

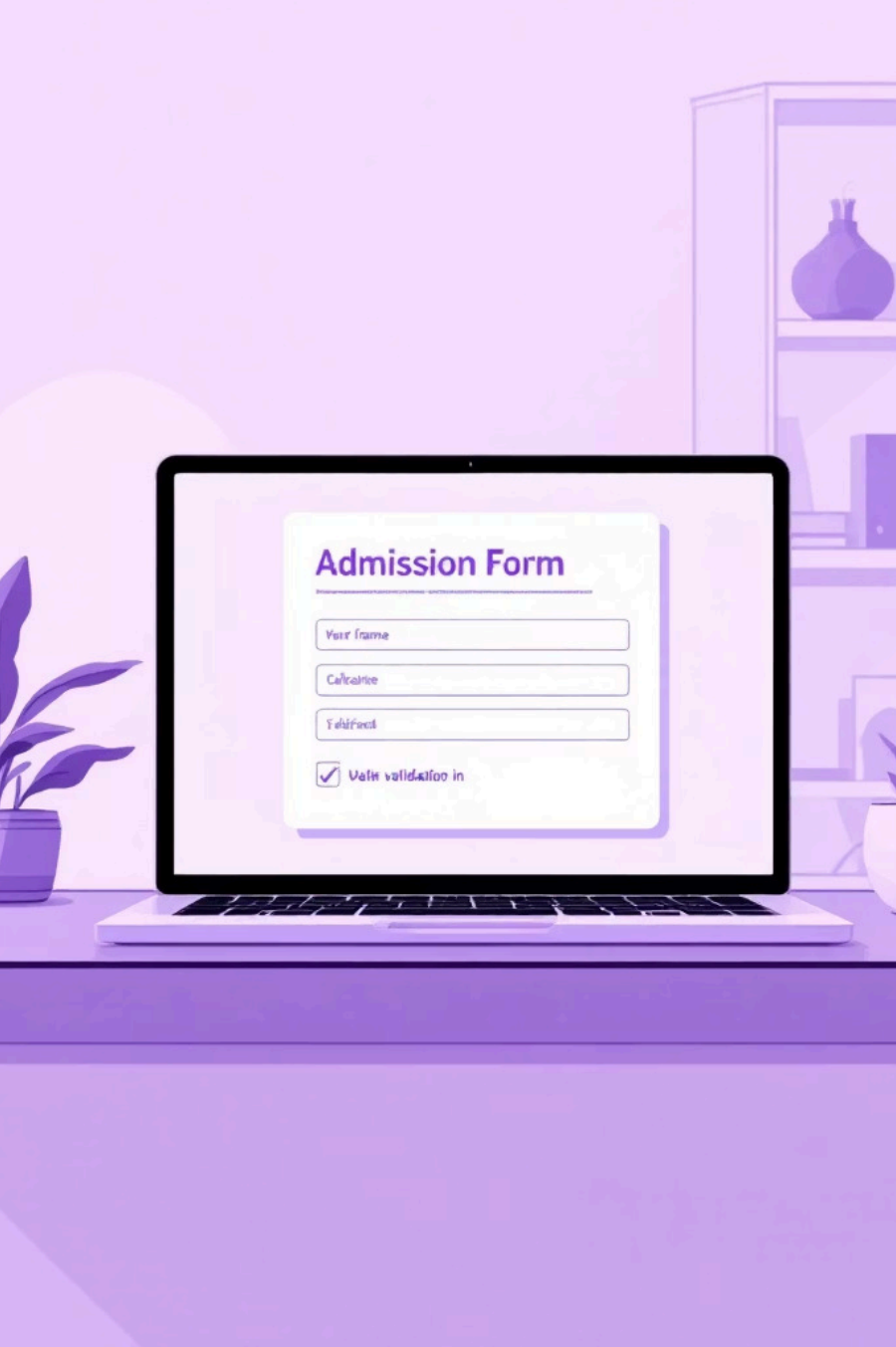
AdmitGuard: Admission Data Validation & Compliance System

Solution Proposal — Week 1 Vibe Coding Project

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IIT Gandhinagar | February 2026



The Problem

Current admission processes rely on manual Excel data entry with critical vulnerabilities:



No Validation

Candidate data entered into Excel with zero validation rules — typos and invalid entries go unnoticed



