

SEMA Pedagogy

by *Gerrit Muller* University of South-Eastern Norway-NISE

e-mail: `gaudisite@gmail.com`

`www.gaudisite.nl`

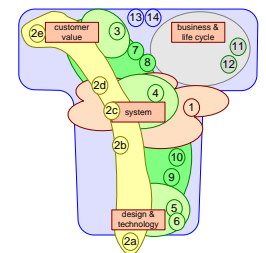
Abstract

The pedagogical path of the SEMA course. How the assignments during the course and during the homework build toward the final deliverable.

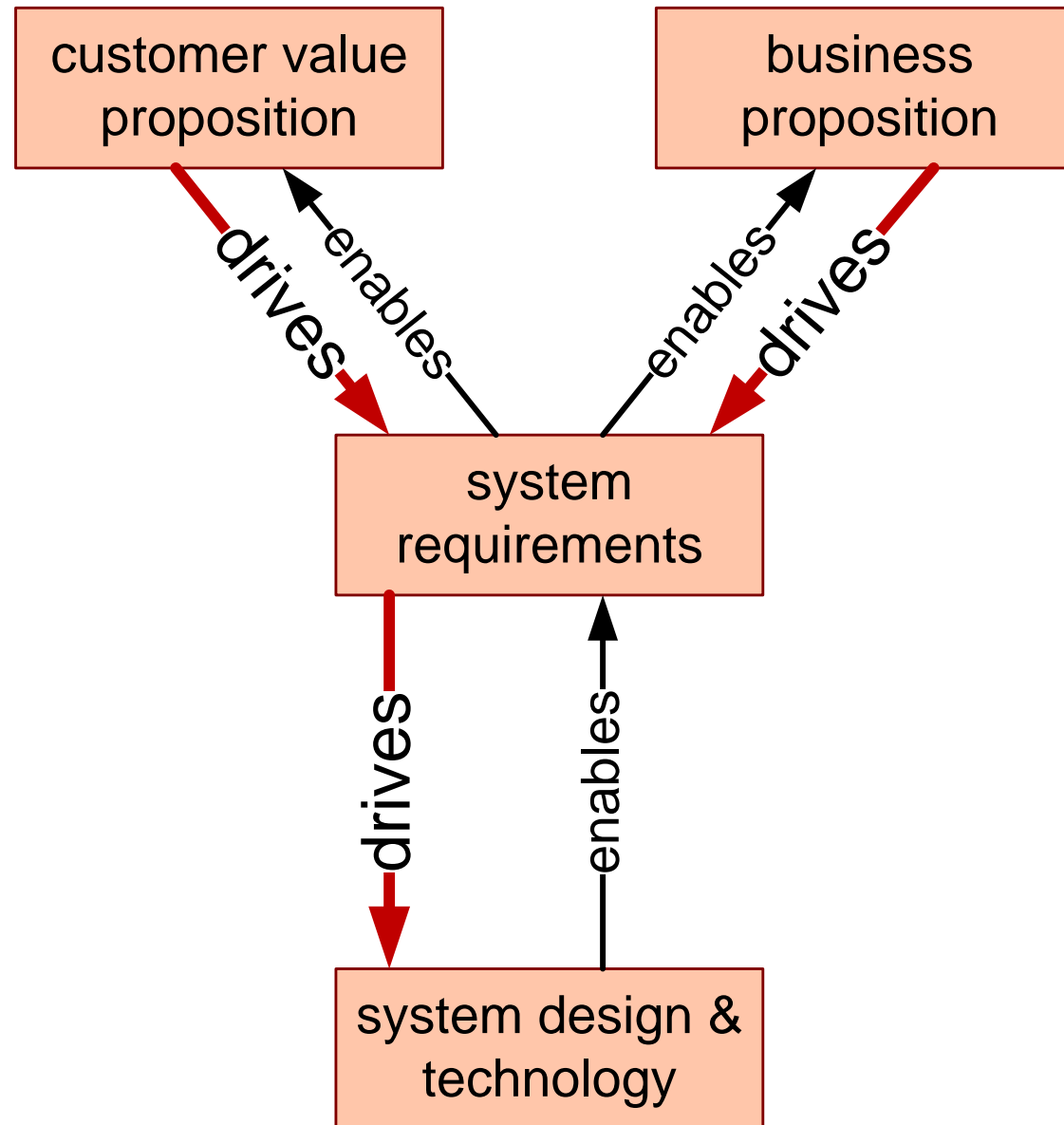
Distribution

This article or presentation is written as part of the Gaudí project. The Gaudí project philosophy is to improve by obtaining frequent feedback. Frequent feedback is pursued by an open creation process. This document is published as intermediate or nearly mature version to get feedback. Further distribution is allowed as long as the document remains complete and unchanged.

