

LLMediator

DESCRIPTION

LLMediator is an **online, multimodal LLM-based** platform that supports **mediators** and **disputed parties**. For summer 2026, the platform adds an AI powered factual investigation module so that it can act as an **active analyst of disputes** rather than only a drafting intervention message.

OBJECTIVES

- 1. Chronological reconstruction of the dispute.** Automatically organize the facts submitted by both parties into a structured timeline, flagging gaps, contradictions, and overlapping claims.
- 2. Proactive evidence collection.** Ask parties targeted follow up questions to fill evidentiary gaps, request supporting documents, and clarify ambiguous statements.
- 3. Structured evidence inventory.** Produce a catalogue of submitted items, their relevance to specific claims, and any missing documentation.

CURRENT PROGRESS

- LLMediator is a live online dispute resolution platform with multimodal capabilities.
- Prior experiments on reframing and settlement drafting are documented in earlier LLMediator publications.

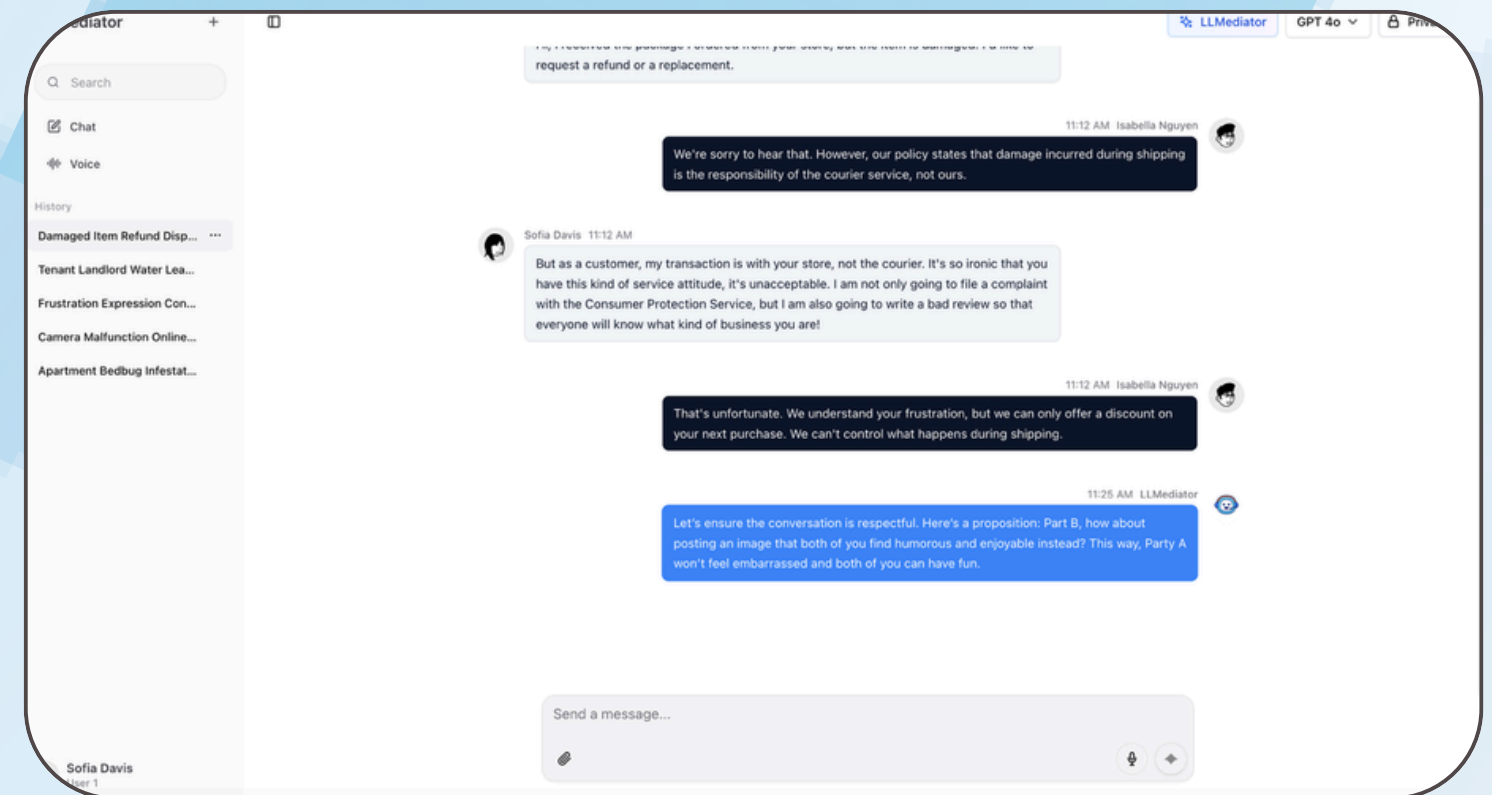
NEXT STEPS

Short term (Summer 2026)

- Build a functional prototype of the AI factual investigation module integrated into the LLMediator platform.
- Update the user interface so mediators can view dispute timelines and evidence inventories.
- Produce an internal evaluation report using simulated disputes and evidence drawn from prior research.

Long term

- Pilot the fact finding module with partner mediators on real or near real cases
- Submit a full paper to an AI and Law or HCI venue
- Extend the timeline and evidence reasoning to multilingual and cross jurisdictional settings



Website
lmediator.org



Article
Robots in the Middle:
Evaluating LLMs in Dispute Resolution

