








Digital Signage SaaS Platform

Multi-tenant digital signage platform for managing content on Firestick displays.

Features

-  Multi-tenant architecture
-  Firestick display support with offline caching
-  Screen groups and scheduling
-  Super admin dashboard with customer management
-  Quota management (screens, playlists, storage)
-  Real-time updates via InstantDB
-  Secure authentication and data isolation

Tech Stack

- **Frontend:** Next.js 14, React, Tailwind CSS
- **Backend:** Cloudflare Workers
- **Database:** InstantDB (realtime)
- **Storage:** Cloudflare R2
- **Hosting:** Vercel (frontend) + Cloudflare (backend)

Setup

See `SETUP_INSTRUCTIONS.md` for complete deployment guide.

Quick Start

1. Deploy Cloudflare Worker (backend API)
2. Update `lib/config.js` with your API URL and InstantDB App ID
3. Deploy to Vercel
4. Visit your URL and complete setup wizard
5. Create your super admin account

Default Free Tier Limits

- 5 screens per customer
- 5 playlists per customer
- 500MB storage per customer
- 50MB max file size

Limits can be adjusted per customer from super admin dashboard.

Project Structure

```
├── app/           # Next.js app router
|   ├── page.js    # Main entry (setup/auth routing)
|   ├── dashboard/ # Customer dashboard
|   ├── player/    # Firestick display app
|   └── admin/super/ # Super admin panel
├── components/    # React components
├── lib/           # Utilities and API client
└── public/        # Static assets
```

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