Runtime Architects — Team Meeting Minutes

Date: 7 June 2025

Time: 12:00 PM – 12:40 PM

Location: Online Call

Attendees:

- Pablo Periañez Cabrero
- Aditya Bhargav Akella
- Firose Shafin
- *(Nithyakamal Ilamurugu was absent)*

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1. Team Catch-Up

- Members discussed personal weekend activities and technical interests, including AR headsets and VR game development ideas.
- Light conversation helped reconnect team members ahead of project discussions.

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2. Project Plan Submission

- The **project planning document** is due **Monday, 10 June**.
- Pablo will reuse and adapt content from a previous "show and tell" presentation.
- Contributions to the GitHub repository will be referenced to reflect project progress.
- A **short review meeting** is scheduled for **Monday** to finalize the submission.

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3. Agent Implementation Updates

- **Pablo**:
  - Built a basic **Autogen framework** setup with a policy agent that responds to test prompts (e.g., "What's the capital of France?").
  - Next goal: integrate **document search using file search or RAG** (retrieval-augmented generation).
- **Aditya**:
  - Developed a **system design** plan for the **Carbon Agent**.
  - Identified scraping real-time carbon data as a key challenge due to the computational cost of using LLMs.
  - Proposed using a **Python scraper** (e.g., Scrapy) to pull data every 15 minutes and store it in **cache** for agent queries.
  - Confirmed forecast data on the dashboards is stable enough to allow less frequent updates.

4. Technical Notes

- Using **LLMs for web scraping** is too resource-intensive due to token usage.
- Agreed to use standard scraping tools for efficiency and separate LLM tasks for natural language interactions.
- Discussed potential use of **MCP servers** in later stages, but current priority remains local setups.

5. GitHub Workflow and Collaboration

- Pablo reminded everyone to:
  - Work on **separate branches** to avoid merge conflicts.
  - Commit regularly to avoid data loss and maintain progress.
  - Use **GitHub Issues and Sub-Issues** to break down tasks like scraper development and MCP integration.

6. Architecture Presentation Preparation

- Pablo will work on a basic slide deck for the **Wednesday mentor meeting (12 June)**.
- Team will showcase the **basic agent prototypes** and a **first draft of the system architecture**.
- Agreed that demonstrating early functionality (even simple responses) meets expectations for this phase.

7. Action Items

Task	Responsible	Deadline
Finalize project planning document	Pablo	10 June
Review project plan in short call	All	10 June (Monday)
Continue carbon agent scraper development	Aditya & Firose	Ongoing
Push working policy agent prototype	Pablo	7–8 June
Use GitHub sub-issues to track components	All	Ongoing

Meeting Adjourned

Prepared by:

Pablo Periañez Cabrero

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