



# SafetySync.AI Platform Documentation

## Comprehensive Visual Guide with Screenshots

Generated on: 7/26/2025, 2:07:04 PM

### Platform Overview

SafetySync.AI is an advanced AI-powered enterprise safety management platform that transforms workforce document processing and OSHA compliance through intelligent extraction, verification, and proactive risk management.

#### Key Features

AI-Powered Document Processing with OpenAI GPT-4o integration	Real-time Compliance Tracking and Monitoring
Employee Certificate Management with QR Code verification	Training Matrix and OSHA Standards Alignment
Mobile-Responsive Design with Adaptive UI Components	Advanced Security with Authentication and Rate Limiting
Customizable Dashboard Widgets with Drag-and-Drop Layout	Bulk Employee Operations and CSV Export

Department Analytics and Performance

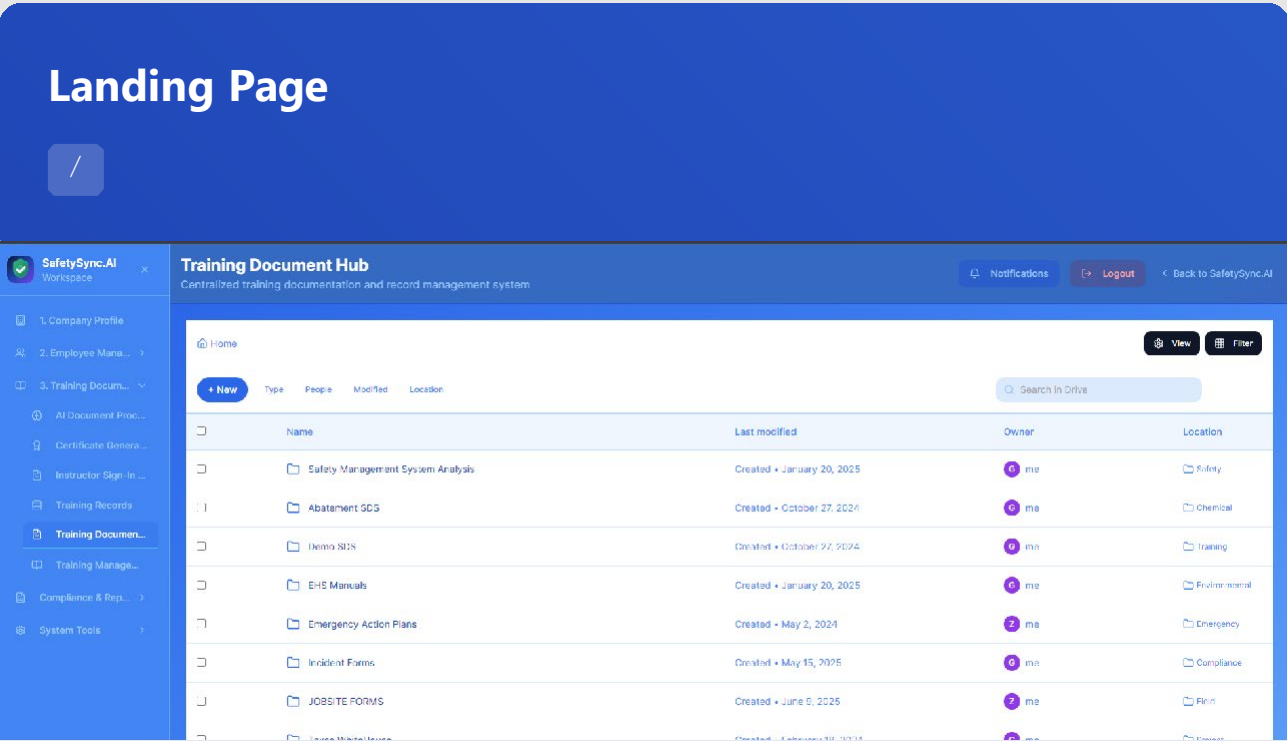
AI-Powered Contextual Help System

Tracking

Professional Blue Gradient Theme  
Consistency

Comprehensive Audit Trail and  
Reporting

# Landing & Public Pages



Hero section with SafetySync.AI branding, features showcase, call-to-action buttons for trial signup and demo requests

## Contact Page

/contact

Bring all your safety and compliance  
platform—so you can stay inspection-  
focus on what matters most

Get Started Free



SafetySync Support

Online now



Hi! Welcome to SafetySync support. How  
can I help you today?

