Main: 29 Sheer: 12 Headboard: 7 Sofa: 6	APPOINTMENT COMPLETED	Download

Appointments view, filtered to a single architect firm.

THE CHANGE

From Manual to Digital

BEFORE THE PLATFORM

No digital tools, no central system, no reports

- Client details, preferences and appointments all managed by hand
- Dozens of catalogs carried to every visit by van, bike and auto, with no idea what the client would pick
- Each catalog heavy and costly to carry, with hundreds in stock
- Clients flipped through hundreds of catalogs by hand
- No management visibility into projects, appointments or performance

AFTER THE PLATFORM

One workflow, end to end

- Fabric selection searchable across 4,000+ designs, on site or in the showroom
- Catalog logistics run from a generated per-appointment checklist
- Appointments tracked and managed digitally with real-time status
- A personalised fabric report reaches the client before the physical visit
- A real-time dashboard covers projects, appointments and outcomes across every firm

The single largest operational change is catalog logistics: the field team no longer travels with a van-load of catalogs against an unknown client preference — the appointment record tells them what to bring before they leave.

HOW IT WAS BUILT

Development Approach

The application was developed following a structured SDLC with a modular approach, so each component was built, tested and validated before the next was started.

Process and architecture

- **Architecture:** MVC (Model-View-Controller)
- **Development approach:** modular — each module built, tested and validated before the next
- **Process:** structured SDLC (Software Development Life Cycle)
- **Project management:** Techno Tackle's in-house Project Management System (PMS)

Build and delivery

- **Tech stack:** React.js · Node.js · Fastify · Prisma ORM · PostgreSQL · Supabase
- **Project duration:** two months
- **Portals delivered:** 2 — Architect Portal and Admin Portal
- **Screens designed & developed:** 20+
- **Core modules:** 13 across the two portals

THE RESULT

Conclusion and Key Outcomes

Not just a process. An entire way of working.

Before Techno Tackle, Symphony's teams carried a heavy load of catalogs on every client visit, managed everything by hand and operated with no visibility into project performance. The process was slow, expensive and unsustainable.

The delivered platform lets architects select from a growing library of 4,000+ designs, sends the client a personalised digital catalog before the physical appointment, and tells the field team exactly which catalogs to carry — sometimes as few as five, where dozens travelled before.

For Symphony Furnishings this was not only a software project. It was a complete operational change, designed, built and delivered by Techno Tackle.

KEY OUTCOMES

2 portals, 13 modules, 20+ screens

Delivered entirely from scratch.

Catalog transport driven by a checklist

A generated per-appointment list replaces blanket transport.

Prompt-based selection across 4,000+ designs

The full 50,000+ catalog is being added progressively.

Real-time project and appointment visibility

Reporting across all firms, which did not exist before.

A personalised report before every visit

Sent to the client by WhatsApp or email.

Every figure above is drawn from the source document or from an artefact supplied with it.

LET'S TALK

About Your Platform

Have a project in mind? Connect with us to discuss your business needs.

LET'S CONNECT

Sukumar M

Senior Business Development Manager

86376 46693

sales@technotackle.com

Balavishnu R

Founder & CEO

balavishnu@technotackle.com

[LinkedIn profile](#)

FIND US

www.technotackle.com

[Techno Tackle on LinkedIn](#)

[Techno Tackle on YouTube](#)

Clutch

4.8 ★★★★★

8 reviews

[View profile](#)

Google

4.8 ★★★★★

120+ ratings

[View profile](#)

We appreciate your interest in Techno Tackle Software Solutions and look forward to collaborating with you.