August 16, 2025
status: draft
version: 0



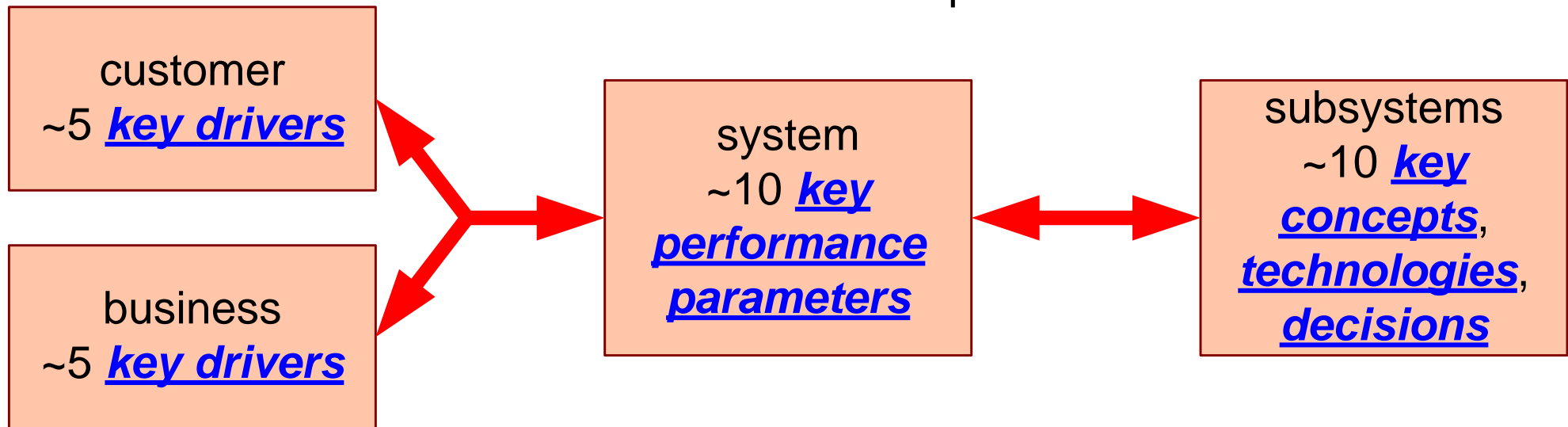
Systems Architecting Top View



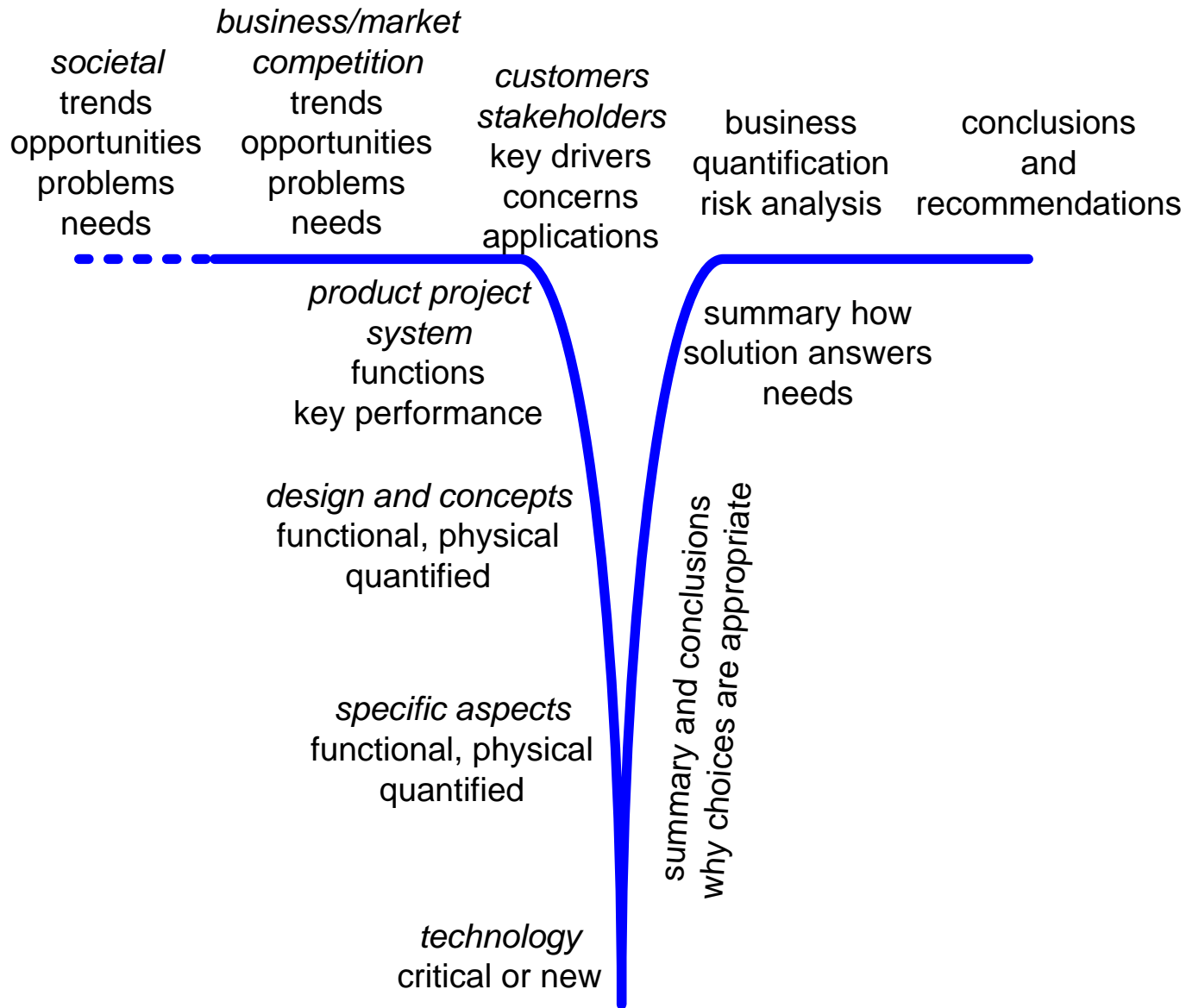
Systems Engineering: ***Fitness-For-Purpose***

Achieving customer and business key drivers
via key performance parameters of system

