

MediationAgent

DESCRIPTION

MediationAgent is a new, independent module that acts as an **autonomous shuttle mediator**. It talks to one party at a time, **gathers information, identifies interests, and explores resolution options**, then switches to the other party. Between interactions, it uses a tool suite (document drafting, information retrieval, planning, web navigation, computer use) to **prepare documents and strategy**, so parties do not have to be available at the same time and may never meet in person.

OBJECTIVES

- 1. Multi turn shuttle architecture.** Design and implement a conversation management system that maintains context and strategy across sessions with each party, supported by long
- 2. context memory mechanisms.**
Tool integration. Equip the agent with document drafting (settlement proposals, summaries), web search for legal
- 3. information, calendar scheduling, and computer use for more complex tasks.**
Mediation strategy engine. Develop prompting and reasoning frameworks for identifying common ground, reframing positions, and proposing creative solutions, potentially shared with LLMediator.

CURRENT PROGRESS

- Module scoped as a new track building on Claude Code, Claude Cowork, and OpenClaw.
- Summer 2026 objective is a first end to end functional prototype.

NEXT STEPS

Short term (Summer 2026)

- Deliver a working prototype demonstrating end to end shuttle mediation between two simulated parties.
- Document the agent architecture, covering tool integration, conversation management, and information flow between parties.
- Produce a demo video or interactive walkthrough for stakeholders.
- Draft a research note or short paper presenting the conceptual framework and preliminary results.

Long term

- Submit to ICAIL, JURIX, or an HCI venue
- Pilot with a partner ODR provider or with the bar

