



Golf Staff Scheduler

Smart scheduling for modern golf operations.

A multi-tenant workforce platform for ownership groups and club managers one system for schedules, coverage, swaps, time-off, and labor reporting across every property.

AI Suggestions

Role-Based Access

Shift Swaps

Time-Off

Real-Time Coverage

Data Exports

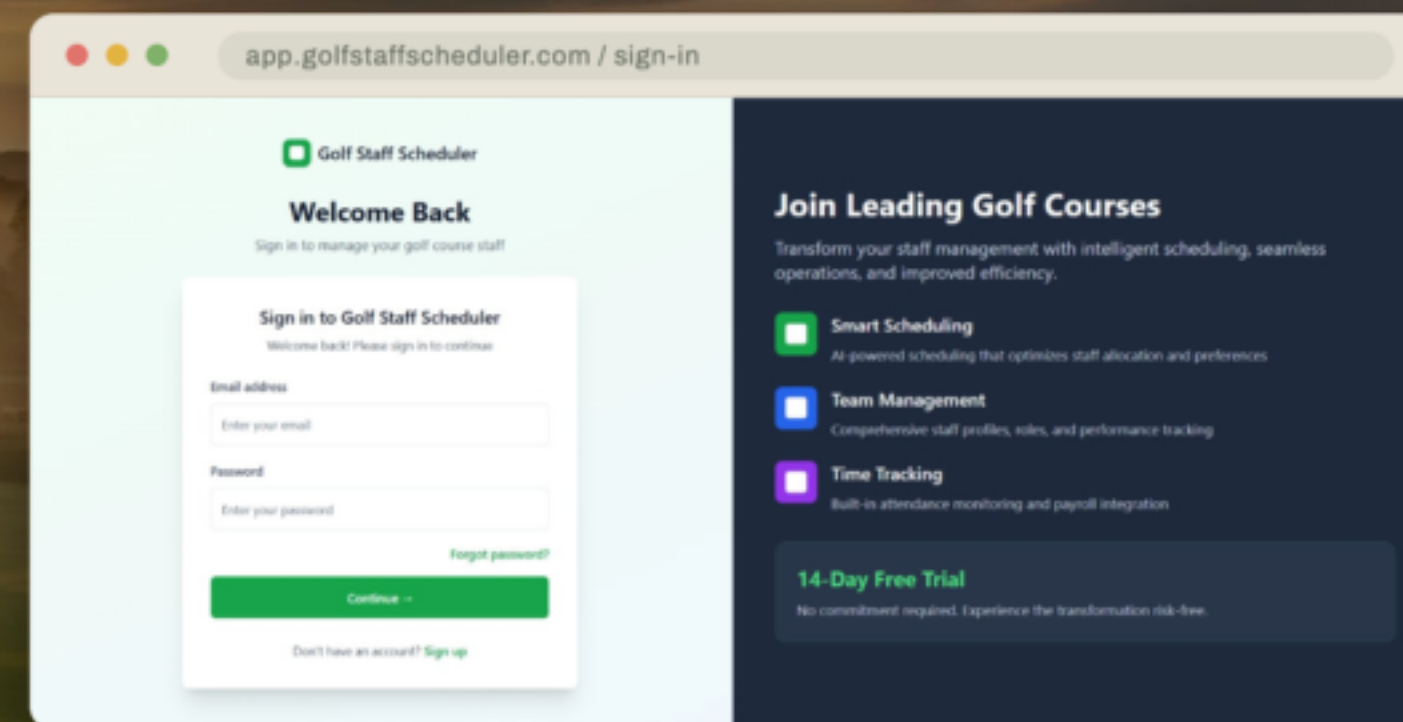


FIG. 01 ROLE-AWARE OPERATOR SIGN-IN |

INSTANCE TELEMETRY · MARCH 2026

369

Shifts
scheduled

3,189

Labor hours
tracked

100.8%

Coverage
rate

The Case at a Glance

A purpose-built alternative to the spreadsheet week.

i. CONTEXT

Golf ownership groups run several clubs at once, each with its own roster, event calendar, and seasonal rhythm yet share one back office and one labor budget.

ii. CHALLENGE

Spreadsheet planning hides coverage gaps until the morning of play, buries swap and leave decisions in text threads, and gives owners no comparable view across properties.

iii. INTERVENTION

A multi-tenant platform with tenant-aware roles, a visual weekly grid, position-level coverage checks, staff-initiated swaps and time-off, and manager-approved AI suggestions.

iv. OUTCOME

Every shift, gap, swap, and approval is now a logged, reportable record reconciled across three departments in a single monthly view.



