**MCIP CI4 meeting minutes – week 2**

**Time:** 15:00-16:00, 11 March 2025

**Location:** IW4

**Items:**

* Action Items of the previous meeting:
* We read the paper Dr. Cruz Izu provided and did extra research about GenAI in programming education. As follows:

1. *The Widening Gap: The Benefits and Harms of Generative AI for Novice Programmers.*
2. *Prompt Problems: A New Programming Exercise for the Generative AI Era.*
3. *Teach AI How to Code: Using Large Language Models as Teachable Agents for Programming Education*

* Students who have a stronger sense of programming will use GenAI effectively, but those who are struggling in programming will have misunderstanding of their ability by using GenAI after solving coding problems.
* There are some on-going methodologies of using GenAI as a helper not an answer provider.
  + “Prompt problem” by tuning LLM in designing system messages to give hint to student when solving a programming problem.
  + “Create a fixed Prompt template” to ensure AI responds in a consistent way..
* Discussion:
* Client requirements (Dr. Cruz Izu):
  + Our team can choose the tech stack and define the scope of the project.
  + Be aware that our scope is deliverable.
  + We could think about which subject or scope our LLM model focuses on. Maybe we could still focus on programming related courses, ex: python A, B.
* Action Items:
* Propose our development plan to Dr. Izu next week.
* Set up milestones in GitHub to track and solve tasks.
* Using meeting minutes to track the discussion.