Runtime Architects — Team Meeting Minutes
Date: 23 July 2025
Time: ~3:03 PM – ~4:00 PM
Location: Online Call
Attendees:
• Pablo Periañez Cabrero
• Nithyakamal Ilamurugu
• Aditya Bhargav Akella

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1. Current Status Review

• Pablo initiated the meeting to review ongoing issues in ADI code integration and agent behavior.
• The team expressed concern over unresolved tool-calling bugs and inconsistent behavior of agents during demonstrations.
• Consensus: These bugs are affecting both frontend and backend development, delaying full integration.

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2. Interaction with Mentor (Saeed)

• Mixed feedback from the latest mentor meeting:

- Positive: Acknowledgement of looming deadlines.
- Negative: Mentor seemingly unaware of integration complexities, especially in the evaluation component.
  • Decision: Delay informing mentor about final fixes until further stability is confirmed (likely the next day).

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3. Technical Challenges

• The team discussed several bugs:

- Agents miscalling tools (e.g., Report Agent calling Carbon Agent tools).
- Unclear cause of hallucinated tool calls, possibly from retained model context.
  • Historical interaction feature was debated:
- Suggested solution: Autogen "memory" or integrating message history using architecture changes.
- Concern: Architectural complexity and time constraints.

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4. Debugging & Version Syncing

• Aditya and Pablo reviewed code discrepancies in `main.py`, `.env` variables, and Azure AI deployment settings.
• Key issues identified:

- Incorrect environment variable loading.
- JWT service configuration inconsistencies.
- Version mismatch between frontend and backend branches.
  • Pablo confirmed latest working frontend is on GitHub (branch: `3-develop-UI`).

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5. Successful Resolution

• After debugging, team identified the main issue: improper variable initialization (`client = None` override).
• Fix was implemented and tested successfully:

- Agent interaction now functioning.
- Chat history now stores correctly (though each message becomes a new history entry).
  • Decision: Refactor and clean up agent code before merging.

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6. Next Steps and Coordination

• Aditya to:

- Clean agent code.
- Push updated code to GitHub.
  • Pablo to:
- Focus on chat history improvements and UI auto-refresh.
- Integrate backend features with Cosmos DB.
  • Team will inform Saeed on 24 July about the successful implementation.

Meeting Adjourned

Prepared by:
Pablo Periañez Cabrero
23 July 2025