INSTRUMENTED RESULT

100.8%

Coverage rate across 369 shifts, March 2026

3,189

Labor hours tracked and attributable by department

1

Understaffed position outstanding — visible, not hidden

Source: Golf Staff Scheduler reporting dashboard, Mar 1–31, 2026 (live instance).

Why Golf Staffing Resists Spreadsheets

Labor is the largest and least forgiving line in a course budget and three compounding forces make it structurally harder to plan than generic shift work.

THE STRUCTURAL FACT

70%+

of a golf course maintenance budget now goes to labor up from the 50–60% long considered typical.

USGA Green Section Record — "Labor HYA: An Easy Way To Help You Match Expectations With Staffing Needs"

01 Demand swings faster than the roster

Snowbird season, member events, and storm days move required headcount week to week. A static sheet cannot re-forecast; it can only be retyped.

02 Skilled labor is the industry's top concern

In a 117-respondent USGA survey across 35 states, superintendents ranked lack of qualified labor their single highest current concern. Every unplanned gap is expensive to backfill.

03 Both directions of error cost money

Overstaffing cuts directly into margin; understaffing degrades the round and burns out the crew you retained. Spreadsheets flag neither until the day arrives.

Ownership groups feel all three at once multiplied by every property, with no comparable view across them.



Built on a Typed, Tenant-Aware Stack

Next.js and TypeScript at the edge, Supabase and PostgreSQL underneath, with role-based access control enforced across companies, clubs, and individual staff members.

01

FRONTEND & FULL-STACK

Next.js · TypeScript

Server-rendered manager surfaces and a mobile staff portal from one typed codebase.

02

DATABASE & BACKEND

Supabase · PostgreSQL

Relational source of truth for shifts, positions, swaps, leave, and labor hours.

03

AUTHENTICATION & AUTHORIZATION

Supabase Auth · RBAC

Every request is checked against role and tenant before data is returned.

04

DEPLOYMENT

Vercel

Continuous deployment with preview environments per change.

ACCESS ROLES	
Company Owner	All clubs
Club Manager	One club
Staff Member	Own record

MULTI-TENANT ARCHITECTURE

Tenant-aware data isolation with club- and company-level permissions one deployment, one schema, strictly partitioned records.

CORE FEATURES

- AI-powered scheduling
- Real-time coverage tracking
- Shift swaps
- Time-off workflows
- Analytics
- Schedule exports

Where the Week Breaks Down

One club's week is roughly twenty positions across seven days, with event overlays. The failure is rarely dramatic it is one quiet unfilled cell nobody sees until the tee sheet is live.

THE CHAIN OF FAILURE

- i. **A cell goes blank**
Someone requests leave in a text message. The sheet is never updated.
- ii. **Nobody is counting by position**
Totals look fine. Cart Cleaning specifically has nobody on it.
- iii. **The fix happens by phone**
A manager calls in a favour. Overtime is incurred and never attributed.
- iv. **Ownership learns nothing**
No record exists, so the same gap recurs next month at the next property.

ONE LIVE WEEK, MEASURED

Bag Room	100% · fully staffed
Director of Golf	100% · fully staffed
Bag Room Closer	113% · +1 extra staff
Bag Runner	71% · 2 missing shifts
Cart Cleaning	0% · 3 missing shifts

Two positions over, two positions short same week, same club.

One Platform, Three Vantage Points

Each club is an isolated tenant. Each role sees exactly the surface it needs and nothing belonging to another property.

TIER 01

Company Owner

Cross-club visibility, top-level governance, consolidated reporting, and permission standards that scale as properties are added.

TIER 02

Club Manager

Builds the week, tracks coverage by position, approves swaps and leave, and overlays local events onto the grid.

TIER 03

Staff Member

Mobile portal for personal shifts, proposing swaps, requesting time off, and setting availability in advance.