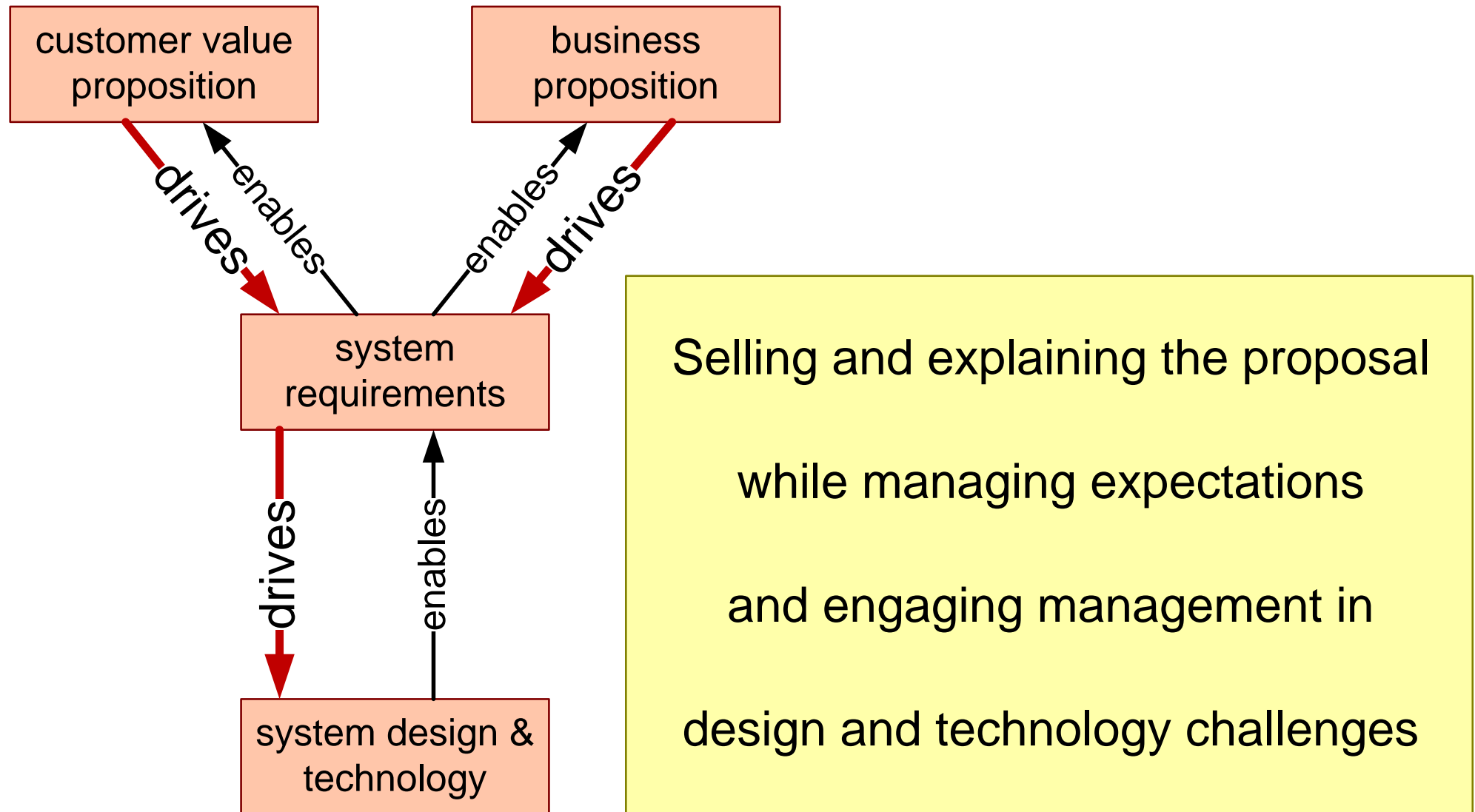
based on technical expertise



