

# RiskLens – Product Requirements Document (Updated)

## Product Identity

**Product Name:** RiskLens

**Category:** Research & Analysis

**Product Type:** AI Risk Awareness & Decision-Support Agent (Advisory Only)

RiskLens is a research and educational AI risk assessment agent that helps users understand potential legal, data, and ethical risk areas associated with ideas, projects, startups, or research initiatives.

RiskLens is not an authority, advisor, or decision-maker. It exists solely to surface risk awareness early and support human understanding and discussion.

## Product Mission

To make hidden risk visible early, so humans can ask better questions, anticipate challenges, and reduce late-stage surprises.

RiskLens optimizes for clarity, transparency, and responsibility—not speed or automation.

## Intended Use & Scope

### **Intended Use:**

- Research & education
- Workshops and learning environments
- Academic research discussions
- Early-stage idea exploration
- Preliminary (non-binding) VC / PE analysis

### **Out of Scope:**

- Legal advice or compliance certification
- Medical or financial decision-making
- Regulatory interpretation

- Automated approvals or rejections
- Enforcement or execution

Human review is mandatory for all real-world applications.

## Target Users

- Students & researchers
- Early-stage startup founders
- Universities & innovation labs
- VC / PE analysts (exploratory only)
- Educators & workshop facilitators

RiskLens is not designed for direct consumer decision-making or regulated execution.

## Core Problem

Most AI and technology initiatives fail due to late discovery of risk, including privacy and consent violations, ethical backlash, regulatory exposure, and automation misuse.

Current risk analysis is manual, expert-dependent, expensive, and often discovered too late.

RiskLens shifts risk discovery left, into the learning and ideation phase.

## Functional Requirements

### **Input Layer:**

- Free-text project or idea description
- Optional domain and geography context
- Optional document upload (summary-level only)

Constraints: No personal data ingestion, no scraping, user-provided content only.

### **Perception & Parsing Layer:**

Extracts system purpose, target users, data categories, automation level, decision impact, assumptions, and ambiguities.

### **Risk Awareness Modules:**

- Legal Risk Awareness (signals only)
- Data Risk Awareness (lifecycle & misuse focus)
- Ethical Risk Awareness (bias, automation, harm)

### **Risk Scoring & Confidence Engine:**

Transparent weighting, per-module indicators, uncertainty markers. No approval or rejection outcomes.

### **Report Generation:**

Executive summary, structured risk table, assumptions, discussion prompts, follow-up questions.

### **Human-in-the-Loop Gate:**

Mandatory human review with explicit encouragement to challenge outputs.

### **Elite Output Standards**

Outputs must explain why risks exist, avoid authoritative language, show assumptions and uncertainty, encourage expert review, remain structured and readable, and end with a disclaimer.

### **Guardrails**

RiskLens will never provide legal, medical, financial, or regulatory advice; interpret laws; approve or reject projects; execute actions; scrape personal data; or replace human judgment.

### **Ethics & Compliance Principles**

Research-only use, advisory outputs, mandatory human oversight, no personal data processing, transparency over automation, governance-first language.

### **Mandatory Disclaimer**

This analysis is provided for research and educational purposes only. It does not constitute legal, ethical, medical, financial, or regulatory advice. All outputs are advisory and must be reviewed by qualified human

experts.

## Defensibility Strategy

**Intellectual:** Proprietary reasoning frameworks, modular explainable analysis.

**Ethical:** No scraping, no enforcement, strong human oversight.

**Workflow:** Structured evaluation loop not replaceable by simple prompting.

## Success Metrics

Improved risk comprehension, earlier risk discovery, quality of human discussion, and user trust without over-reliance.

## Final Positioning Statement

RiskLens is a research and educational AI that helps people think clearly about legal, data, and ethical risk — before decisions are made.