

🔔 ERP Warning Management System



Team Accountability & Warning Management Platform

Built for INTELLCAP ERP Solutions

Next.js 15 | React 19 | Node.js 18+

⌚ About This Project

This **Warning Management System** was developed as part of the **INTELLCAP ERP Solutions** project to maintain team accountability, productivity, and professional standards across the organization.

💡 Project Vision

We're building a solution to **automate and centralize all internal operations** at INTELLCAP SARL, Filiale Africa/Morocco, INTELLCAP Corp. — from recruitment to project management — using a scalable, modular microservices architecture.

🏗 What We're Building (Phase 1)

| Service | Description | Status |
|-------------------|---|--|
| 📄 CVs Service | Smart recruitment management system handling 1200+ candidates | In Progress |
| ⚠️ Warning System | Team accountability and warning tracking | <input checked="" type="checkbox"/> Complete |
| 📊 ERP Dashboard | Centralized management interface | In Progress |

💡 We're currently in the **System Design Phase** of the recruitment module, laying the groundwork for scalability and long-term performance.

👥 The Team

Team Leader

Owner: Ayoub Majjid

♦ 1 / 5 ♦

School: EMSI

✉️ majjid.com

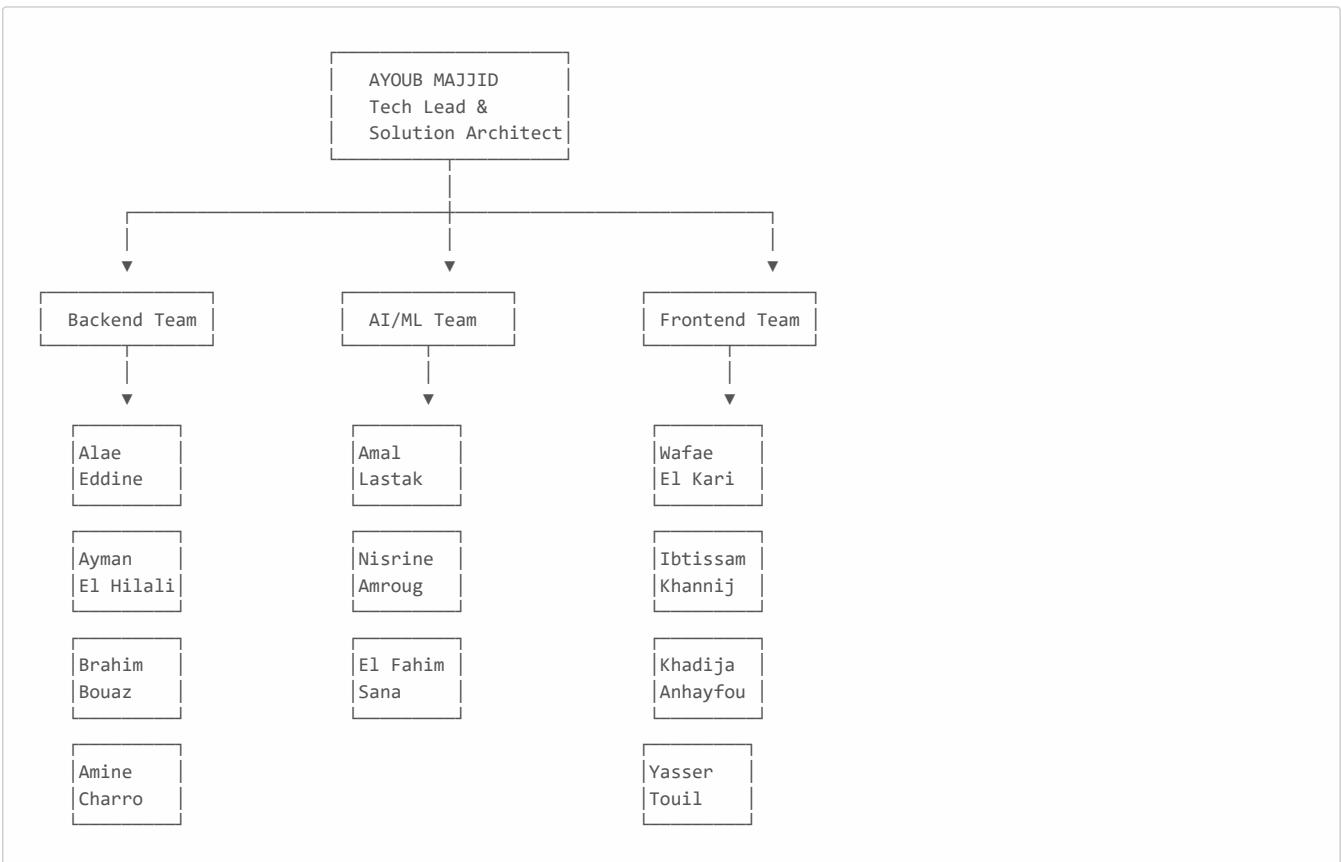


Ayoub Majjid

Tech Lead & Solution Architect

majjid.com • [GitHub](https://github.com/majjid)