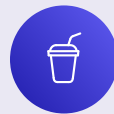
Late Discovery

Ineligible candidates discovered only at final document verification stage — wasting resources



No Audit Trail

No structured way to handle exceptions or document approvals — decisions cannot be reviewed later



Manual Updates

Rules change between cohorts — painful and error-prone to update manually across spreadsheets

The Real Cost

Wasted Time

Hours spent on ineligible candidates across counseling, testing, and interviews — resources drained on invalid applications

Candidate Experience

Rejections after advanced stages damage trust and institutional reputation — poor experience for applicants

Compliance Risk

No documentation for exception decisions — institutional partners can question admissions legitimacy

Operational Overhead

Every cohort requires manual rule updates in spreadsheets — error-prone and slow process

Introducing AdmitGuard

A smart browser-based form that eliminates data entry errors and ensures compliance:



25+ Eligibility Rules

Enforces validation at point of entry — blocks submission for strict violations



Fake Data Detection

Identifies fake names, emails, and phone numbers before submission



Exception System

Allows exceptions with documented rationale — full audit trail maintained



Real-Time Sync

Data syncs to Google Sheets instantly — works on any browser, no installation

Live demo: <https://aditi23garg.github.io/admitguard--Aditi->

Live Demo

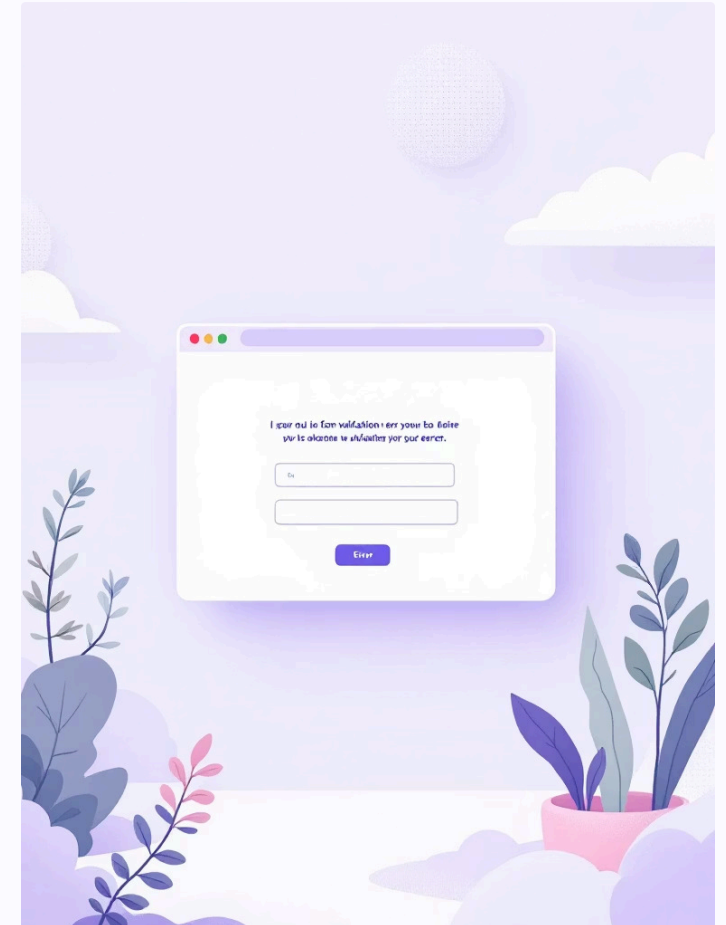
Interactive Experience

Try the live application and see validation in action:

<https://aditi23garg.github.io/admitguard--Aditi->

Demo Flow

1. Enter invalid data — see instant red error messages
2. Test fake detection — repeated names and invalid emails
3. Trigger soft rules — view yellow warnings and exception options
4. Add 3 exceptions — see manager review flag
5. Submit successfully — watch Google Sheets update
6. Review audit log — view complete submission history



How It Works



User Fills Form

Candidate enters data through intuitive browser interface



Validation Engine

Reads rules.json configuration file — applies 25+ eligibility checks



Rule Processing

Strict rules block with red error | Soft rules trigger yellow warning + exception option



Data Persistence

Save to localStorage (offline fallback) → Send to Google Sheets (real-time sync)