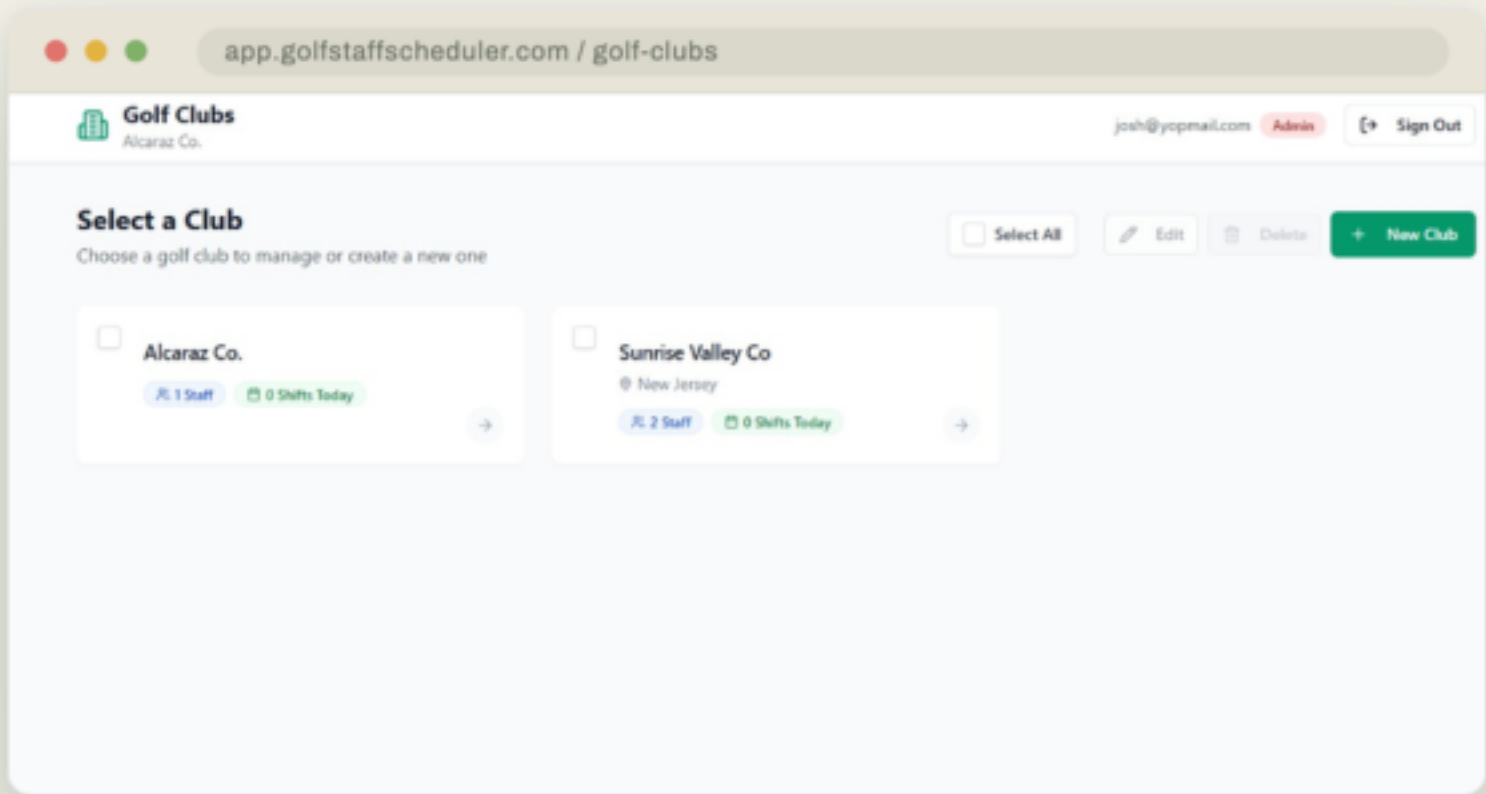


FIG. 02 TENANT SELECTION AT SIGN-IN

SECURITY POSTURE

Tenant-aware role checks on every request a manager at one club cannot read, edit, or export another club's roster.

The Week, Made Visible

The entire operating week on one screen positions down, days across, member events overlaid on top. Colour carries the position, so a gap reads as a gap at arm's length.

01 Colour-coded positions

Bag Room, Driving Range, Golf Shop, Cart Services legible at a glance.

02 Drag-and-drop assignment

Rebuild a disrupted day by moving cells, not retyping rows.

03 Instant conflict checks

Double-bookings and approved-leave collisions are refused at entry.

04 Event overlays

Shotguns, interclubs, and tee-time blocks sit above the roster they drive.

Week of Feb 23 – Mar 1, 2026.

