Agent Design

1. **Ingestion Agent**

   ○ Reads documents (.txt, .pdf, .docx)

   ○ Splits text into atomic claims

   ○ Assigns source metadata

2. **Embedding & Storage Agent**

   ○ Converts claims into vectors using SentenceTransformer

   ○ Adds vectors to FAISS index for nearest-neighbor search

3. **Scoring & Credibility Agent**

   ○ Assigns heuristic score based on:

      ■ Source type

      ■ Domain reputation

      ■ Linguistic cues (may, possible, etc.)

      ■ Conflicts of interest

   ○ Applies corroboration boost or contradiction penalty using nearest neighbors

4. **Incremental Update Agent**

   ○ Integrates new claims

   ○ Recomputes scores of existing claims if corroborated or contradicted

   ○ Minimal recomputation using FAISS

5. **Reporting Agent**

   ○ Generates JSON or tabular reports

   ○ Shows claim text, source, score, action (validate/warn/remove)