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.