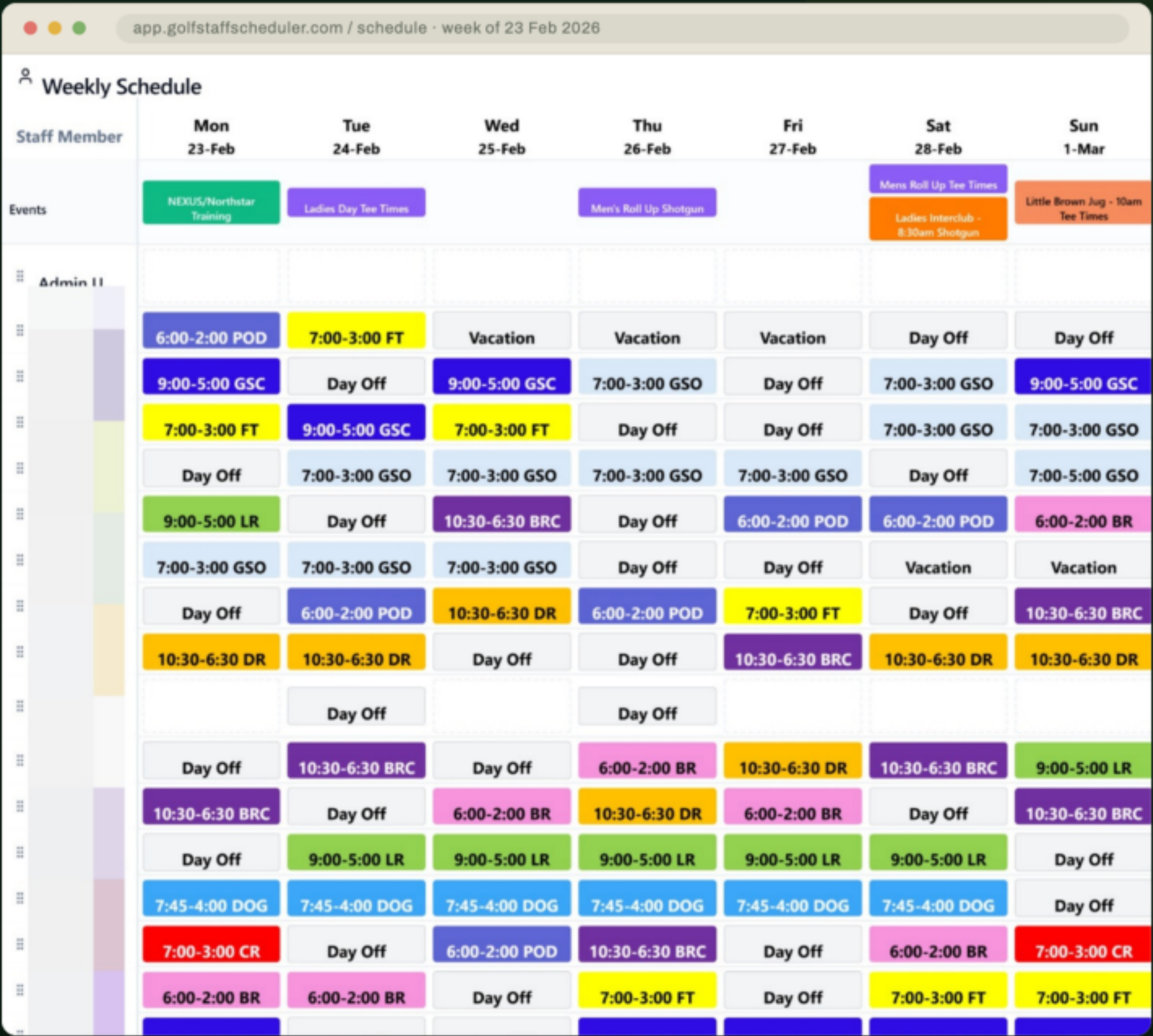


FIG. 03 — WEEKLY SCHEDULE, LIVE INSTANCE

Suggestions Propose, Managers Decide

The system drafts against availability, roles, event load, and historical demand then flags coverage by position. Nothing publishes without a manager's approval.