Audit Log Updated

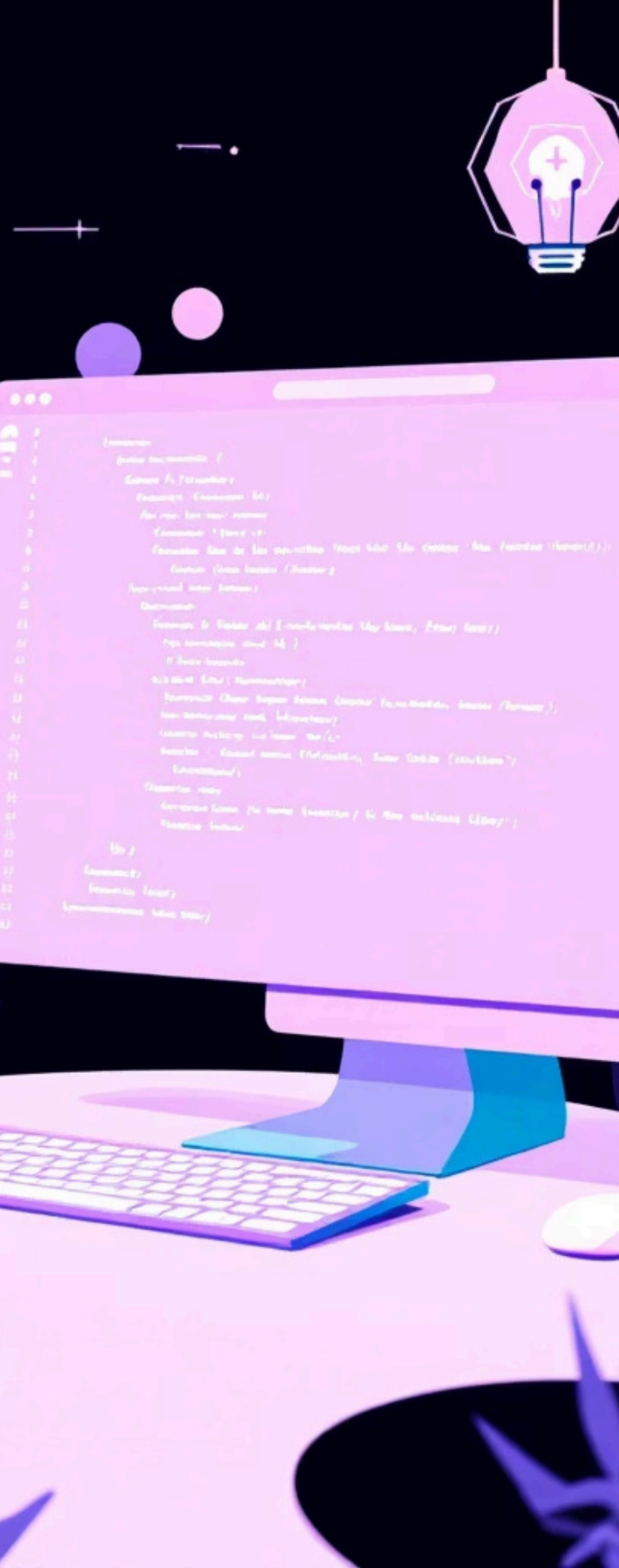
Complete history of all submissions, exceptions, and decisions maintained

Technology Stack

- HTML + CSS + JavaScript (single file)
- Google Apps Script middleware
- GitHub Pages hosting (free, live)