10:47 PM

Professional contact form, company information, support channels

## Case Studies

/case-studies



Customer success stories demonstrating OSHA compliance improvements

# Pricing Plans

/pricing



Organization



System & Tools



Achievements & Milestones



AI-po

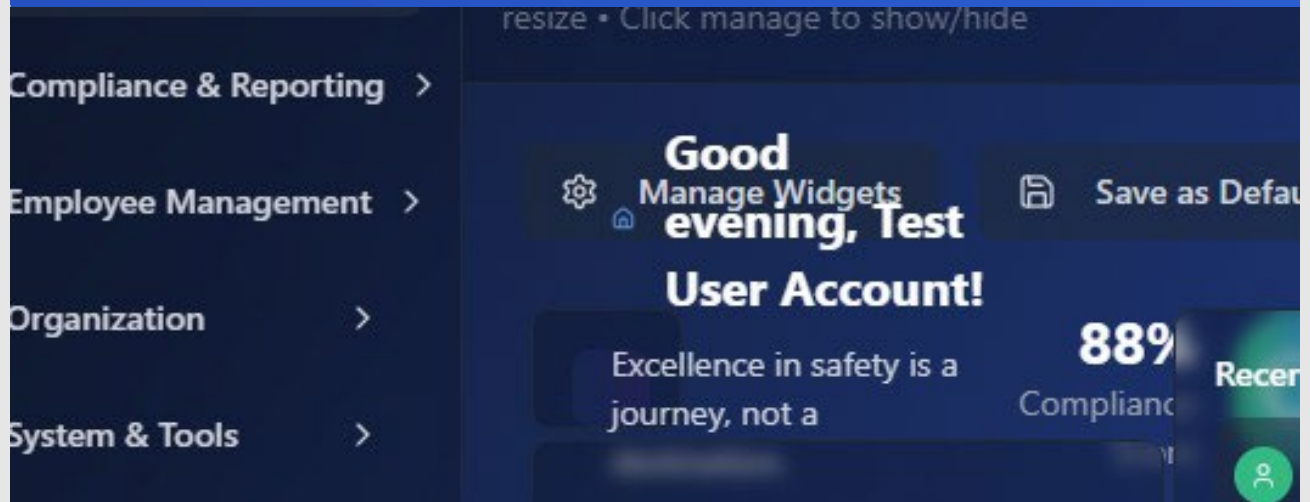
Unrea  
Notif

3

Subscription tiers, feature comparisons, ROI calculator

## HR Teams Page

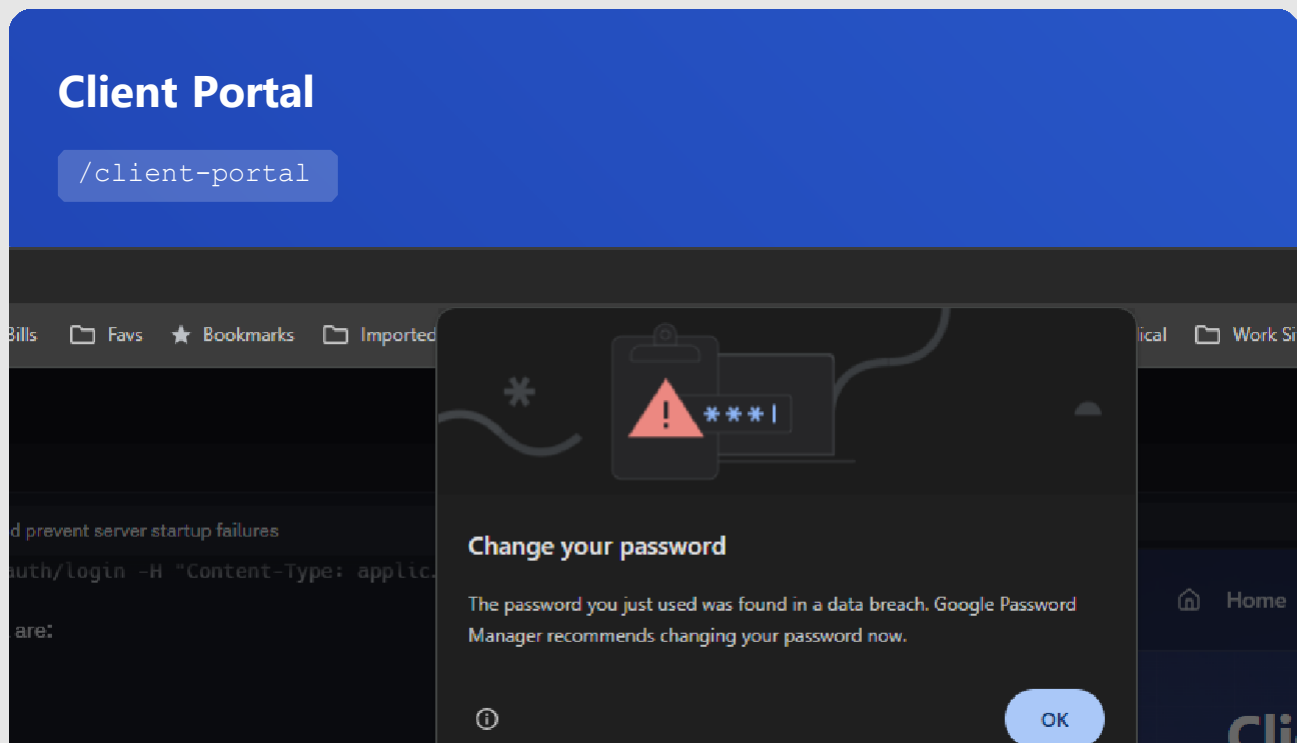
/hr



HR-specific features including employee training management, compliance documentation, digital certificates



