Ankylo Gaming POS

Complete Gaming Center Management System

Ankylo Gaming POS is a powerful, all-in-one platform designed to streamline every aspect of your gaming center's operations. From real-time session tracking and booking management to comprehensive inventory control, financial oversight, and customer loyalty programs, Ankylo provides the tools you need to maximize efficiency and profitability.

Modern Frontend

Delivers a fast, intuitive user experience with React + TypeScript.

Live Data Sync

Ensures always-current information across all operations.

Precise Session Tracking

Accurate countdowns and billing with robust session timers.

Robust Security

Role-based access control protects your critical data.

Core Operational Features

Essential tools designed to optimize daily gaming center operations.

Real-time Session Management

Effortlessly track gaming sessions across PC, consoles, VR, and simulators. Includes countdown timers, automatic status updates, and flexible pause/resume functionality to maximize uptime and revenue.

- Live session tracking & status updates
- Visual & audio countdown timers
- Multi-device support (PC, PS5, VR, simulators)
- Flexible pause and resume options

Handle walk-in and advance bookings with intelligent

Streamlined Booking Management

conflict detection and instant seat allocation, ensuring smooth customer flow and efficient resource utilization.

Quick walk-in processing

Management

making.

- Advance reservation system
- Automated conflict prevention Bulk operations for events/parties
- Customer booking history tracking

Comprehensive Financial

Gain clear insights into your center's finances with

detailed expense tracking, category-wise reporting,

and flexible export capabilities for informed decision-

Manage food and beverage sales seamlessly with

Integrated Food & Inventory

dynamic pricing, real-time order tracking, and comprehensive inventory control.

- Comprehensive item catalog
- Direct order integration with bookings
- Real-time quantity tracking Configurable pricing options
- Revenue analytics for F&B
- Detailed expense categorization CSV/PDF export for easy accounting
 - Monthly & quarterly financial summaries
 - Integrated revenue tracking
 - Customizable financial reports

Built with Cutting-Edge Technology

Leveraging a modern, robust tech stack ensures reliability, performance, and scalability for your gaming center.

Experience React 18+ with TypeScript for type-safe,

maintainable code

aesthetics

Frontend Stack: Intuitive User

- ✓ Vite for lightning-fast development and builds
- ✓ TanStack React Query for efficient data fetching
- Radix UI & shadon/ui components for a polished interface

