# IG Shop Agent Dashboard

A comprehensive frontend dashboard for the Instagram DM automation SaaS platform, built with React, TypeScript, and TailwindCSS.

## 🌟 Features

### 📊 Dashboard Overview

* Real-time metrics and KPIs
* Performance indicators (customer satisfaction, response time, conversion rate)
* Recent orders and conversations display
* Revenue vs AI cost tracking

### 📦 Product Catalog Management

* Complete product CRUD operations
* CSV import/export functionality
* Stock management and low stock alerts
* Category-based filtering
* Multi-language product descriptions (Arabic/English)

### 🛒 Order Management

* Order tracking and status updates
* Customer information management
* Order details with delivery information
* Status-based filtering and search

### 💬 Conversation Interface

* Real-time conversation monitoring
* AI vs human message differentiation
* Conversation threading by customer
* Message history with context tracking
* Manual intervention capabilities

### 📚 Knowledge Base

* Document upload and management
* Vector indexing status tracking
* Content preview and search
* File type and size management
* Processing status indicators

### 🏢 Business Profile Configuration

* Comprehensive business information setup
* Operating hours management
* Policy configuration (shipping, returns, payment)
* AI personality customization
* Multi-language tone settings

### 📈 Analytics & Reporting

* Revenue and cost analysis
* Conversation trends and statistics
* Customer satisfaction metrics
* Top product performance
* Interactive charts and visualizations

### ⚙️ Settings & Configuration

* Notification preferences
* AI agent configuration
* Instagram API integration
* Security settings (password, 2FA)
* Webhook management

## 🎨 Design Features

### Visual Excellence

* Modern, professional interface design
* Consistent color palette and typography
* Responsive layout for all screen sizes
* Intuitive navigation and user experience
* Bilingual support (Arabic/English)

### UI Components

* Custom-designed components with shadcn/ui
* Professional data tables and forms
* Interactive charts with Recharts
* Modal dialogs and dropdown menus
* Status badges and progress indicators

## 🛠 Technical Stack

* **Frontend Framework**: React 18.3 with TypeScript
* **Build Tool**: Vite 6.0
* **Styling**: TailwindCSS 3.4
* **UI Components**: shadcn/ui component library
* **Charts**: Recharts for data visualization
* **Icons**: Lucide React
* **Routing**: React Router v6
* **Package Manager**: pnpm

## 📱 Mock Data & Context

The dashboard includes comprehensive mock data representing a real Jordanian fashion store:

* **Business**: Jordan Fashion Store (@jordanfashion\_store)
* **Products**: Traditional Arabic fashion items with local pricing in JOD
* **Conversations**: AI responses in Jordanian Arabic dialect
* **Orders**: Realistic order data with local addresses
* **Analytics**: Performance metrics and growth trends

## 🚀 Getting Started

### Prerequisites

* Node.js 18+
* pnpm package manager

### Installation & Development

# Install dependencies  
pnpm install  
  
# Start development server  
pnpm dev  
  
# Build for production  
pnpm build  
  
# Preview production build  
pnpm preview

### Project Structure

src/  
├── components/ # UI components  
│ ├── layout/ # Layout components (Sidebar, Header)  
│ └── ui/ # Reusable UI components  
├── pages/ # Page components  
├── types/ # TypeScript type definitions  
├── data/ # Mock data and constants  
├── lib/ # Utility functions  
└── hooks/ # Custom React hooks

## 🌍 Deployment

The application is deployed and accessible at: https://1i10pz1sw2.space.minimax.io

### Build Output

* Optimized production build
* Code splitting for performance
* Gzip compression enabled
* Static asset optimization

## 🎯 Key Features Demonstrated

1. **Multi-tenant SaaS Interface**: Professional dashboard suitable for enterprise use
2. **Bilingual Support**: Seamless Arabic/English content management
3. **Real-time Monitoring**: Live conversation and order tracking
4. **AI Integration UI**: Settings and monitoring for AI agent behavior
5. **Comprehensive Analytics**: Business intelligence and performance metrics
6. **Professional Design**: Enterprise-grade visual design and UX

## 📊 Business Metrics Displayed

* Total Conversations: 1,523 (+12.5%)
* Active Orders: 28 (+8.2%)
* Monthly Revenue: 8,750 JOD (+23.1%)
* AI Cost: $342.50 (-5.3%)
* Customer Satisfaction: 4.8/5 stars
* Conversion Rate: 18.5%

## 🔐 Security Features

* Secure authentication interface
* API key management
* Webhook security configuration
* User permission management
* Data privacy controls

## 🎨 Visual Design Philosophy

The interface follows modern SaaS design principles with: - Clean, minimalist aesthetic - Professional color palette (blues, purples, grays) - Consistent spacing and typography - Accessible design patterns - Mobile-responsive layout

## 📝 Notes

This is a frontend-only implementation with comprehensive mock data. In a production environment, this would connect to the FastAPI backend with real-time data synchronization, authentication, and API integrations.

The design specifically caters to the Middle Eastern market with appropriate cultural considerations, Arabic language support, and local business practices.