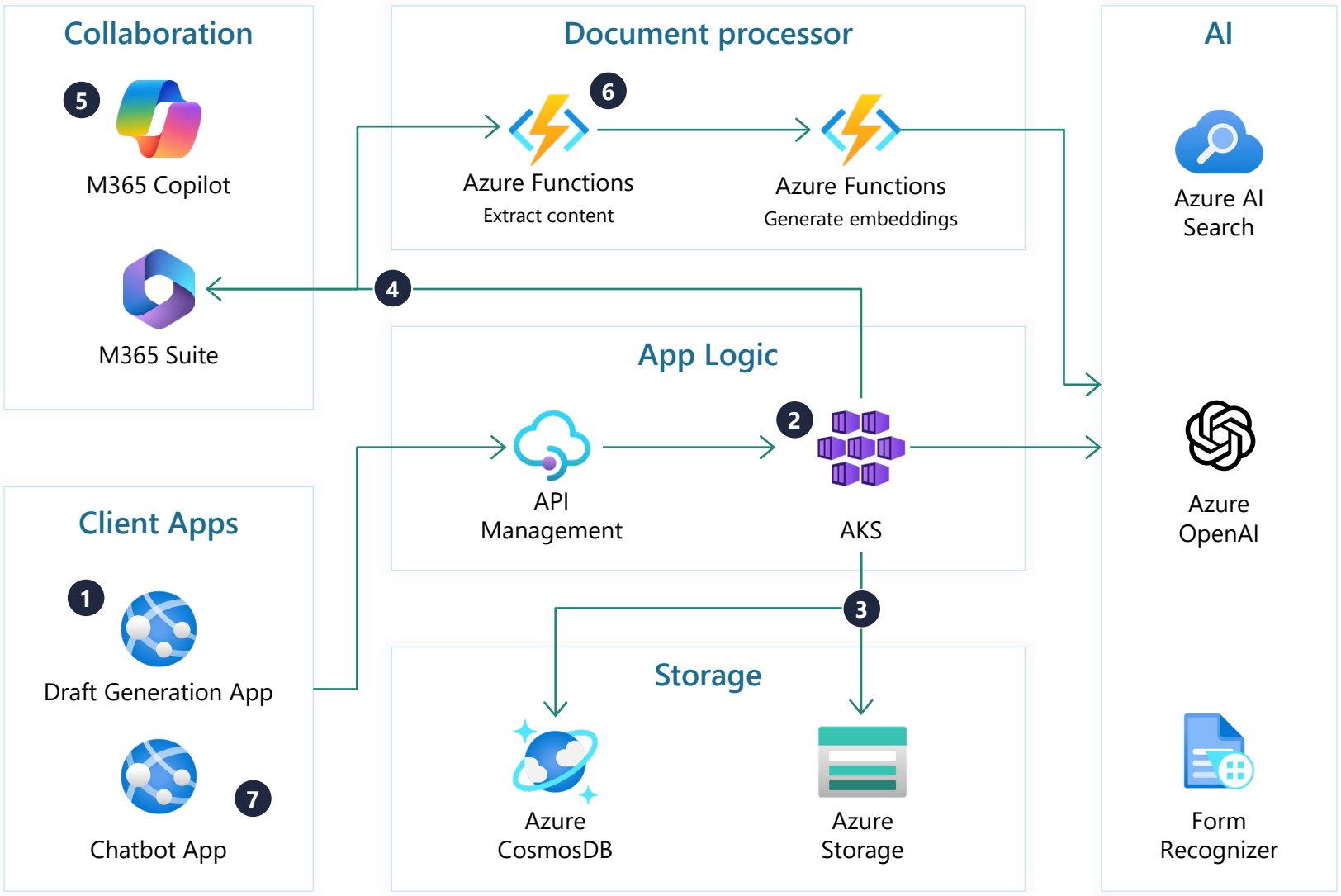
Simplify rulemaking

Simplify rulemaking reference architecture



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1. **Web Interface for Document Upload and Draft Generation.** Users can upload documents to a web or desktop interface to receive generated drafts. The process leverages documents stored on SharePoint or uploaded through the interface, drawing from past examples of rulemaking documents.

2. **User-Driven Draft Generation in a Highly Supervised Environment.** Within this interface, users can generate drafts in a highly supervised setting, where authors input prompts and parameters, and provide additional feedback to refine drafts. The application, deployed on Azure Kubernetes Service (AKS) as the execution platform, utilizes Form Recognizer services or a custom process for extracting information from documents and Azure OpenAI Service for draft generation.

3. **Draft Storage and Iteration.** Drafts are stored in an Azure storage account, where users can download and further iterate on them. Azure CosmosDB is used to store user configurations, ensuring a tailored and efficient draft generation process that emphasizes extensive author supervision and iterative feedback.

4. **Sharing Ready Drafts via SharePoint.** Once drafts are ready, they are published on SharePoint, facilitating easy access and collaboration among team members and stakeholders.

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5 **Enhancing Document Quality with M365 Copilot.** Authors can utilize M365 Copilot to summarize or rewrite passages, enabling them to refine their documents according to specific needs and improve overall quality and coherence.

6 **Making Document Content Accessible through Chatbot Application.** Documents are processed via a suite of Azure Functions, which extract content using Form Recognizer or a custom solution and generate vector data through Azure OpenAI. This data is stored in Azure AI Search, preparing it for easy retrieval and interaction.

7 **Engaging with Document Content via Chatbot.** Users can query document content through the application. Thanks to Generative AI, the chatbot can understand natural language queries and generate human-like text responses. This capability ensures the chatbot responds with contextually relevant and intentional information, searching through the vector database for accurate and helpful answers.