Here are the requirements for the application based on the provided transcript:

Application Goal:
To create an AI-agent-native solution for procurement managers in the MedTech and Pharma industries to manage compliance, product requirements, and streamline the RFP process.

Core Modules/Features:

1. **Risk and Compliance Dashboard (AI Agent Driven):**
   ○ Periodically run AI agents to populate a compliance and risk dashboard.
   ○ Alert users when a specific supplier is going to lose compliance for a standard.
   ○ Trigger alerts based on news articles or web searches found by the agent.
   ○ Allow users to search for specific suppliers or standards to view compliance status, non-compliance, and predict risks.
2. **Product Requirement Repository (AI Agent Assisted):**
   ○ Enable users to upload product requirement documents or process documents.
   ○ Allow the AI agent to process uploaded documents to create compliance requirements or a "DOS" for procurement products.
   ○ Provide a searchable repository for specific requirements related to products (e.g., drugs, materials, composites, plastics, packaging, software).
   ○ Offer an agent interface for users to chat with the product requirements data, asking specific questions on compliance and other related topics.
3. **Agentic Guided RFP Process:**
   ○ Enable users to start new RFPs by adding new products, creating new products, or selecting from existing products in the repository.
   ○ Provide agentic guidance to extract specific compliance requirements for the RFP.
   ○ Suggest suppliers already in the system who meet the requirements or assist in finding new suppliers.
   ○ Facilitate the creation of various RFP artifacts, specifically compliance requirement artifacts, to be attached to the RFP document.
   ○ Ensure agentic oversight throughout the RFP process, including interpreting supplier responses.

Agentic Capabilities and Personas:

● **SME Personas:**
   ○ Product SME agent (avatar/chat interface) to answer questions based on system information.
   ○ Process or Compliance SME agent (avatar/chat interface) to answer specific questions based on system information.
● **Generic Agentic Conversations:**
   ○ Allow users to ask any questions.
   ○ Contextual data usage based on the user's current screen for agentic conversations.

Workflow Automation (Agentic):

- RFP generation workflow.
- Product repository creation and management.
- General compliance oversight and monitoring.

System Management:

- Settings for agents and agent configuration for enterprise systems.

Technical Requirements:

- **Front End:** React with TypeScript.
- **Back End:** AWS Bedrock, utilizing AWS Strands framework.
- **Modularity:** Solution should be modular.
- **Interoperability:** Should be interoperable.
- **Scalability:** Should be scalable.
- **Agent Building:** Use AWS Strands framework best practices, including their agent builder approach, agent cards, or CML files for defining agent behavior.
- **Agent Deployment:** Agents can be built as Lambda functions or deployed as an API via AWS Amplify.
- **Screens:** Agent responses will be integrated across multiple screens (estimated 3-5 screens).
- **Backend Agents:** Examples include a compliance and risk agent, a product requirements/intelligence agent, and a supplier intelligence agent.

MVP Scope/Content:

- Include at least one pharma, one MedTech, and one Software as Medical Device product/document to go through the process.
- Map requirements to compliance requirements in an organized way.
- Incorporate important guidance documents (e.g., for plastics, packaging, ISO 13485 compliance).
- Demonstrate value by addressing deeper engineering questions related to specific packaging or material requirements, connecting them with guidance documents.