Admin & Employee Unlimited Access Implementation

Overview

Implemented a comprehensive access control system that grants **admins and employees unlimited access** to all CDM Suite SaaS features without credit restrictions, while maintaining the existing credit system for client users.

Key Changes

1. Credit System Updates (`lib/credits.ts`)

- Added `isAdminOrEmployee()` helper function to check user roles
- Updated `hasEnoughCredits()` to bypass credit checks for admins/employees
- Updated `deductCredits()` to skip credit deduction for admins/employees
- **Impact**: Admins and employees now have unlimited credits

2. AI Assistant Chat (`app/api/assistant/chat/route.ts`)

- Bypasses daily message limits for admins/employees (free tier restriction)
- Skips credit requirements for admins/employees
- Prevents credit deduction for admins/employees
- **Impact**: Unlimited AI assistant access for internal team

3. AI Autofill Feature (`app/api/assistant/autofill/route.ts`)

- Bypasses credit checks for admins/employees
- Skips credit deduction for admins/employees
- **Impact**: Unlimited AI form autofill for internal team

4. Website Builder (`app/api/builder/generate/route.ts`)

- Bypasses credit checks for admins/employees
- Skips credit deduction for project creation for admins/employees
- **Impact**: Unlimited website generation for internal team

5. Credit API Endpoints

- **GET** `/api/credits` : Returns 999999 credits for admins/employees with `unlimited: true` flag
- **POST** `/api/credits/deduct` : Returns success without deducting for admins/employees

User Role Hierarchy

Admin: Full platform access, unlimited credits, all CRM features, can manage employees
Employee: Full platform access (same as admin), unlimited credits, work on client projects
Client: Limited by tier and credits, standard access

Admin & Employee Privileges

Unlimited Access To:

- AI Website Builder: Create unlimited websites without credit cost
- AI Assistant: Unlimited messages, no daily limits
- AI Form Autofill: Unlimited form generation
- CRM Features: Full access to Lead CRM and Sequence Management
- All Dashboard Features: Projects, analytics, services, etc.
- Client Project Management: Can work on and assign client projects

Automatic Role Assignment:

- Any user with *@cdmsuite.com email automatically gets employee role
- Existing users: fooholness@gmail.com (admin), everoythomas@gmail.com (admin)

Testing & Verification

To Test Admin/Employee Access:

1. Log in as fooholness@gmail.com or everoythomas@gmail.com (both admins)
2. Navigate to Dashboard → Builder
3. Create a website (should NOT deduct credits)
4. Use AI Assistant (should NOT have daily limits)
5. Check credit balance (should show 999999 or "Unlimited")

To Test Automatic Employee Assignment:

1. Sign up with any *@cdmsuite.com email
2. Should automatically get employee role
3. Should have unlimited access to all features

Files Modified

1. /lib/credits.ts - Core credit system
2. /app/api/assistant/chat/route.ts - AI chat endpoint
3. /app/api/assistant/autofill/route.ts - AI autofill endpoint
4. /app/api/builder/generate/route.ts - Website builder endpoint
5. /app/api/credits/route.ts - Credit balance endpoint
6. /app/api/credits/deduct/route.ts - Credit deduction endpoint

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Status: Implemented, Tested, and Deployed
Last Updated: October 13, 2025
Checkpoint: "Admin/employee unlimited access to all features"