

CRIMINAL RECORD MANAGEMENT SYSTEM

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- 1 Introduction
- 2 Technology Stack
- 3 Features
- 4 System Architecture
- 5 Environment Setup
- 6 Screenshots and UI

Project Overview

- Centralized system for managing criminal records.
- Ensures fast and easy access of criminal information across law enforcement bodies.
- Supports mobile and tablet access for quick field operations.
- Inspired by a successful implementation in Mexico City.
- Targeted deployment in India for improving crime management.

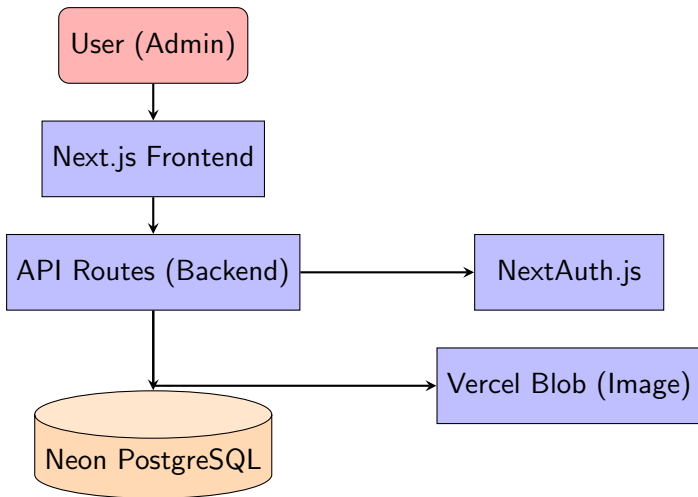
Technology Stack

- **Frontend:** Next.js 15 (App Router), TypeScript, Tailwind CSS
- **Backend:** Next.js API Routes
- **Database:** PostgreSQL (Neon DB)
- **Authentication:** NextAuth.js
- **Image Storage:** Vercel Blob
- **Deployment:** Vercel

Key Features

- Secure user authentication (Login/Signup)
- Add, edit, and delete criminal records
- Dashboard with live stats
- Advanced search and filters
- Criminal image uploads (cloud-based)
- Fully responsive UI (mobile/tablet/desktop)

System Architecture Diagram



Environment Setup

- Install Node.js 18+ and a package manager (npm/yarn/pnpm)
- Create `.env.local` with:
 - `DATABASE_URL`
 - `NEXTAUTH_URL`
 - `BLOB_READ_WRITE_TOKEN`
- Set up PostgreSQL (locally or with Neon DB)
- Deploy to Vercel with environment variables

Dashboard and UI Features

- Clean and modern dashboard UI
- Live crime statistics panel
- Cloud-based image upload
- Fully mobile-responsive design

Vercel App

The screenshot shows the Vercel deployment interface for a project named 'criminal-record-management-project'. The page displays deployment details for a deployment named '6xv6drft0'.

Deployment Details:

- Created:** xsystem-one 4h ago
- Status:** Ready Latest
- Duration:** 45s 4h ago
- Environment:** Production Current

Domains:

- criminal-record-management-project.vercel.app
- criminal-record-management-git-666736-ayushi-katayana-projects.vercel.app
- criminal-record-management-project-6xv6drft0.vercel.app

Source:

- main
- 9637f3d Outfits update, change, criminal type options and status options in search menu input field.

Deployment Configuration:

- Fluid Compute
- Deployment Protection
- Skew Protection

Provisioning Integrations:

- 1s

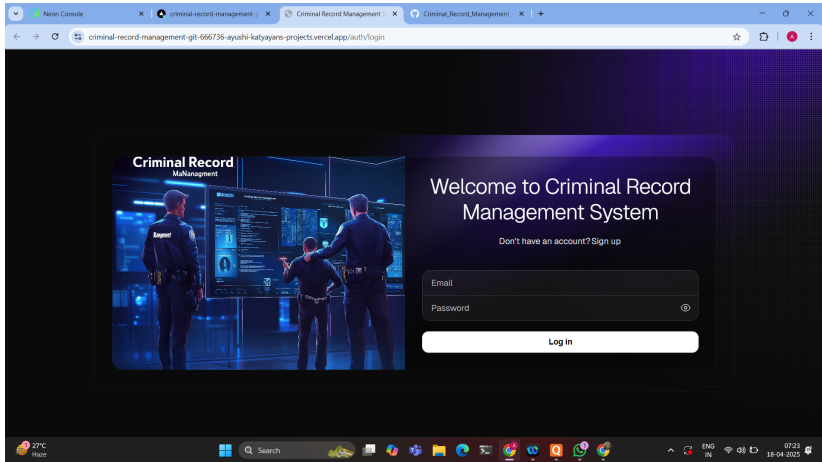
Build Logs:

