

AI Usage Disclosure Form

1. Team Details

Team Name: **MINDMESH**

Project / Product Name: **Cortex**

Organization / Institution (if any): **Manipal Institute of Technology, Manipal**

Submission Date: **05/01/2026**

2. AI Usage Declaration

Did your team use any AI / Gen AI tools or services in developing or creating project artifacts? Yes / No

Yes

3. Purpose of AI Usage (Brief Details)

Idea generation / brainstorming: Few Stages of the process

Code generation or assistance: GitHub Copilot, Claude, ChatGPT, Gemini.

UI / UX design: Google AI mode for ideation

Content creation: Napkin.ai for beautification, Eraser.io for flowchart designs, Gamma.ai for basic initial template design.

Data analysis: Raw Data generation using Gemini.

Testing / debugging: basic typecheck commands and linter error checks using Claude.

Other: -----

4. Feature Origin Classification (Please add/delete based on the number of the feature)

4.1 Feature 1

4.1.1. Feature Name: Smart Semantic Search

4.1.2. Self-Generated/AI-Generated/Both: Both

4.1.3. Description (include AI tools/platform Used, prompt used, Output Summary, Modification):

AI tool used: Claude, GitHub Copilot

Prompt Used: High-level prompts were used to clarify feature descriptions, validate early ideas, and discuss possible edge cases around semantic search and contextual recall.

Output Summary: The AI provided general feedback on terminology, helped rephrase descriptions for clarity, and suggested potential edge cases to consider.

Modification: All AI outputs were critically evaluated and selectively adapted. The final feature design, logic, data flow, and implementation decisions were fully defined and executed by the team. The AI-assisted inputs were refined, rewritten, and integrated manually to align with our privacy-first, on-device design constraints.

4.2 Feature 2

4.2.1. Feature Name: Autonomous Agent

4.2.2. Self-Generated/AI-Generated/Both: Both

4.2.3. Description (include AI tools/platform Used, prompt used, Output Summary, Modification):

AI tool used: Claude, Perplexity

Prompt Used: Basic prompts were used to research and figure out the best WASM-compatible model to be used in our local AI engine, and high-level prompts to validate early ideas.

Output Summary: The AI provided a feature summary in detail and the basic system design for it, and we brainstormed it further.

4.2 Feature 3

4.3.1. Feature Name: Privacy & Data Controls

4.3.2. Self-Generated/AI-Generated/Both: Both

4.3.3. Description (include AI tools/platform Used, prompt used, Output Summary, Modification):

AI tool used: GitHub Copilot, Perplexity

Prompt Used: Basic prompts to figure out the best features to be included in a high privacy environment, and suggestions to incorporate it.

Output Summary: The AI helped with an early feature overview and a rough system direction, after which the team brainstormed extensively to refine the idea, strengthen the design, and shape the final approach.

5. Ethical & Compliance Confirmation

AI usage complies with guidelines and policies. **Yes**

No proprietary or copyrighted data misused. **I Agree**

6. Declaration & Sign-Off

Name of Team Representative: Mohammed Ahsan Bagsaria

Role: Team Representative

Signature: MOHAMMED AHSAN BAGSARIA

Date: 05/01/2026