

Requirements Engineering Exercise - 6

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Deadline: 20.01.2025 - 1:59 PM

Submission location: Moodle Course Page

Task(s):

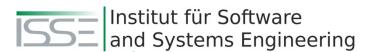
Submission guidelines:

- Please upload exactly ONE .cpn file and your AOM Goal and Behaviour Interface models as PDF files.
- Please use CPN Tools V4.0.1 ONLY.
- You can upload a maximum of 3 files that collectively make up your submission.
- Please review your submission once you have uploaded the CPN model and then click the Submit button.

Scenario: Same as Exercise 04

Task(s):

- 1. Create a CPN model based on the AOM Goal and Behavioral Interface Models using the mapping heuristics discussed in the lecture.
- 2. The initial tokens (initial state) of your system should reflect at least 2 scooters and 2 commuters. More generally → Please ensure a level of complexity similar to the CPN model example given in the lecture.
- 3. You can use the CPN model example used in the lecture and modify it to suit your needs.
- 4. You are welcome to use hierarchical CPNs to follow the Goal hierarchy if you like, but it is not mandatory.
- 5. You can choose a simple subset of the goals and only model those, **however:** this subset should include the *interesting* component of the system, i.e., the reserving, riding the E-Scooter, and computation of the ride cost. Optionally you can also include registration and payment process.
- 6. You can modify your AOM models if you feel the need to, as long as the updated model meets the task description from Exercise 4.
- 7. Please upload your AOM Goal and Behavior Interface models again even if you do not modify them.





8. Please make sure that your CPN model has no errors.

Questions? → etce-re@tu-clausthal.de
We will ignore all emails to our private email accounts!

