NebulaByte Dialog — Demo 5

System: Hello, welcome to NebulaByte assistant demo 5.

User: I have a question about optimizing inventory with multi-agent systems.

System: Start by defining agents: controller, RAG, web, arXiv. Use FAISS for embeddings.

User: How do I handle rate limits for web search?

System: Add retry/backoff, caching, and a fallback search provider.

User: Can you suggest chunking strategy for PDFs?

System: Use sliding window chunking (~800 chars) with overlap (~128 tokens) and retain metadata.

User: Thank you — can you summarize this dialog?

System: Summary: agent roles, rate limit handling, and chunking strategy were discussed.