

SEMA Pedagogy

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Abstract

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

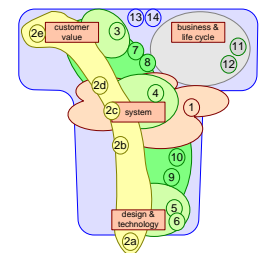
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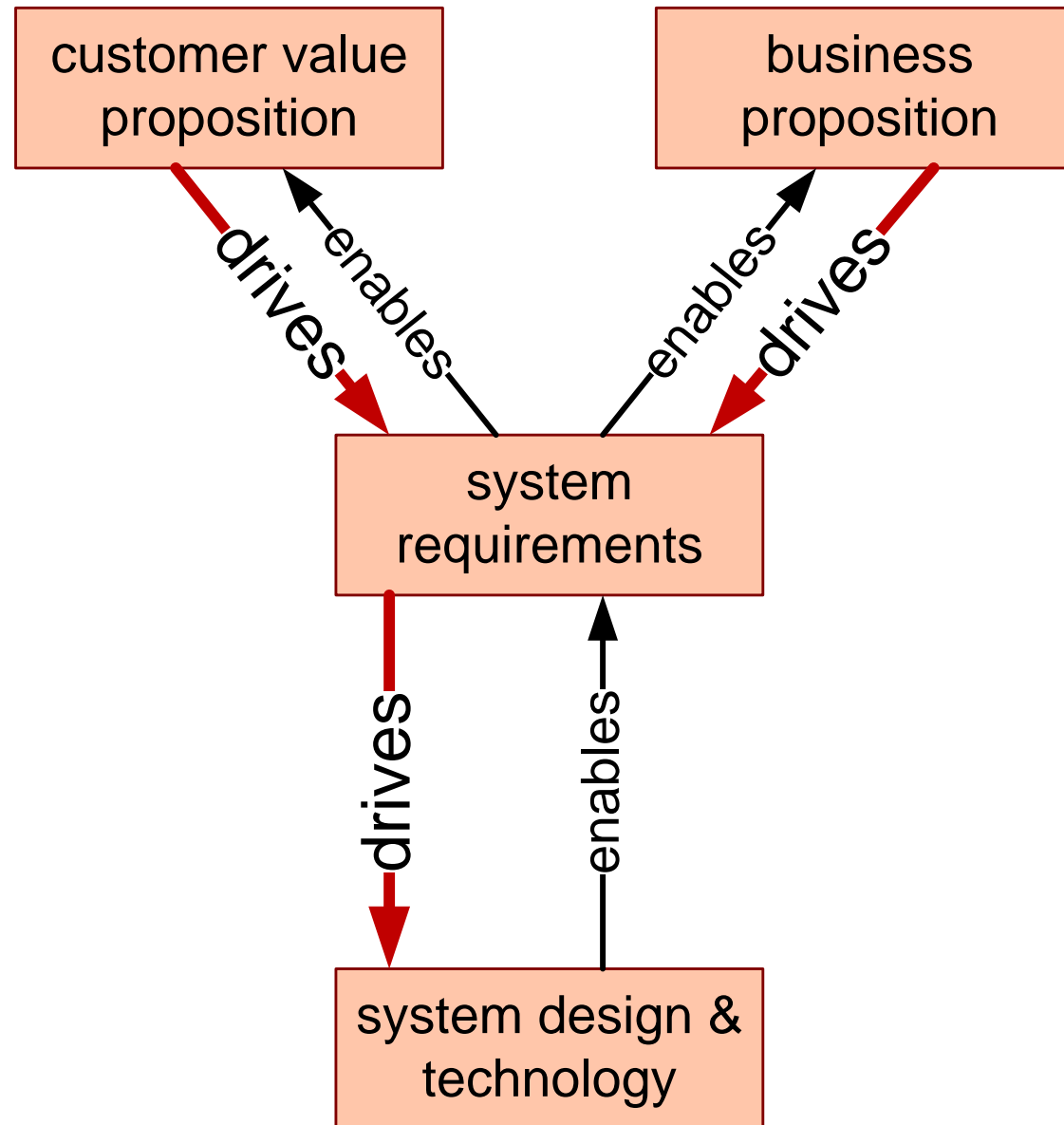
August 21, 2020

