**🧑‍⚖️ User Story: "Manage My Legal Case"**

**Persona: Legal professional, paralegal, or compliance officer**

**Goal: Analyze legal documents related to a specific case for risky clauses and interact with the AI for summaries or questions.**

**🪜 User Journey Flow**

**🔐 1. User Logs In**

* **Inputs**: Email and Password
* **System**:
  + Authenticates using JWT
  + Redirects to Dashboard
* **DB Tables Involved**: users

**🧾 2. User Creates a New Legal Case**

* **Inputs**:
  + Case Title (e.g., "Startup NDA Review")
  + Description
  + Tags (optional: e.g., NDA, B2B, high-risk)
* **System**:
  + Creates a new record in cases
* **DB Tables Involved**: cases (id, user\_id, title, description, created\_at)

**📁 3. User Uploads One or More Documents to the Case**

* **Inputs**:
  + Upload PDF/DOCX file(s)
* **System**:
  + Stores metadata in documents
  + Sends file to Python ML Service for clause extraction and classification
  + Stores extracted clauses and risk levels in clauses
* **DB Tables**:
  + documents (id, case\_id, filename, upload\_time)
  + clauses (id, document\_id, clause\_text, risk\_level, summary)

**🔍 4. User Views Annotated Document**

* **System**:
  + Displays clauses highlighted with color codes
  + Lists clause summaries and risk labels
  + Allows filtering by "high risk" or keywords

**🤖 5. User Interacts with AI Assistant**

* **Inputs**:
  + Asks a question (e.g., "Does this NDA allow mutual disclosure?")
* **System**:
  + Sends query and relevant context (clauses) to ML service
  + Returns summarized response
* **DB Table**:
  + queries (id, case\_id, question, answer, timestamp)

**📝 6. User Adds Notes or Recommendations**

* **Inputs**:
  + Writes manual comments or flags a clause
* **DB Table**:
  + notes (id, clause\_id, user\_id, content, created\_at)

**📤 7. User Downloads Report**

* PDF export of:
  + Document name
  + Risky clauses
  + AI summaries
  + User notes

**🔄 Optional Enhancements**

* **Role-Based Access**: Invite collaborators to a case
* **Versioning**: Upload revised document versions
* **Audit Trail**: Track all changes and queries