

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

Streamlined Booking Management

Handle walk-in and advance bookings with intelligent conflict detection and instant seat allocation, ensuring smooth customer flow and efficient resource utilization.

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

Integrated Food & Inventory

Manage food and beverage sales seamlessly with 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

Comprehensive Financial Management

Gain clear insights into your center's finances with detailed expense tracking, category-wise reporting, and flexible export capabilities for informed decision-making.

- 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.

Frontend Stack: Intuitive User Experience

- ✓ React 18+ with TypeScript for type-safe, maintainable code
- ✓ Vite for lightning-fast development and builds
- ✓ TanStack React Query for efficient data fetching
- ✓ Radix UI & shadcn/ui components for a polished interface
- ✓ Tailwind CSS with dark mode support for modern aesthetics
- ✓ React Hook Form + Zod for robust form validation

Backend Stack: Powering Performance & Security

- ✓ Express.js with TypeScript for a scalable API
- ✓ PostgreSQL via Neon for reliable data storage
- ✓ Drizzle ORM for type-safe database interactions
- ✓ Bcrypt for secure password hashing
- ✓ RESTful API design for seamless integration
- ✓ 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.



Bookings



Booking History



Users



Device Configs



Pricing Configs



Food Items



Expenses



Activity Logs



Loyalty Members



Loyalty Events



Loyalty Config



Game Updates



Center Info



Gallery Images



Facilities



Games

Why Choose Ankylo Gaming POS?

Transform your gaming center into a highly efficient and profitable operation with our powerful, integrated solution.



Streamlined Operations

Centralized management for all activities, reducing manual effort.



Real-time Monitoring

Live tracking of sessions and availability for optimal resource use.



Financial Control

Comprehensive tracking of expenses and revenue for better budgeting.



Enhanced Customer Satisfaction

Automated customer service and public status boards improve experience.



Data-Driven Decisions

Actionable analytics and reporting for strategic insights.



Future-Proof Scalability

Flexible device and pricing configurations adapt to your growth.



Enterprise Security

Robust role-based access and restrictions protect your business.



Type Safety & Reliability

Full-stack TypeScript ensures dependable, error-free operations.

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.



React + TypeScript



PostgreSQL



Real-time Updates



Full Stack Architecture

