**Problem Statement:**

Organizations in legal and tax domains manage vast repositories of documents accumulated over decades — ranging from identification records to regulatory forms and contracts. Manual classification of these documents is time-consuming, error-prone, and difficult to scale. While AI-powered classification models can automate much of this process, they often produce uncertain or domain-insensitive results, especially when applied to complex or evolving categories.

Moreover, AI-generated labels may not align with industry-standard schemas or internal business rules. The lack of user control over categorization and UI configuration further limits the usability of such AI systems in real-world applications.

There is a critical need for an interactive AI system that not only automates document classification and frontend code generation but also incorporates **human-in-the-loop (HITL)** correction mechanisms. Such a system must allow legal/tax professionals to guide classification outcomes, enforce known document schemas, and interactively modify or correct AI decisions using natural language — all while ensuring the AI can generalize and adapt from that feedback to improve over time.