status: draft

version: 0



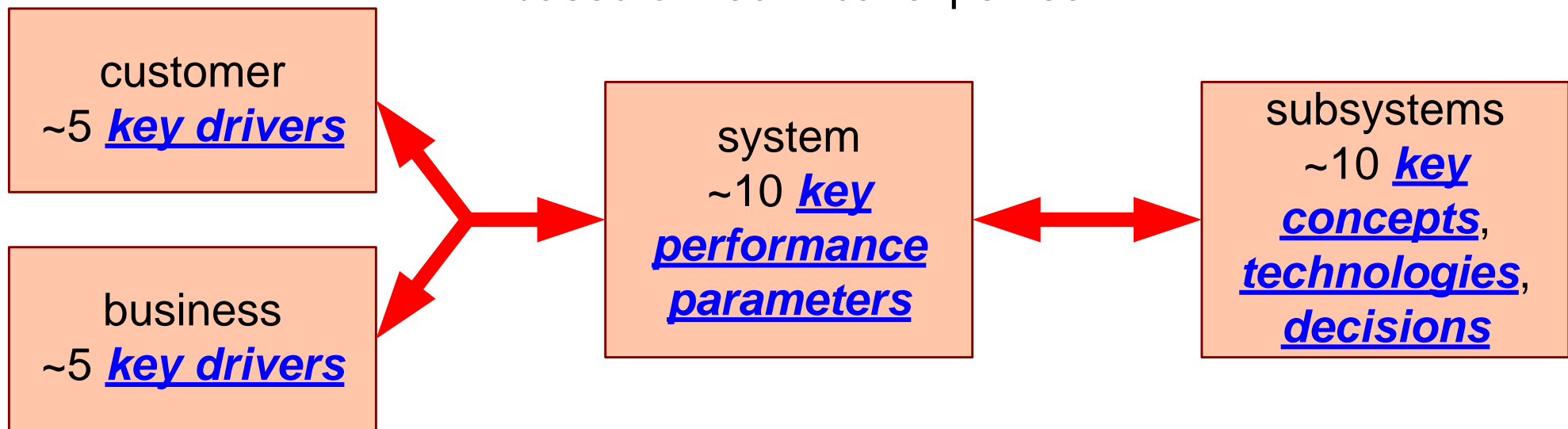
Systems Architecting Top View



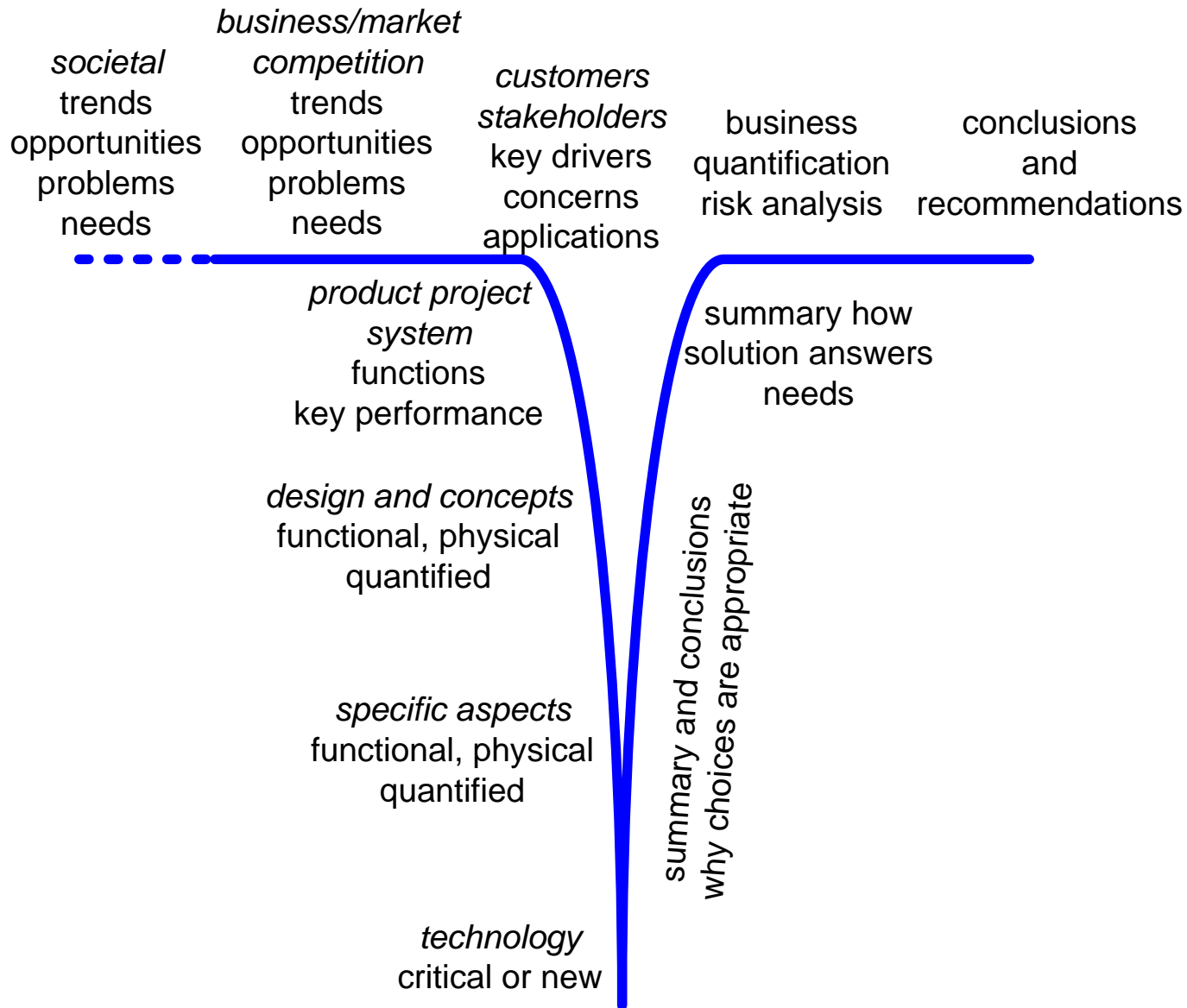
Systems Engineering: ***Fitness-For-Purpose***

