

# Proposing and Designing an Advanced Service System for a Mini Project

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The goal of this assignment is to propose and design your mini project which is based on the assignments 1, 2, and 3. In this assignment you are asked to

- 1) Present a conceptual design of all services and their interactions to support the scenario in the first assignment
- 2) Finalize the list of tools/frameworks and platform services you will use to build the design, based on your work in the assignment 2
- 3) Design how your application-specific services (data services, analytics services, etc.) will support data concerns and trade-offs among selected concerns (based on the assignment 3) based on elasticity principles.
- 4) Present your design in the lecture.

You will need to submit a report and a presentation. The report describing your work should be limited to 2 pages in IEEE computer society format template ([https://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](https://www.ieee.org/conferences_events/conferences/publishing/templates.html)). You will have 5 minutes for your presentation during the lecture + 5 minutes for questions.

The PDF report and the presentation must be submitted to TUWEL based on the deadline mentioned in TUWEL (due on 12 May 2016, 23:55pm).