Team Structure



Team Members



Alae Eddine
Backend



Amal Lastak
AI/ML



Amine Charro
Backend



Ayman El Hilali
DevOps



Brahim Bouaz
Backend



El Fahim Sana
AI/ML



Ibtissam Khannij
Frontend



Khadija Anhayfou
Frontend



Nisrine Amroug
AI/ML



Wafae El Kari
Frontend



Yasser Touil
Frontend

⚠ Why This Warning System?

Managing a team of **17+ people** across multiple domains requires clear expectations and accountability. This system was built to:

1. **Establish Clear Expectations** - Document what's expected from every team member

2. **Fair Warning System** - Give members fair notice before any serious consequences
3. **Maintain Productivity** - Ensure deadlines are met and communication flows
4. **Protect Team Morale** - Create accountability without micromanagement
5. **Enable Scaling** - As the team grows, the system scales with it

The 3-Warning Policy

| Warnings | Status | Action |
|----------|---|-----------------|
| 0 | <input checked="" type="checkbox"/> Good Standing | Keep it up! |
| 1 | <input type="triangle-down"/> First Notice | Review feedback |
| 2 | <input type="diamond"/> At Risk | Final warning |
| 3 | <input type="cross"/> Dropped | Access revoked |

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Features

Admin Features

- **Dashboard** - Overview of team statistics and warning charts
- **Member Management** - Add, view, disable members (local env only)
- **Warning System** - Issue warnings with documented reasons
- **Activity Log** - Complete audit trail of all admin actions
- **Warning Policy** - View and share team guidelines

Member Features

- **Personal Dashboard** - View status and notifications
- **Warning History** - Track personal warnings
- **Team Directory** - Browse team member profiles
- **Warning Policy** - Understand expectations

Tech Stack

| Category | Technology |
|-----------------------|--------------------------------|
| Framework | Next.js 15 (App Router) |
| Frontend | React 19, CSS Modules |
| Backend | Next.js API Routes |
| Database | JSON file-based storage |
| Authentication | JWT + SHA-256 password hashing |
| Email | Nodemailer with Gmail SMTP |
| Icons | Lucide React |

Project Structure

```

next-app/
├── src/
│   ├── app/
│   │   ├── admin/          # Admin pages
│   │   ├── dashboard/      # Member pages
│   │   ├── api/            # API routes
│   │   └── db/              # JSON database
│   ├── components/        # Reusable components
│   ├── hooks/             # Custom hooks
│   └── utils/             # Utilities
├── public/
│   ├── assets/            # Logo and static assets
│   └── profiles/          # Member profile directories
└── docs/                 # Documentation

```

🔗 Getting Started

```

# Clone repository
git clone https://github.com/ayoubmajid67/warnings_erp_project.git
cd warnings_erp_project/next-app

# Install dependencies
npm install

# Generate passwords (first time)
node src/utils/scripts/usersPasswordGenerator.js

# Run development server
npm run dev

# Open http://localhost:3000

```

🔒 Environment Variables

```

NEXT_PUBLIC_APP_ENV=local    # 'local' or 'production'
JWT_SECRET=your-secret-key
SMTP_USER=your-gmail@gmail.com
SMTP_PASS=your-app-password

```

🔗 API Documentation

| Endpoint | Method | Description |
|--------------------|-----------|------------------------|
| /api/auth/login | POST | User login |
| /api/auth/logout | POST | User logout |
| /api/members | GET | List members |
| /api/members | POST | Add member (local) |
| /api/members | DELETE | Disable member (local) |
| /api/warnings | POST | Issue warning |
| /api/notifications | GET/PATCH | Notifications |

👥 User Roles

| Role | Access | Session |
|--------|--------------------|----------|
| Admin | Full system access | 1 hour |
| Member | Personal dashboard | 24 hours |

Security

- SHA-256 password hashing
 - JWT with HttpOnly cookies
 - Role-based access control
 - Environment-based write restrictions
 - Gitignored secrets
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Related Links

- **Main ERP Project:** majjid.com/project.html?project=#intellcap-system
 - **Team Leader Portfolio:** majjid.com
 - **INTELLCAP:** Internal corporate platform
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Contact

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Built with ❤ by the INTELLCAP ERP Team

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