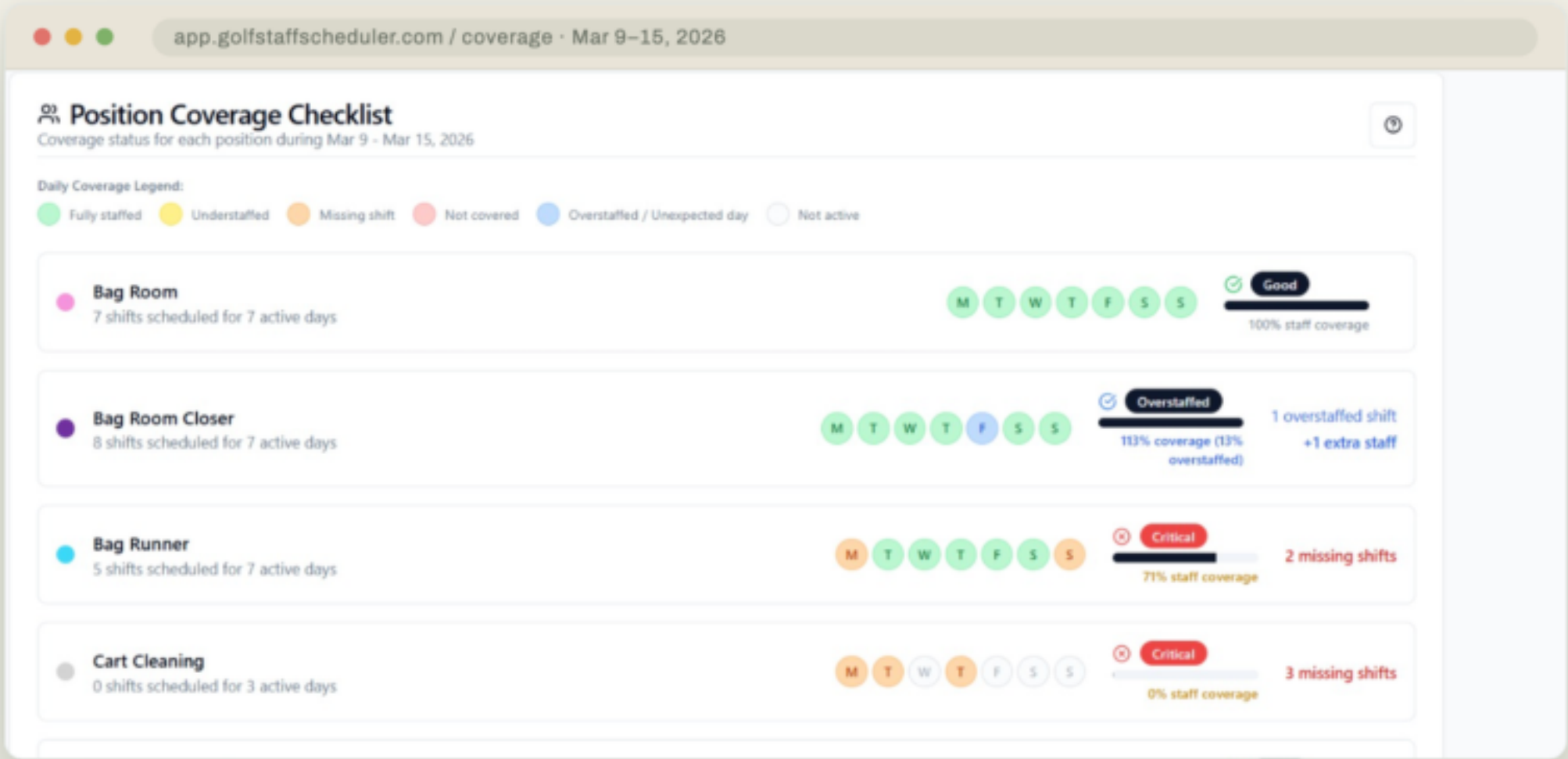
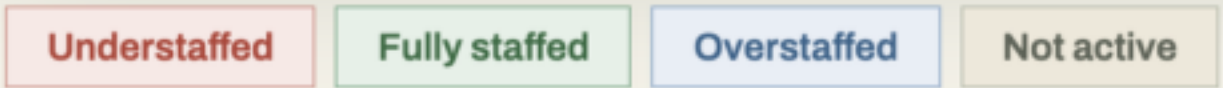


FIG. 04 POSITION COVERAGE CHECKLIST, WEEK OF MAR 9–15, 2026



Both directions are surfaced the over-staffed shift is as much a finding as the missing one.