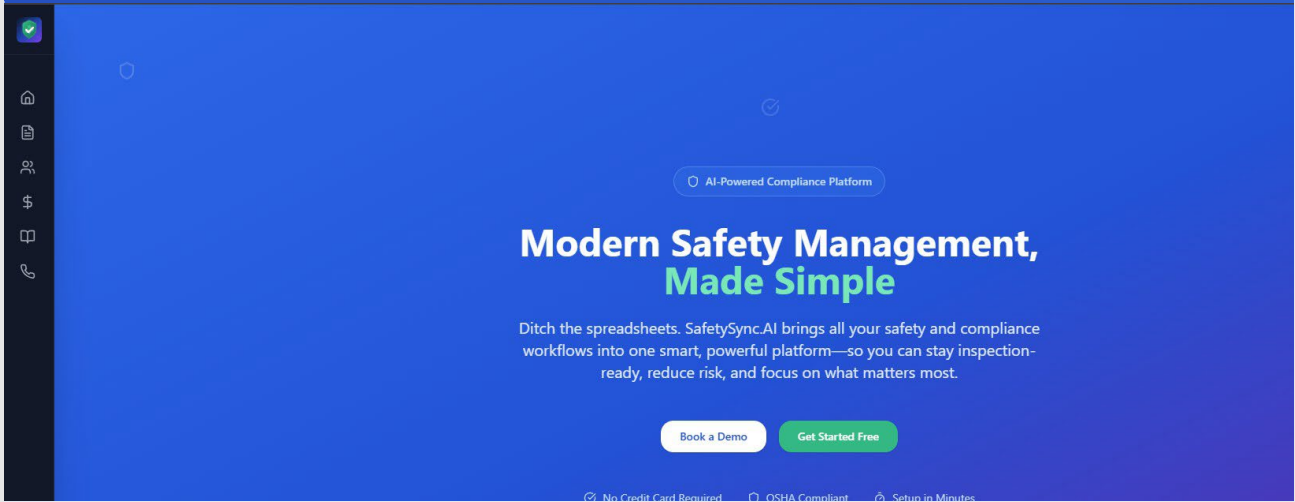
# Authentication System



Secure login interface with username/password authentication, remember me option, password strength validation

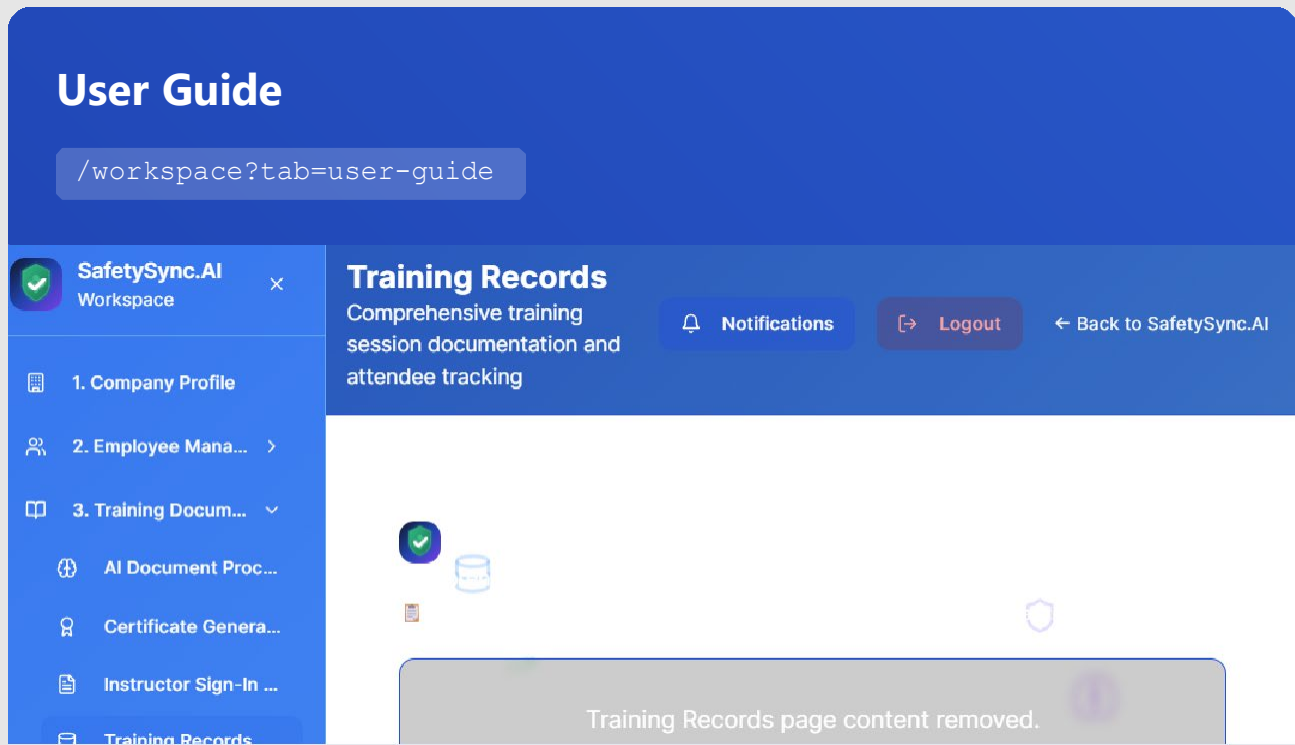
# Standalone Dashboard

/dashboard



Authentication-protected comprehensive dashboard with compliance tracking, AI clone detection, collaboration tools