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

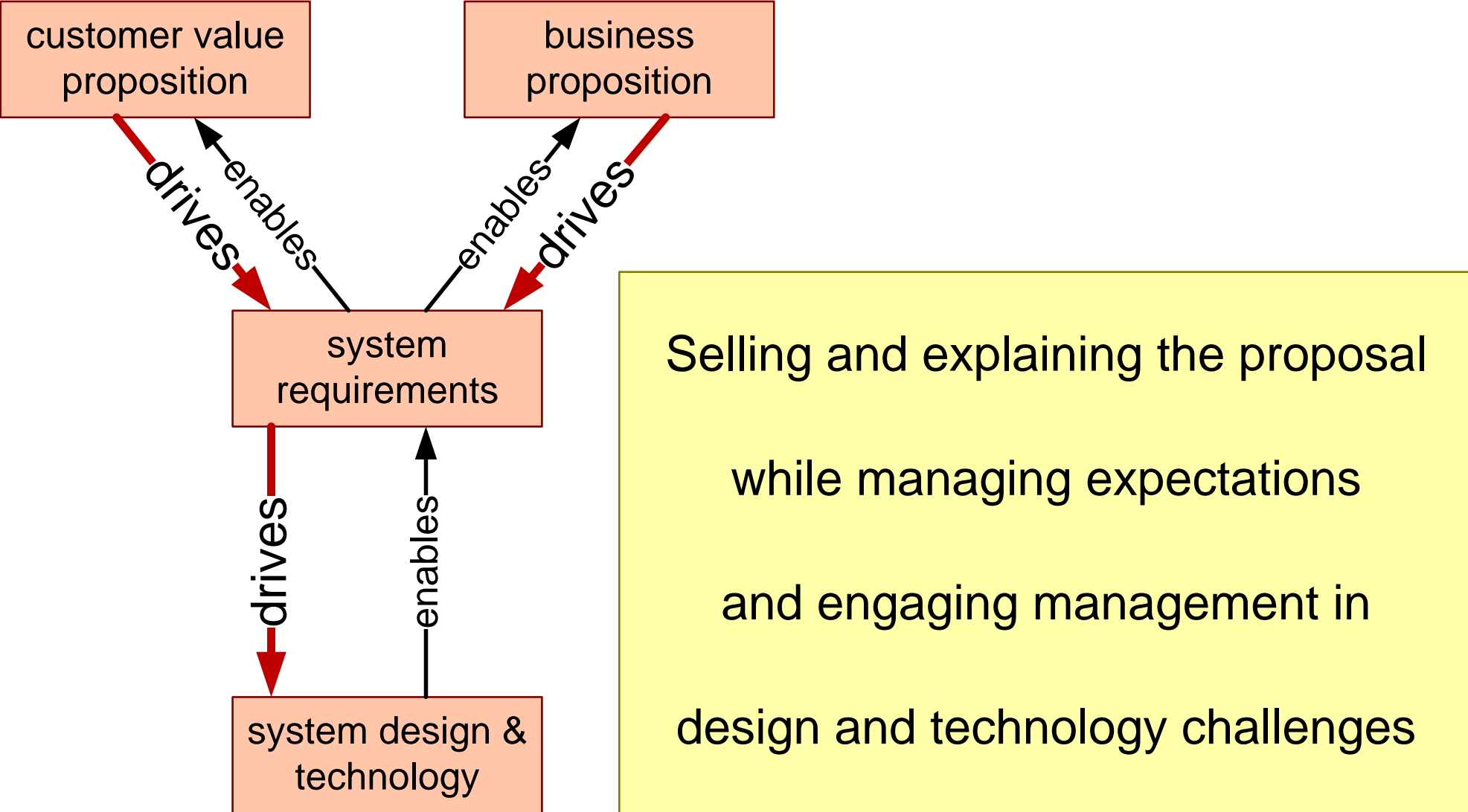