20–30%

Field productivity gain

Recorded in a McKinsey utility pilot of AI schedule optimisation; scheduler productivity rose a further 10–20%.

75%

Fewer schedule break-ins

Over the same six-week pilot, with job delays down 67% the emergency reshuffles that consume a manager's morning.

Benchmarks: McKinsey & Company, "Smart scheduling for utilities." Indicative of the method, not golf-specific results.

Staff Self-Serve, Managers Stay in Control

The text-message layer is replaced by two auditable queues. Staff initiate; managers approve or decline; every decision keeps its date and its author.

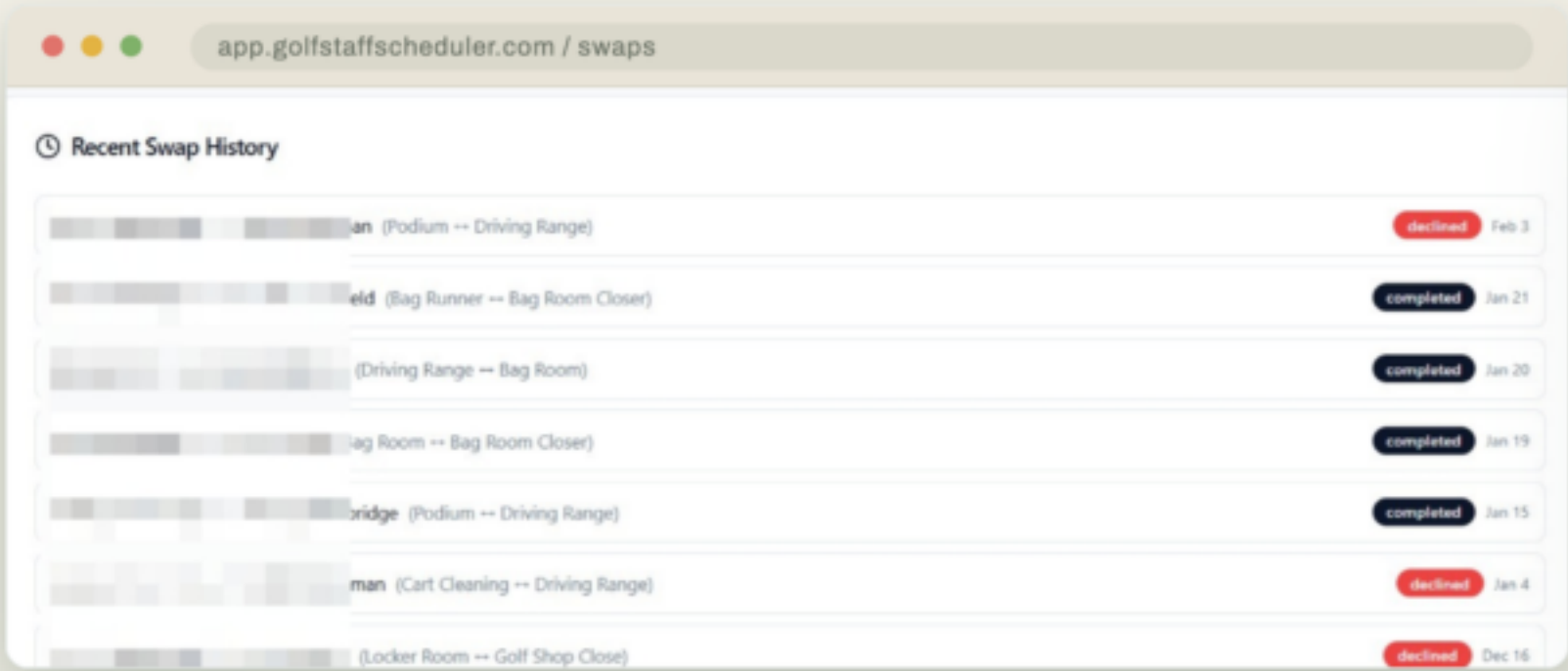


FIG. 05 SWAP HISTORY

Shift Swaps & Trades

Staff propose a trade from their own portal Podium to Driving Range, Bag Runner to Bag Room Closer. Each proposal resolves to *completed* or *declined* and stays on the record.

