

## Meeting Transcript: Project Nexus AI Development

Project Name: Project Nexus (RAG Implementation)

Date: December 23, 2025

Duration: 15 Minutes

Moderator: Sarah (Project Manager)

Participants: Sarah (Project Manager) Mike (Lead Developer) Chloe (Data Engineer) David (QA Lead)  
Transcript:

[00:00:05] Sarah: Okay, let's get started. We are two weeks out from the alpha release of the Nexus RAG pipeline. I want to go through the task board and confirm where we stand. Mike, let's start with you. What's the status of the vector database integration?

[00:00:45] Mike: So, I have completed the Pinecone setup. The indexing service is live. However, I'm still working on the metadata filtering logic. I've assigned myself that task and expect to have it done by the deadline of Friday, December 26th.

[00:01:20] Sarah: Great. So indexing is done, metadata is pending. Chloe, how are we doing with the document preprocessing scripts?

[00:01:45] Chloe: I've finished the PDF parsing module and the recursive character splitting. Those tasks are marked as complete. Right now, I am focused on the embedding generation using the OpenAI 'text-embedding-3-small' model. I'm aiming to finish the embedding pipeline by December 28th.

[00:02:15] Sarah: Perfect. David, you were looking into the evaluation framework, right? RAGAS or TruLens?

[00:02:30] David: Yeah, I've settled on RAGAS. I haven't started the actual implementation yet, but I have it on my list to complete the evaluation suite by January 2nd. I'll need Mike to give me the API endpoints once the metadata filtering is ready.

[00:03:05] Mike: I can do that. I'll hand those over as soon as I finish the filtering logic this Friday.

[00:03:20] Sarah: One more thing—who is handling the frontend chatbot UI?

[00:03:35] Mike: That was originally assigned to Liam, but since he's out on leave, I have taken over the UI task. I've set a deadline for the initial interface for December 30th.

[00:04:10] Sarah: Excellent. To recap: PDF parsing and Vector indexing are Done. Mike has the UI and Metadata logic. Chloe is on Embeddings. David is on Eval. Let's touch base on Monday morning.

[00:04:30] Mike: Sounds good.

[00:04:35] Chloe: See you then.

[00:04:40] David: Bye everyone.