Who are we

Seminar leads

Seminar guests

Ing. Lukáš Valek
Ing. Radovan Sroka

What we do

- User-POV E2E
  Automated Testing
- Computer vision
- Practical AI
- Full-stacks
- Microservices
- Student thesis

What is our PV260 about

- Pragmatic programming
- No BS approach
- Emphasis on real-world experience
- Emphasis on real-world significant quality issues
- Inter-team and cross-team cooperation

Important points from the interactive syllabus

Pre-requisites

- You should know basics of C# development within the scope of PB161 or PV178
- Each student is required to bring their own laptop (or a fancy calculator running DOOM); your should:
  Software tools
  - preferably RideR (C# 2024.x.x)
  - .NET 9 SDK installed
  - Docker desktop == 4.3xxx (or alternatives - feel free, but… are first version!)
  - GitHub account

Attendance

- Mandatory
  - max 2 absences allowed

Evaluation

- Points from assignments (2 blocks)
  - 1-n points each == max 40 points
- Project activity (team/team activity)
  - Questions, answers, discussions…

Helpful links

- yotoli pro Ridry for students: https://www.jetbrains.com/community/education/#students
- Docker desktop: https://www.docker.com/products/docker-desktop/#
- GitHub: https://github.com/us

So what it will look like?

Good news: You will receive fully functional system **DeepLense!**

But...

- There are **intentional** mistakes mimicking real reality
- We (you) will confront these throughout the semester
- Increment by increment, you will make the system better.
- Increment by increment it's all the business. If…
- You can use any **available tools** including **LLMs**, however
  we expect you understand the code in your codebase

Here's what we gonna do right now:

Channel: project teams

Let's figure out system architecture together!

HTTP POST: Upload(image)

HTTP POST: Detect(Object(image).guid)