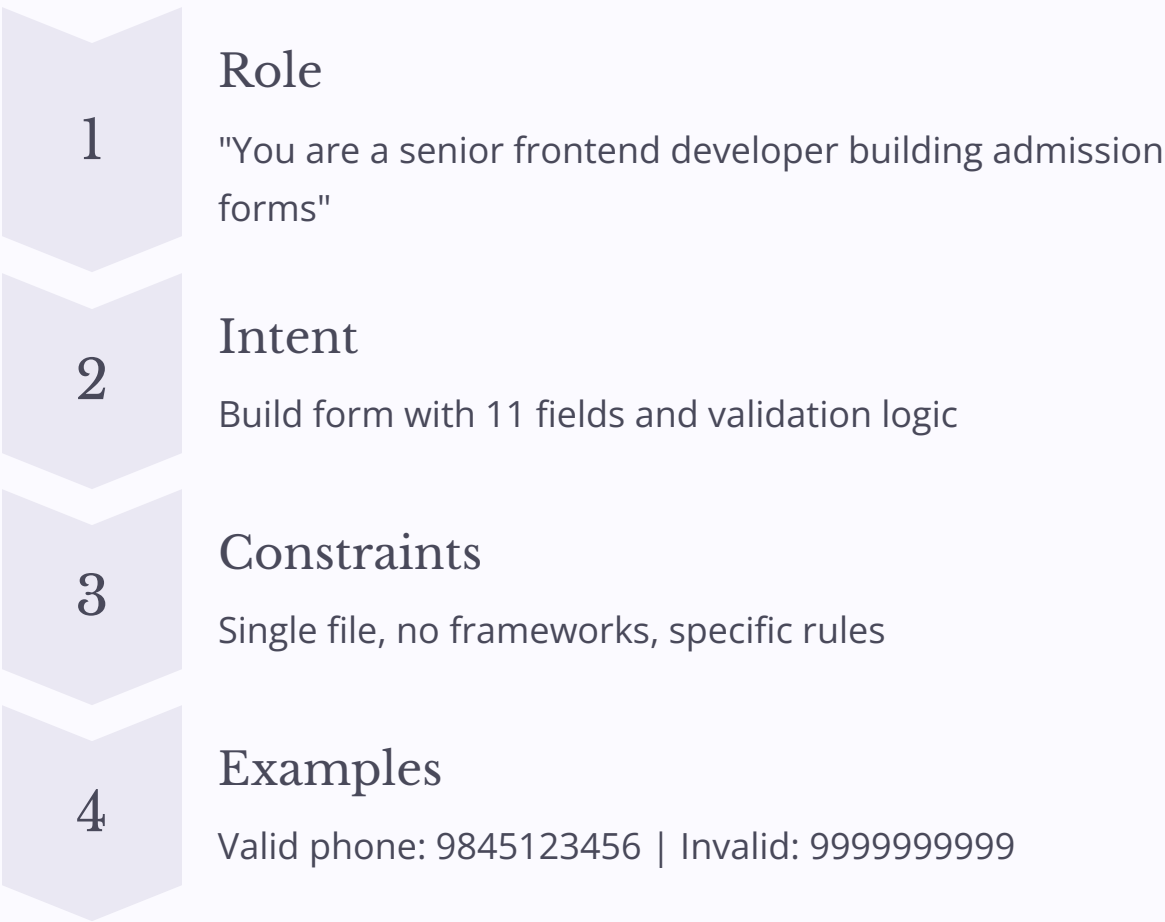
Data Flow

- rules.json — Configurable rules file
- localStorage — Browser-side persistence
- Real-time Sheets sync



How It Was Built: Vibe Coding with Claude AI

Framework: R.I.C.E.



Development Process

8 prompts generated **15+ iterations** across **19 GitHub commits**

Iterative refinement ensured robust validation and user experience

Key Bugs Fixed







- "SSSSSSS" passing as valid name → fixed with regex
- "kdfdl.com" as valid email → improved validation
- "0003" accepted as birth year → range check added
- Negative percentage accepted → input sanitization
- CORS blocking Sheets → resolved via GitHub Pages

Current Limitations & Roadmap

Current Version

- No authentication — anyone with URL can access
- Rules need code knowledge to update
- No email notifications for flagged entries
- Single user — no multi-team support

Version 2 Roadmap

-  Login system for counselors and managers
-  Visual rule editor — update without code
-  Email alerts when entries are flagged
-  Analytics dashboard — exception rates, trends
-  Multi-institution support — each org owns rules
-  Mobile-responsive design





Recommendation

Deploy AdmitGuard as the standard data entry interface for all cohort admissions — starting with the next intake.

3-Step Deployment Plan

01	02	03
Week 1: Pilot Program Launch with operations team, gather feedback on validation rules and user experience	Week 2: Security Layer Add authentication system for counselors and managers — role-based access control	Week 3: CRM Integration Connect to existing CRM system — seamless data flow across platforms

Expected Outcomes

 Zero Ineligible Candidates Eliminate ineligible candidates reaching document verification stage	 Full Audit Trail Complete documentation for every exception and decision
 Flexible Rules Update rules between cohorts without developer involvement	 Real-Time Data Google Sheets visible to entire team — transparent collaboration

 **The app is live. It's tested. It's ready today.**