- 38s

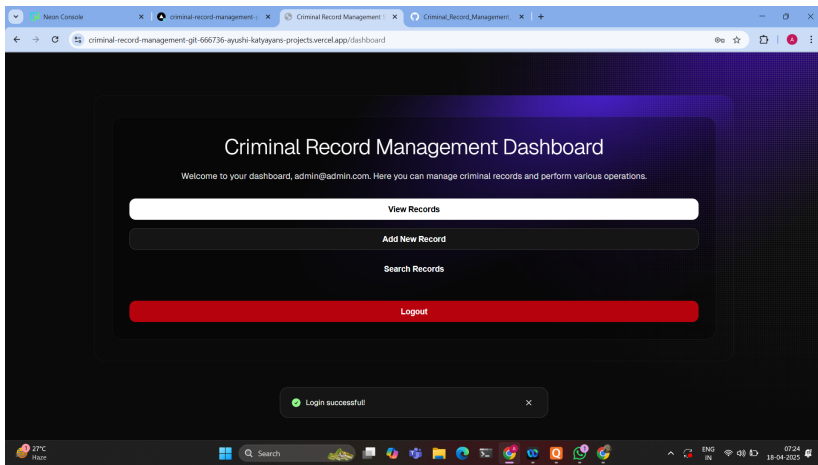
Deployment Summary:

- All
- 55
- 10
- 6s

Login Page



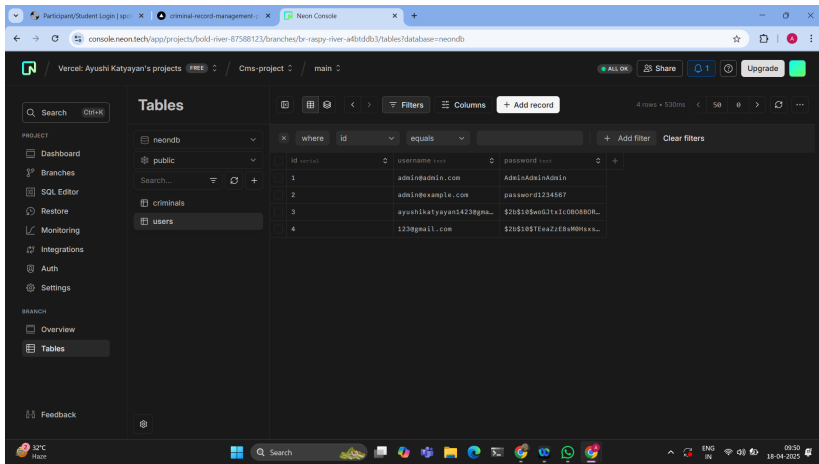
Dashboard



Criminal Record Page

Photo	Name	Age	Gender	Crime Type	Status	Arrest Date
	Alex	43	Male	Robbery	Under Investigation	4/25/2025
	Megan Diaz	18	Male	Smuggling	Released	7/16/2024
	Jake Anthony	41	Female	Kidnapping	Released	1/17/2025
	Tamara Salas	33	Female	Drug Trafficking	Arrested	9/4/2024
	Cole Escobar	59	Male	Arson	Dead	12/18/2024
	Craig Watkins	58	Male	Illegal Experimentation	Arrested	11/2/2024
	Spencer Curtis	25	Female	Espionage	Wanted	2/5/2024
	Blake Preston	51	Female	Hacking	Dead	11/20/2024
	Madison Cobb	35	Female	Theft	Released	6/14/2024
	Kathleen Sharp	53	Female	Theft	Arrested	3/20/2025
	Curtis Holloway	28	Female	Assault	Dead	8/29/2024
	Faith Hennessy	65	Male	Smuggling	Dead	4/7/2024

Login Table (Database)



The screenshot displays the Neon Console interface for a project named 'criminal-record-management'. The 'Tables' section is active, showing the 'users' table within the 'neondb' database. The table structure is as follows:

id	username	password
1	admin@admin.com	AdminAdminAdmin
2	admin@example.com	password1234567
3	ayushikatryan1423@gmail.com	\$2b\$10\$mo3tixic0B08BOR...
4	123@gmail.com	\$2b\$10\$TeeazrE8sM0Hxxe...

The interface includes a sidebar with navigation options like Dashboard, Branches, SQL Editor, Restore, Monitoring, Integrations, Auth, Settings, Overview, and Tables. The main area shows the table data with filters and columns controls. The bottom status bar indicates the system temperature is 32°C and the time is 09:50 on 18-04-2025.

Criminal Table (Database)

The screenshot displays the Vercel CMS interface for a project named 'Cms-project'. The left sidebar shows the project structure with 'main' as the selected branch. The 'Tables' section is active, showing a list of tables: 'neondb', 'public', 'criminals', and 'users'. The 'criminals' table is selected, and its schema is shown as 'name = Alex' and 'id ASC'. The main area displays a table with 50 rows and 6 columns: 'id', 'name', 'age', 'gender', and 'crime_type'. The table is filtered by 'where id equals' and shows a list of criminals with their details.

id	name	age	gender	crime_type
181	Akane Tsunemori Richard	42	Male	Assault
182	Satsuki Kiryuin Chang	35	Female	Arson
183	Milly Thompson Fisher	24	Female	Murder
184	Ken Kaneki Sheppard	32	Other	Mass Destruction
185	Shou Tucker Tucker	22	Other	Hacking
186	Spike Spiegel Hull	22	Female	Espionage
187	Ken Kaneki Gallegos	29	Other	Terrorism
188	Claire Stanfield Faulk...	32	Male	Conspiracy
189	Sasuke Uchiha Silva	41	Other	Blackmail
190	Ken Kaneki Wagner	47	Female	Kidnapping
191	Izaya Orihara Campbell	28	Male	Illegal Experimentation
192	Levi Ackerman Campos	25	Other	Terrorism
193	Sasuke Uchiha Archer	36	Other	Terrorism
194	Shou Tucker McGrath	34	Other	Hacking
195	Vicious Patrick	29	Other	Drug Trafficking