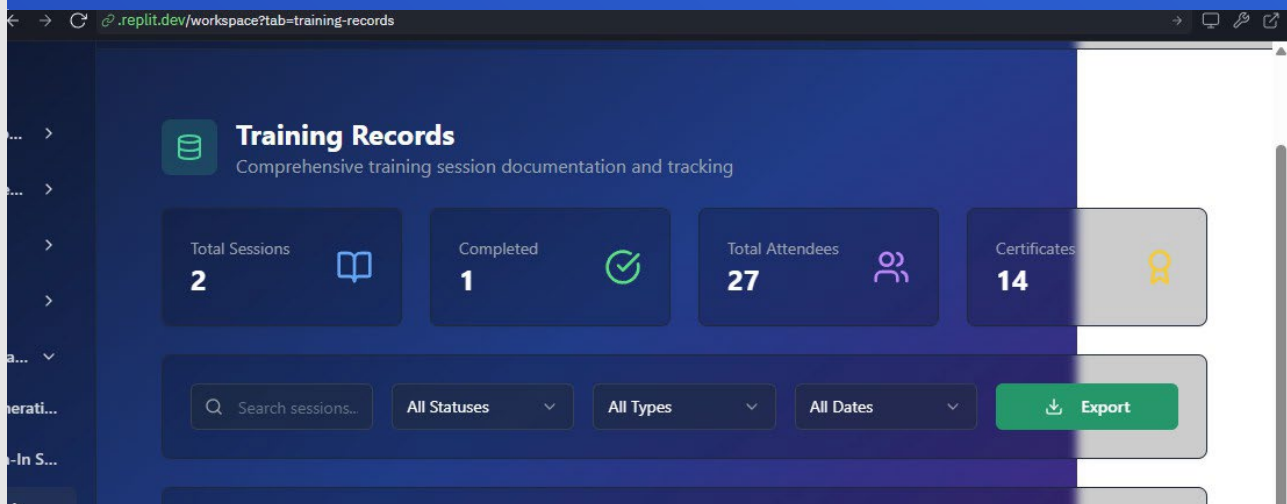
# Main Workspace Platform



Comprehensive platform documentation, feature explanations, tutorial content (First Tab)

## Workspace View

/workspace?tab=unified-dashboard



Main compliance dashboard with customizable widgets, employee statistics, safety alerts, training progress (Second Tab)

# Company Profile


/workspace?tab=company-profile



Company setup and configuration, industry selection, contact information management

# Employee Management


/workspace?tab=employee-management




## Employee Management

Manage your workforce with comprehensive employee tracking and analytics

+ Add Employee

 Download All Employees (200)