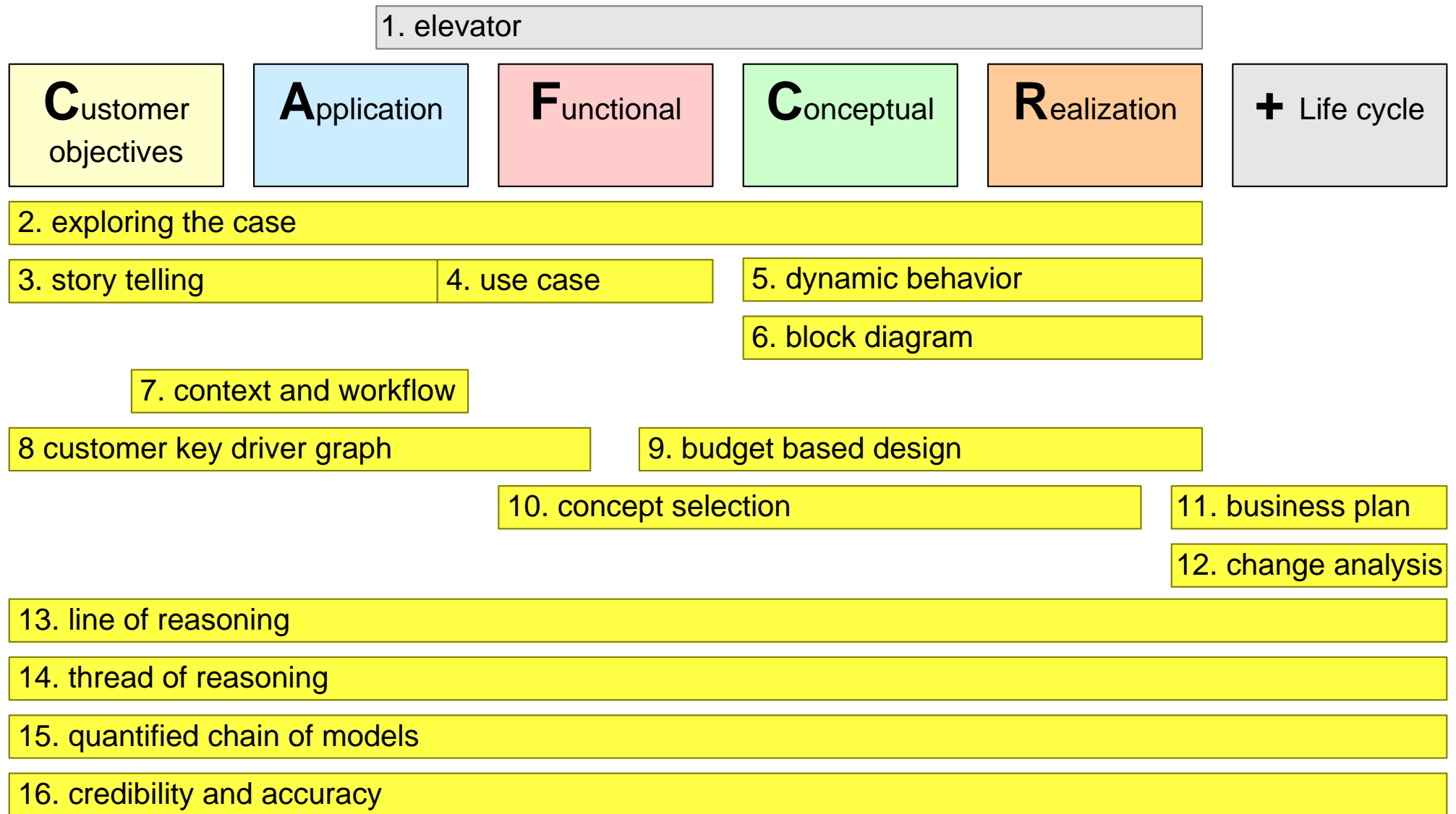
Final Homework Deliverable: T-shaped Presentation



