

Runtime Architects — Team Meeting Minutes

Date: 16 June 2025

Time: 9:00 AM – 10:45 AM

Location: Online Call

Attendees:

- Pablo Periañez Cabrero
 - Nithyakamal Ilamurugu (Kamal)
 - Firose Shafin
 - Aditya Bhargav Akella
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1. Scraper and Data Source Update

- **Firose** shared updates on data access:
 - The **GitHub code from Saeed** uses an API, not scraping.
 - The API provides real-time values, but **future predictions and solar generation data are missing**.
 - He is now using a **hybrid approach**: API for basic metrics, fallback to scraping if values are missing.
 - A function is being added to detect “failed” API queries and automatically trigger **manual scraping** for completeness.
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2. Multi-Agent Framework Progress

- **Kamal** reported that:
 - He had been working with an older version of Autogen (v0.2), but **migrated to v0.4** to support **multithreading**.
 - Migration is partially working; examples were used as a base.
 - Intention is to **help Aditya** implement full multithreaded agent coordination after successful migration.
 - **Aditya**:
 - Confirmed group chat among **three agents now works** using notebook code on Colab.
 - Still needs to implement proper **execution and review loops** between agents.
 - Discussed integration of **group chat manager** and execution prompts using Biotagen/Autogen.
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3. Agent Execution Clarifications

- Current group chat runs agents sequentially but **does not fully execute code** in Colab; error correction is speculative.
 - Kamal confirmed that the **Docker-based version** (Kamal's) does successfully execute code and return outputs.
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4. UI and Endpoint Discussion

- Pablo reminded the team of the mentor expectations: by 19 June, the UI should connect to **at least one agent**.
 - Kamal and Aditya confirmed plans to expose **an endpoint** (potentially Flask/FastAPI) to connect agents to the UI.
 - Pablo continued working on the UI using Microsoft's template, with adaptations to remove Azure dependencies.
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5. Additional Technical Discussion

- **Version inconsistencies** between Autogen v0.2, v0.4, and v0.6 were discussed.
 - Kamal mentioned that group chat functionality behaves differently across versions.
 - Team debated whether the "group chat" is an agent itself or a manager; conclusion: it behaves like an **orchestrator agent** in newer versions.
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7. Action Points

Task	Responsible	Deadline
Finalize hybrid scraper integration (API + fallback)	Firose	18 June
Test multithreaded Autogen migration (v0.4)	Kamal	18 June
Continue group chat loop implementation	Aditya	18 June
Confirm agent execution and setup endpoint	Kamal & Aditya	20 June
Connect UI to working endpoint	Pablo	20 June

Next Mentor Meeting:

Date: Thursday, 20 June 2025

Focus: Show working multi-agent system (data → analysis → code), execution, and connected UI

Meeting Adjourned

Prepared by:

Pablo Periañez Cabrero

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