

## Product Introduction for Development Team (MVP Build)

### Product Name (CHECK-360)

#### Employee Trust & Risk Intelligence Platform — MVP

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### 1. What We Are Building (High-Level Summary)

We are building an **AI-powered background verification (BGV) and risk intelligence platform** designed for companies to instantly verify employees, detect fake documents, assess address risks, and calculate a unified “Trust Score”.

This MVP will be used **to pitch to investors**, so the goal is to build a **functional, stable, demo-ready product**, not a full enterprise solution.

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### 2. Core Problem We Are Solving

Currently, companies in India struggle with:

- Fake documents & forged ID proofs
- Manual background verification delays
- Inefficient address verification
- No unified risk score for candidate trustworthiness
- No real-time, continuous employment monitoring

Our platform solves these using **AI, automation, and intelligent scoring**.

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### 3. MVP Objectives (8-Week Target)

The MVP must demonstrate **three core capabilities**:

#### ✓ 1. AI-based Fake Document Detection

- OCR extraction
- Basic fraud detection (forgery indicators, alignment issues, tampering signals)

#### ✓ 2. Smart Address Intelligence

- Address parsing
- Pincode risk scoring
- Geolocation lookup + map preview

#### ✓ 3. Identity Verification & Trust Score

- Selfie → Face match
- Aadhaar mock verification

- Combine all into a **Trust Score (0–100)**

#### ✓ 4. Employer Dashboard + API Suite

- View results
- Download reports
- 5–7 core API endpoints

The final MVP should be investor-demo-ready.

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#### 4. What the MVP Will NOT Include

To maintain speed, the MVP will exclude:

- Continuous employment monitoring (real automation comes post-MVP)
  - Field address verification mobile app
  - Enterprise team management & RBAC
  - Full billing system
  - Advanced ML-based fraud detection (phase 2)
  - Heavy reporting dashboards
  - Notifications, SMS, or integrations
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#### 5. Key Modules to Build in MVP

Module	Function
<b>Authentication + Org Setup</b>	Login, Org creation, JWT-based access
<b>Document OCR + Fraud Detection</b>	Extract text & basic tampering checks
<b>Face Match + Liveness</b>	Selfie + match confidence
<b>Aadhaar Mock API</b>	Basic validation (name/DOB/gender)
<b>Address Intelligence</b>	Parsing + pincode risk score + geotag
<b>Trust Score Engine</b>	Weighted scoring from all signals
<b>Dashboard (Web)</b>	Upload → Verify → View score
<b>API Suite</b>	Partner-ready REST APIs
<b>Demo Environment</b>	For pitching to investors

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## 6. Tech Stack (Recommended)

**Backend:** Node.js (NestJS) / Python (FastAPI) / Go

**Frontend:** React / Next.js

**DB:** PostgreSQL + Redis

**AI/OCR:** Tesseract, AWS Rekognition, Google Vision API

**Cloud:** AWS or GCP

**DevOps:** Docker, CI/CD, GitHub Actions

The team is free to choose frameworks as long as delivery speed is maximized.

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## 7. Expected Outputs for Each Feature

### **Document Verification**

- Upload Doc → OCR → Fraud Score
- Return: extracted fields + fraud indicators

### **Identity Verification**

- Selfie upload → Face match %
- Aadhaar mock match (name, DOB, gender)

### **Address Verification**

- Enter address → system normalizes → geotags → risk score

### **Trust Score (0–100)**

Formula (MVP version):

Trust Score =

(Aadhaar Match %)

+ (Face Match Confidence %)

+ (Document Fraud Score Inversion)

+ (Address Risk Score)

### **Dashboard**

- Simple, clean UI
- Card-by-card verification results
- CSV/PDF downloadable

### **API Documentation**

- Shared via Swagger/OpenAPI

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## ❖ 8. What “Investor Ready MVP” Means

By week 8, the product must:

- Run smoothly (no major bugs)
  - Be fully functional end-to-end
  - Have clean UI (not necessarily beautiful, but professional)
  - Contain demo datasets for investor walkthrough
  - Show high potential for scalability, automation, and AI power
  - Support 10–20 simulated verifications per demo
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## ✳ 9. Team Structure (Ideal)

- **Product Manager** – requirements, weekly check-ins
  - **Backend Engineer (1)** – APIs, data models, scoring engine
  - **Frontend Engineer (1)** – Dashboard UI, verification flows
  - **ML/AI Engineer (1)** – OCR + basic fraud detection
  - **Designer (1)** – UI/UX wireframes
  - **QA (1)** – Test flows, prepare demo scenarios
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## ⌚ 10. Development Goals for the Team

1. **Speed > perfection**
2. **Stability > features**
3. **Simplify whenever possible**
4. Focus on **demo quality**, not enterprise functionality
5. Build foundation that can scale later