based on technical expertise



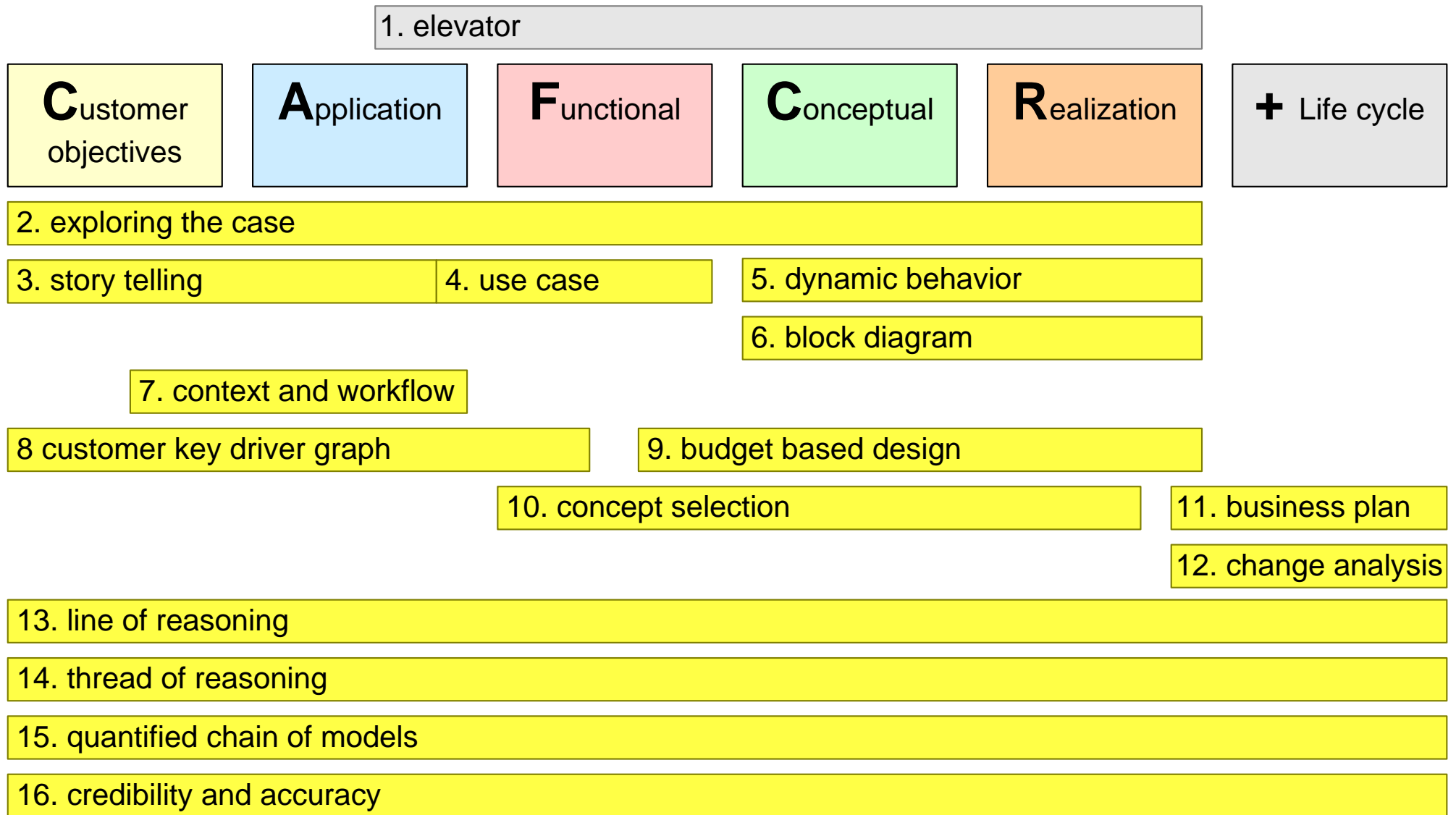
Final Homework Deliverable: T-shaped Presentation