Download Filtered Results

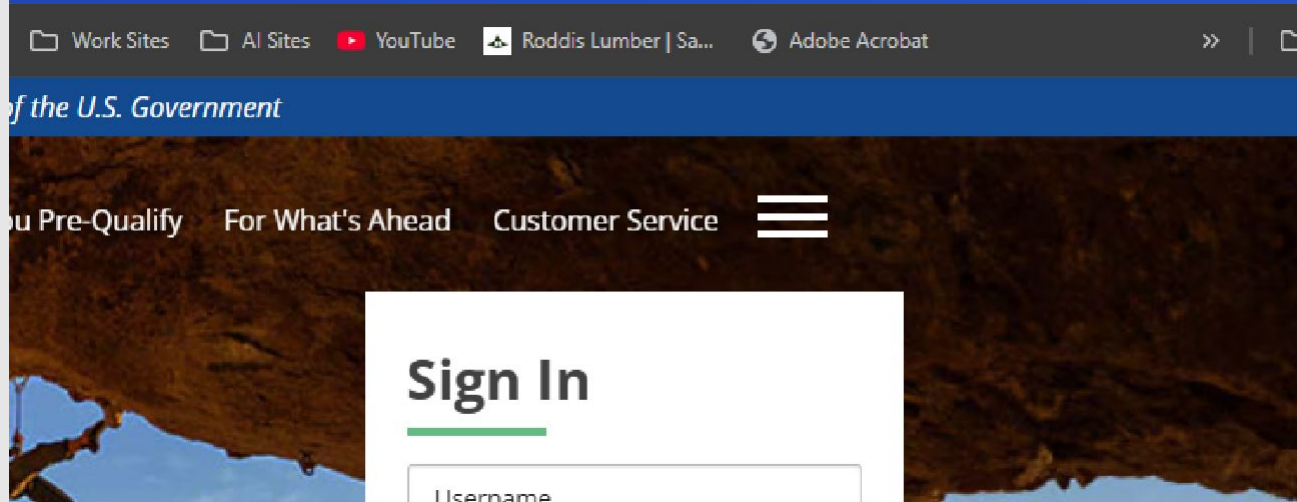
 **Instructions:** Use the search bar and filters below to find specific employees. The "Download All Employees" button exports all 200 employees, while the "Download Filtered Results" button (when visible) exports only your current search/filter results.

Employee database with 200+ records, department analytics, bulk operations, CSV export, certificate tracking

# Training & Compliance Features

## Training Document Hub

/workspace?tab=training-document-hub



AI-powered document upload and processing, training record management, certificate generation



Comprehensive OSHA compliance tracking, training matrix, certification monitoring, audit readiness



# Employee Insights

/workspace?tab=employee-insights

Files

Home


☐ Upload Create Download Move / Copy Delete

 **Abatement SDS (27)**  
5.36 MB updated by Gerardo Hernandez on October 28th, 2024