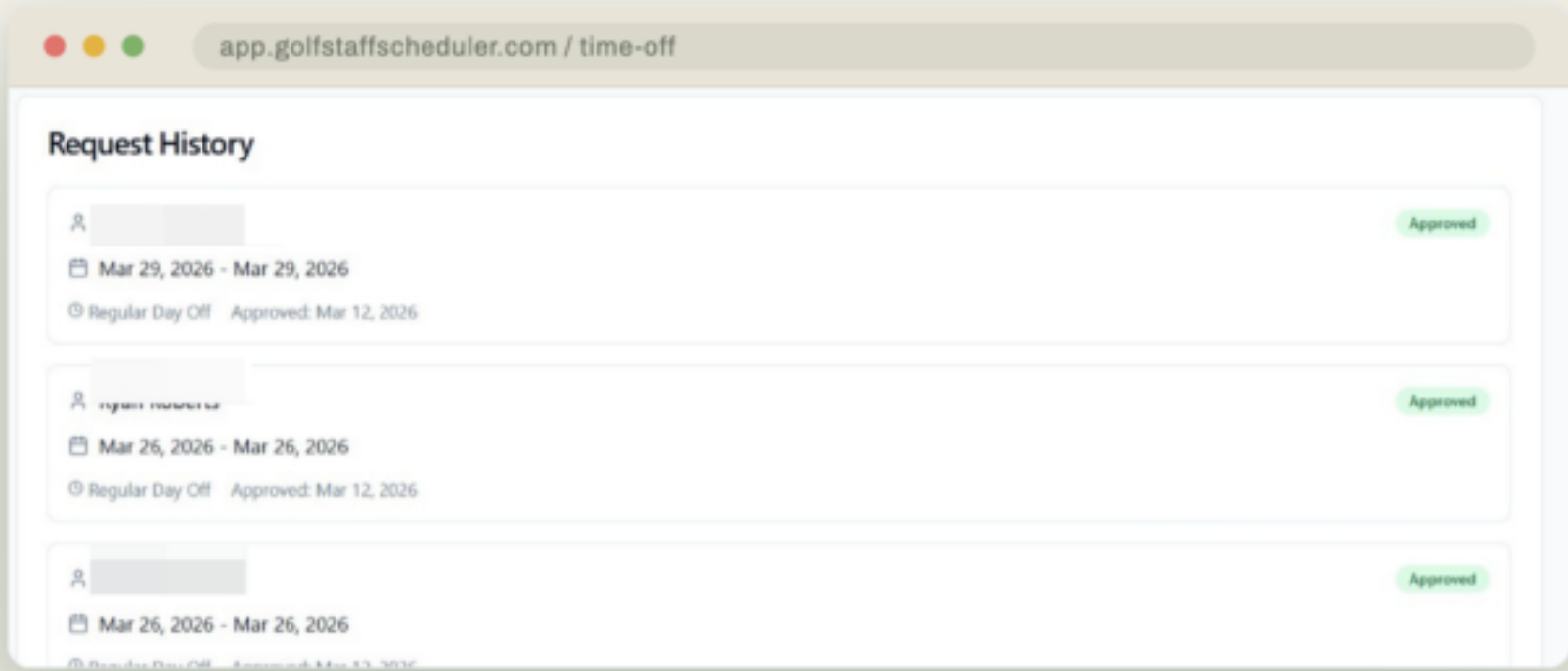


FIG. 06 REQUEST HISTORY

Time-Off Requests

Leave is requested against dated ranges and carries its approval stamp so the schedule grid and the leave ledger can never quietly disagree.

Declined requests matter as much as approved ones together they form the audit trail a spreadsheet never had.

From Guesswork to a Reportable Month

The measurable shift is not that fewer things go wrong it is that everything is now counted, attributed, and comparable across departments.