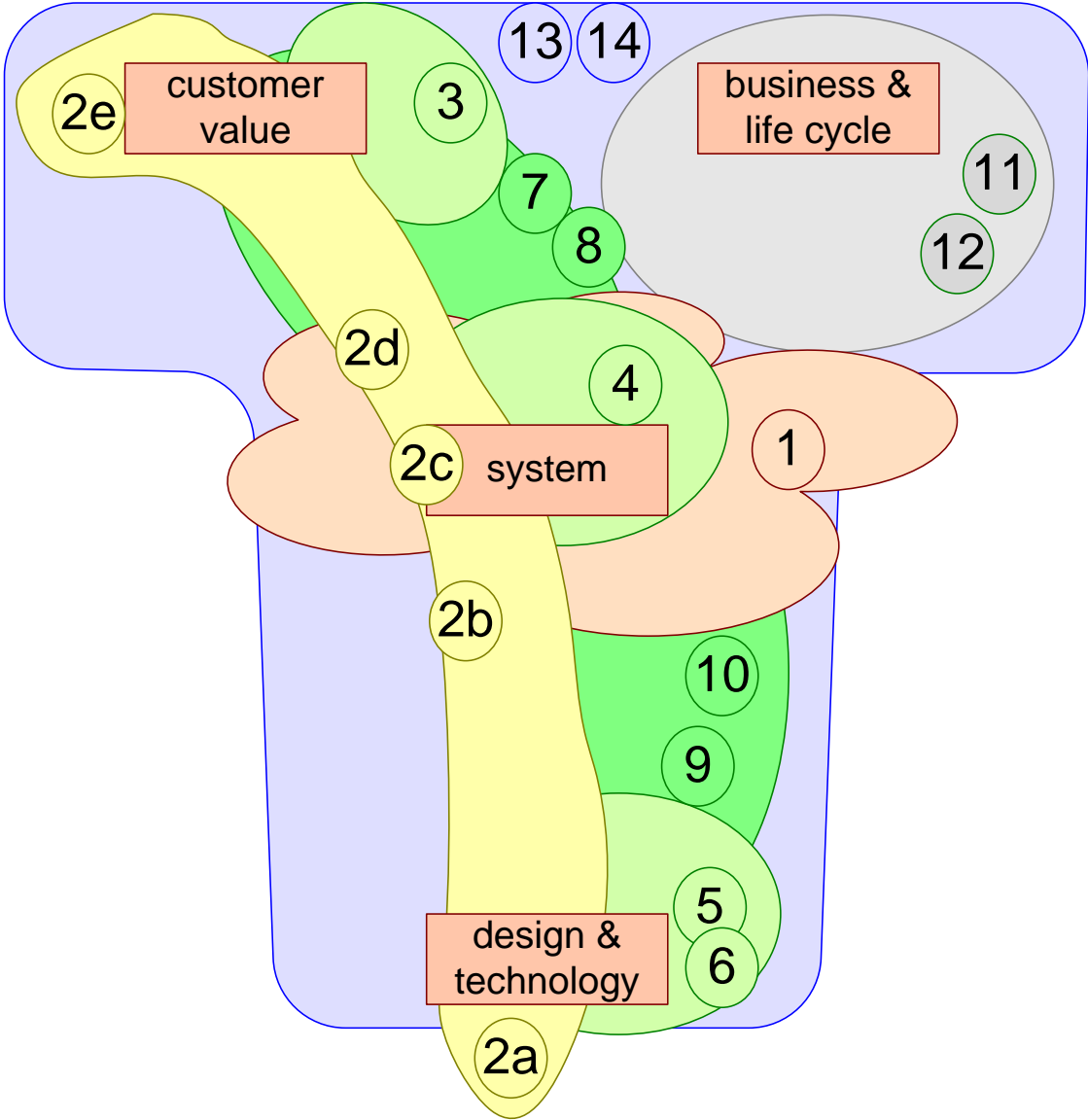
Final Course Week Deliverable: Elevator Pitch



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