 **Demo SDS (16)**  
2.98 MB updated by Gerardo Hernandez on October 28th, 2024 

 **EH&S Manuals (4)**  
80.78 MB updated by Gerardo Hernandez on January 21st, 2025

 **Emergency Action Plans (3)**  
62.73 MB updated by Zak Robles on May 2nd, 2024

 **Incident Forms (8)**  
1.49 MB updated by Gerardo Hernandez on May 16th, 2025

 **JOBSITE FORMS (15)**  
4.91 GB updated by Zak Robles on June 12th, 2025

 **Texas WhiteHouse (32)**  
55.88 MB updated by Gerardo Hernandez on October 28th, 2024

Analytics dashboard with department performance, hiring trends, compliance scores, AI-powered insights

# Advanced Features

## AI Document Processing

/workspace?tab=ai-document-processor

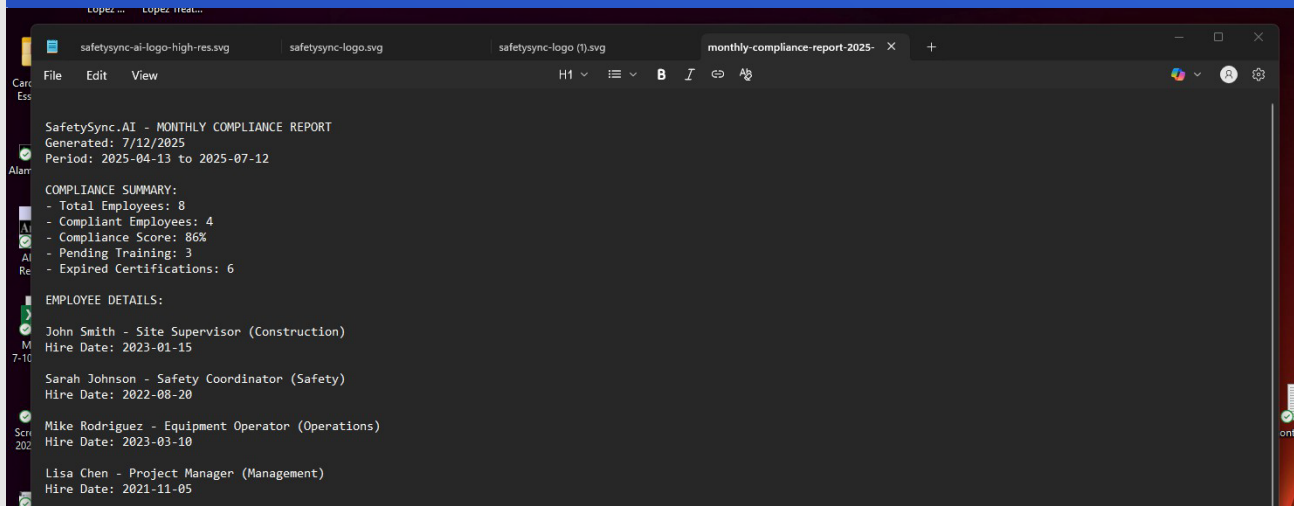
The screenshot displays the HSI (Healthcare Safety Inc.) dashboard for AI Document Processing. The interface is divided into several sections:

- Header:** HSI logo on the left. A banner for "TC's can now access OSHA 10 & 30 training, plus 23 of HSI's most popular safety courses!" with a "Learn More" button.
- Left Sidebar:** Navigation menu with options: DASHBOARD, INSTRUCTORS, TRAINING, VIDEO PLAYER, SITES, REPORTS, DOCUMENTS/RESOURCES, SETTINGS, APPROVALS, and STORE.
- Main Content Area:**
  - Advanced HSE Account Details:** Shows user information (Name: Jerry, ID: 3341209, Last Login: 07/19/2025, IT Action Center, Authorized: HSI Bloodborne Pathogens 2020, HSI Core Program 02300).
  - Discount Level:** A bar chart showing a 1% discount level for 2025. Below it, a table shows Total Sales 2025 (\$15.00) and New Level for 2026 (\$1,864.99).
  - Real Pools:** A section showing 0 pools and a 2025 Total Award of \$0.00.
  - Active Instructors:** A section showing 1 active instructor.
  - Instructor Trainers:** A section showing 0 instructor trainers.
  - Expiring Instructors:** A section showing 0 expiring instructors.
  - Purchase History:** A section titled "View My Recent Purchases (Last 6 Months)" with a table showing INVOICE, ORDER, SHIP TO, TYPE, STATUS, TOTALS, and TOTAL P.
  - Credits:** A section titled "Credit Availability and Usage" with a green credit icon.
- Right Sidebar:**
  - Notices:** A section titled "Approved Updates and Alerts" showing a list of notices with dates (07 JUL) and descriptions.
  - VIEW HISTORY:** A section with a green icon and a list of items.

Revolutionary AI-powered document extraction and processing with OpenAI GPT-4o integration

# Training Session Generator

`/workspace?tab=instructor-sign-in-generator`



Instructor sign-in sheet generation with customizable training classes and employee management

## Technical Architecture

### Frontend Technologies

- React.js with TypeScript for type safety
- Vite for fast development and optimized builds
- Tailwind CSS with custom blue gradient theming
- Shadcn/UI components for consistent design
- Wouter for lightweight client-side routing
- TanStack Query for server state management

- React Hook Form with Zod validation

## Backend Technologies

- Node.js with Express.js framework
- TypeScript for type safety across the stack
- PostgreSQL with Drizzle ORM
- Neon Database serverless PostgreSQL
- JWT authentication with session management
- Comprehensive API with RESTful endpoints

## AI & Integration

- OpenAI GPT-4o for document analysis
- Google Cloud Document AI integration
- Intelligent PDF processing with multiple extraction layers
- AI-powered contextual help system
- Smart compliance recommendations

## Security & Performance

- Helmet.js for security headers
- Rate limiting and authentication protection

- Input sanitization and XSS prevention
- Secure session management
- Comprehensive audit logging

## SafetySync.AI Dashboard Data Flow Diagram

