

PV 168  
Seminar 05

# Agenda

- Projects: Next Steps
- Seminar task
- Seminar task reflection

# Project: Next Steps

- Design and implement GUI of the application in the scope of MVP
  - Just GUI, not the business logic
  - However the GUI should be complete (all screens, menu items, buttons, etc.)
  - You should be able demonstrate how the application will look like and how it will behave
- Deadline will be communicated via e-mail

# Seminar task

- You will be now split to teams consisting of four students
- Create and push the branch (see the next slides)
- Work on the tasks in the specified order (see the next slides)
- You have **60 minutes** to solve all the tasks
- If you need any help, **Ask for Help in Zoom**

# Working with branches in Git

- Clone the project <https://gitlab.fi.muni.cz/pv168/employee-evidence>
- Create new local branch
  - based on commit **ee8d3c50** (current head of master branch)
  - with name **week05-group0X-roomY** (0X is seminar group, Y is breakout room number)
  - If you from group PV168/01 and breakout room 3, branch name is week05-group01-room3
- Pavel Hrdina or Petr Adámek will give you write access to calculator repository
  - Only one person per breakout room - the one who will use the computer for coding
  - Petr or Pavel will visit your breakout room to ask who is this person
  - In the meantime work on other tasks
- Push the branch to origin repository

# Seminar task

- Look to the application code and try to run it.
- Modify the application to have operations **Add**, **Delete** and **Edit** in
  - Local menu of employee table (label, icon, keyboard shortcut, tooltip and mnemonics)
  - Menu Edit (label, icon, keyboard shortcut, tooltip and mnemonics)
  - Toolbar (icon and tooltip)
- Modify the application to enable operation (i.e. all menu items and buttons)
  - **Edit** only when single row is selected
  - **Delete** only when at least one row is selected
- Modify the class Employee to have also evidence of
  - Gender (pretend that we are in ultraconservative society and that under no circumstances we will have more than two genders)
  - Age

# Link to Slides

<https://is.muni.cz/auth/el/fi/podzim2020/PV168/um/seminare/PV168-seminar-05.pdf>

# Conclusion

Any questions?