

# TASKS IN WEEK 4

## 1. BEFORE NEXT LECTURE

- A. Draw activity diagrams for at least three use cases, i.e., three activity diagrams
  - Add the activity diagrams into your project SRS, below each corresponding use case.
  - ★ [SRS example from previous project](#)
- B. Draw at least two sequence diagrams for your project.
- C. Write two Use-Case-Realization Specification (UCRS) based on the two sequence diagrams by following the template of RUP SRS: [rup\\_ucrs.dot](#) in [RUP template table](#).
  - Keep Section 1 (Introduction) short
  - Focus on Section 2 (Flows of Events). Copy the sequence diagram here.
  - Section 3 is optional
- D. Version Control your new drawings and UCRSs in your GIT
  - Keep documentation clearly separated from code.
- E. Report progress in your blog
  - The behavior modeling of your project (Diagrams + explanations)
  - Links to your SRS and UCRSs
  - Any other tasks you have achieved for your project, if there is any. E.g., data collection, setup virtual machine, etc.
  - Leave some buffer time for others to review your blog!
- F. Review two other blogs
  - Provide comments
  - Checklist:
    1. *Logical?*
    2. *Are all the UML notations used correctly?*
    3. *Is there any situation not considered?*
    4. *In sequence diagrams, can any objects be merged or split?*

## 2. KEEP IN MIND

Check Discord ePortfolio channel to avoid double booking.

Reserve a date for your presentation.

If you'd like to present a topic not in the ePortfolio list, please send me an email.

UML references:

- [Guidelines: Activity Diagram in the Use-Case Model](#)
- [Guidelines: Sequence Diagram](#)
- UML [Specification: dictionary](#)
- UML [Examples](#)
- Tool: you can use any modeling/graphics software supporting UML2.0
  1. *Microsoft Visio*
  2. <https://www.lucidchart.com/pages/>
  3. <https://www.yworks.com/products/yed>
  4. <https://drawio-app.com/use-draw-io-diagrams-in-google-docs/>
  5. *More ...*