

## **Rishabh – Task: Frontend Dashboard + User Agent Interaction UI**

Objective:

Build the React-based frontend UI that visually presents agent responses, tracks interaction sessions, and plugs into Dev 6's backend simulation dashboard.

Step-by-Step Tasks:

1. Agent Interaction UI
  - Design chat-style interface where users interact with EduMentor, FinancialCrew, WellnessBot.
  - Include avatar/icon for each agent.
  - Use color-coded bubbles per agent type.
2. Agent Status + Insight Overlay
  - Create a top bar or side panel showing:
    - Active agent
    - Current confidence score (fetched from backend)
    - Mood/sentiment tag (if available)
    - Current goal in progress
3. Session Timeline
  - Build a collapsible session timeline on the UI (left sidebar).
  - Show past user prompts and agent responses (chronological).
  - Allow clicking to “replay” a past session (API trigger to Dev 6's snapshot).
4. Real-time Data Hooks
  - Connect via REST or WebSocket to:
    - Fetch agent decision metadata (goal progress, tags)
    - Stream updates during live interactions
5. Audio/TTS Playback
  - Add play button to responses if audio file is attached.
  - Use Supabase or other storage to load media.
6. Testing + Debug UI

- Build dev mode view showing:
  - Raw JSON of agent output
  - Model used
  - Confidence delta (change from last step)

## 7. Modular Embed-Ready Packaging

- Make the entire UI embeddable via iframe or as a modular widget.
- Export AgentUIComponent as a standalone React module.

### Deliverables:

- React repo or component set.
- Sample working UI for FinancialCrew + placeholder for others.
- JSON doc with expected API payloads (to sync with Dev 6).
- Notes for integration into Gurukul main app.