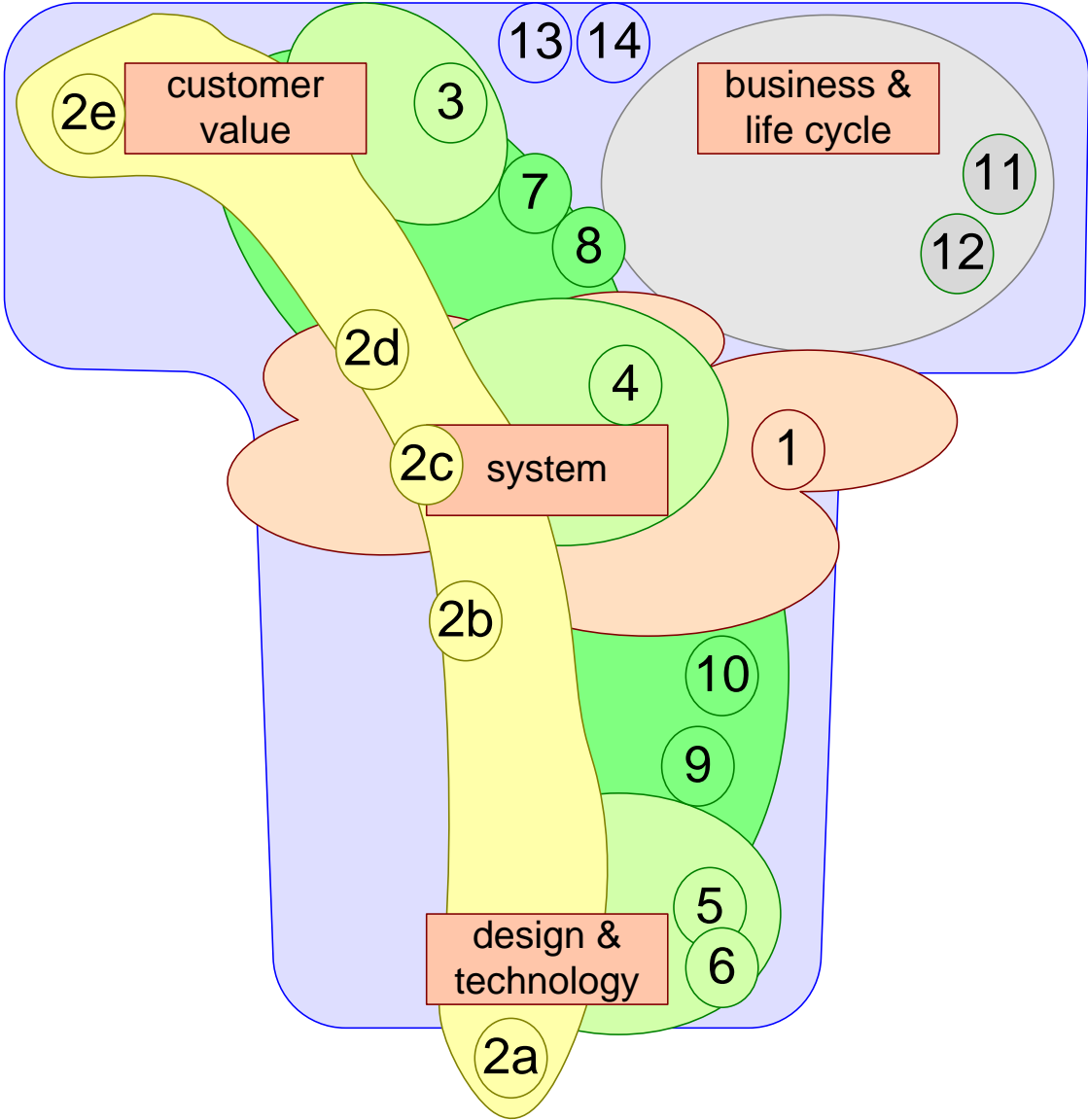
Final Course Week Deliverable: Elevator Pitch



Assignments during the Course



Classroom Assignments



Panorama Photo of Classroom



SEMA classroom September 2017, photo: Yang Yang Zhao

Homework Assignments

1/3: Capture course results as electronic visualizations
(PowerPoint/Visio)

2/3: Transform into draft T-shaped presentation

final: T-shaped presentation
plus individual reflection