BEFORE · SPREADSHEET WEEK

Coverage known on the morning of play

Swaps settled in text threads

Leave approvals held in memory

Labor hours estimated after the fact

No comparable view between clubs

AFTER · INSTRUMENTED

Coverage known per position, per day, in advance

Swaps resolved to completed or declined, with dates

Leave stamped with approver and approval date

3,189 hours attributed across three departments

One monthly report per tenant, same definitions

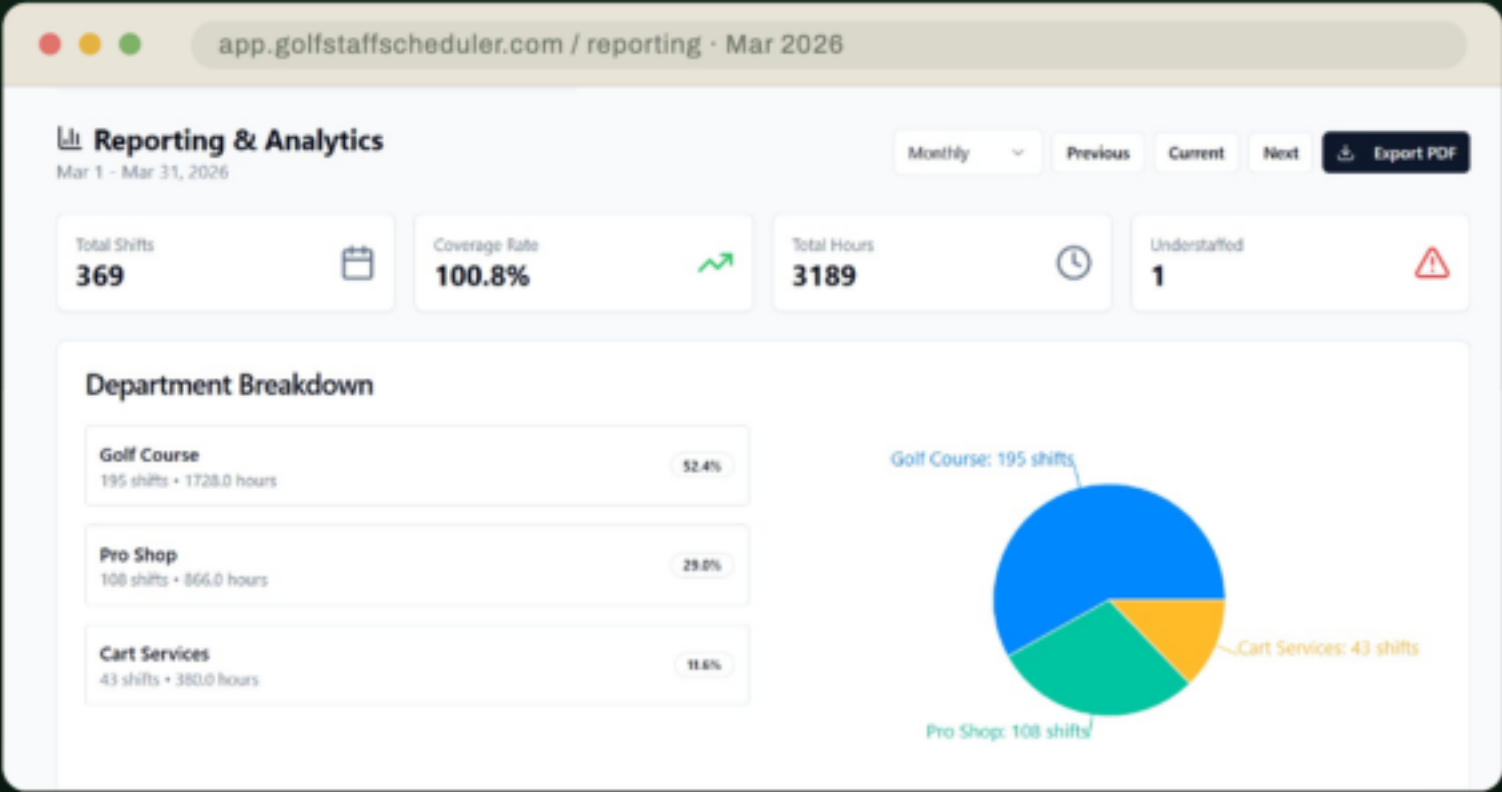


FIG. 07 — REPORTING, MAR 1–31, 2026

52.4%

Golf Course
195 shifts · 1,728 h

29.0%

Pro Shop
108 shifts · 866 h

11.6%

Cart Services
43 shifts · 380 h

Departments shown account for 93% of the month; remainder unassigned. Live instance data.



Smarter Staffing for a Premier Golf Club

We built a custom staff scheduling platform for a Bermuda-based golf club, helping them streamline operations, reduce manual work, and ensure the right team is always in place especially during peak season.

01

Custom Solution

Built a tailored scheduling platform for their golf club operations and seasonal needs.

02

Role-Based Access

Owners, managers, and staff each get the right tools and visibility.

03

Real-World Impact

Less manual work, better coverage, and smoother operations during peak season.



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