



# Agenda

- ▶ Some background on the process
- ▶ We present you the topics
- ▶ You (physically) go to the supervisor whose topic you would like to work on
- ▶ There you form teams and exchange details with team members & supervisor

# Requirements

- ▶ Final presentations: TBD, mandatory attendance
- ▶ Regular meetings with your supervisor
- ▶ Concerning LLM use: At least one person must be able to explain *every single line of code*. Our recommendation: Don't use LLMs, they will generate code you don't understand that won't do what you want and which you then won't be able to adjust to do what you want or bugfix

# Project Teams

- ▶ 1-2 teams per topic (working independently)
- ▶ 3-6 students per team (collaborating)

20 students total

## SE terminology

- ▶ *Validation*: Did I build *the right thing*?
  - ▶ Method: Regular meetings with your supervisor to keep shared understanding of requirements in synch
- ▶ *Verification*: Did I build the thing *correctly*?
  - ▶ Method: Testing

# Development Process

- ▶ Agree with your supervisor on milestones for deliverables with intermediate functionality
- ▶ Development should use Gitlab Issues, Issue Boards and, ideally, CI/CD, with provisions made for shared, replicable build and dev environments across the team and CI
- ▶ Divide up responsibilities & pipeline tasks by analyzing dependencies!