Tailwind CSS with dark mode support for modern

✓ React Hook Form + Zod for robust form validation

Performance & Security Express.js with TypeScript for a scalable API

Backend Stack: Powering

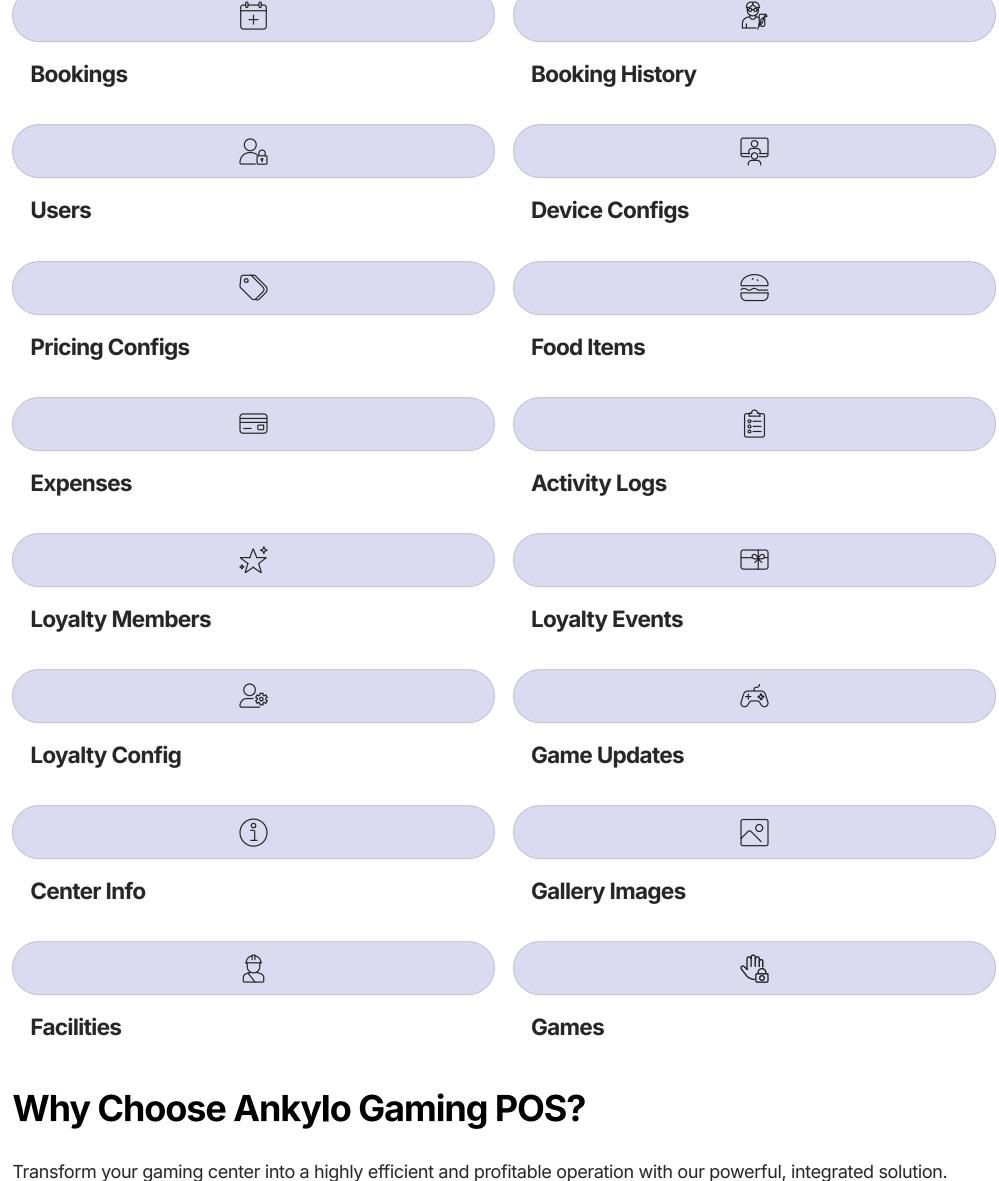
- ✓ PostgreSQL via Neon for reliable data storage
- ✓ Drizzle ORM for type-safe database interactions
 - ✓ RESTful API design for seamless integration

✓ Bcrypt for secure password hashing

- Express-session for secure authentication

Comprehensive Database Schema

Our 16-table schema meticulously covers all aspects of gaming center operations, ensuring data integrity and flexibility.



Streamlined Operations Real-time Monitoring

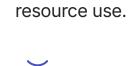


effort.

Financial Control

Comprehensive tracking of expenses and revenue for better budgeting.

Centralized management for all activities, reducing manual



Actionable analytics and reporting for strategic insights.



improve experience.

Future-Proof Scalability

Flexible device and pricing configurations adapt to your

Automated customer service and public status boards

Live tracking of sessions and availability for optimal



Enterprise Security

business.

Data-Driven Decisions

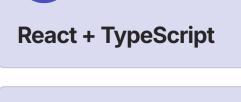
Robust role-based access and restrictions protect your

operations.

Type Safety & Reliability Full-stack TypeScript ensures dependable, error-free

Ready to Transform Your Gaming Center?

Ankylo Gaming POS is the complete solution built for modern gaming centers, combining cutting-edge technology with unparalleled functionality.



Real-time Updates



Full Stack Architecture

Made with **GAMMA**