Sprint 2 Report

Product Name: HuddleAI
Team Name: Team HuddleAI
Date: May 6, 2025

Actions to Stop Doing

- **Stop underestimating diarization complexity.** Before starting the project, we thought that speaker identification would be easy, straightforward and would take like 1 week maximum time, but it requires much more research and testing than what we expected.

- **Stop working on Slack integration without a proper API testing environment.** We spent too much time debugging authentication issues that could have been caught earlier with a proper test Slack workspace setup.

Actions to Start Doing

- **Start implementing the mid-sprint integration checkpoints, just as we planned in Sprint 1.** We scheduled them but didn't consistently follow through. The check-ins on one or two days from Monday/Wednesday/Friday helped us catch the diarization-transcription pipeline mismatch.

- **Start creating fallback implementations earlier.** The diarization fallback saved us when speaker identification failed, and having this pattern from the beginning would have made development smoother.

Actions to Keep Doing

- **Keep using Jira to break stories into clear, granular tasks.** It helped distribute work evenly and track accountability.

- **Keep assigning clear ownership for integration tasks.** Having Andre own the diarization backend integration while Pranav handled the research prevented conflicts and duplicate work.

- **Keep the regular Monday/Wednesday/Friday communication.** These worked well to keep everyone updated and accountable, especially with TA support on Wednesdays.

Work Completed / Not Completed

Completed User Stories:

- *As a user, I want HuddleAI to detect different speakers in a transcript so I can follow conversations more easily.*
- *As a developer, I want to integrate OpenAI API for text processing so we can generate summaries.*
- *As a developer, I want to set up Slack bot authentication and basic messaging so we can post to channels.*

Incomplete User Stories:

Did not complete the one to receive a transcript summary directly in a Slack channel.

Work Completion Rate

Total number of user stories completed during the prior sprint: **3**
Total number of estimated ideal work hours completed during the prior sprint: **16 hours from the 16 planned**
Total number of days during the prior sprint : **7 days**
User stories/day for Sprint 2: **0.4285 user stories/day**
Ideal work hours/day for Sprint 2: **2.2857 hours/day**
Average user stories/day across Sprints 1-2: **0.4285 user stories/day**
Average ideal work hours/day across Sprints 1-2: **2.2857 hours/day**