

ELO Node Illustrative Schema

Foundations of Clinical Reasoning 2-node sample Table of Contents >		Module 1: The Cognitive Science of Medicine		
		1.1 Theories of Medical Decision-Making		
		Dual Process Theory	Mental Models	
Tree 4: Semantic Latent Layer (SLL): Deep Semantic Compiler				
Tree 3 decorated Table of Contents (ToC)	ToC Node Parameters	Node ID	1.1.1	1.1.2
		MinML gate	0.9	0.85
		Coverage	1.0	0.9
		Remediation	5	3
		RankUp	1	2
		Hierarchy Proximity	x Siblings, y Ancestors	
		Bloom Level	2	3
		ML	1	2
	Grading wt	1	1	
	Assessments & Question Banks	Method	Script Concordance Testing (SCT)	
		Definition	Measures how a student's "illness scripts" align with expert panels in uncertain scenarios.	
		QB_1	QS [1,2,3]	QS [4,5]
	Annotations	Contributor Authority	author: 1.3; instructor: 1.2; peer: 1.15, other: 1.05	
		Endorser Multiplier	author: 1.45; instructor: 1.35; peer: 1.1, other: 1.0	
		Projects	Unit, Cross-Unit, Capstone Projects	
Practices	RC examples	The Intuition Trap: Student must override a System 1 error.	Model Collision: Reconciling two conflicting physiological models.	
	Learning Objectives		Differentiate between System 1 and System 2 thinking and describe the role of each in the diagnostic process.	
Tree 2 Competencies & Learning Objectives	Competency		<u>Critical Thinking</u>	
	Link		https://mppacademy.org/aamc-competencies/	
	Definition		Using logic and reasoning to identify strengths and weaknesses of alternative solutions.	
	Ontology		Cognitive Process (MF)	Mental Representation (MF)
Tree 1 Truth Anchor & Content	(weight: 1.0) (SNOWMED CT)	Concept	cognitive process	mental representation
		Mapping	Core class	Good match
		Notes	IRI	http://purl.obolibrary.org/obo/MF_0000008
	SEA	weight: 0.98	Community-Acquired Pneumonia Illness Script	
	Lecture Notes	weight: 0.94	Week 2	Week 3
	Textbook	weight: 0.85	Clinical Reasoning in the Health Professions, ISBN: 0443110972	
	Micro video	weight: 0.50	An Introductin to Clinical Reasoning, @Strong Medicine	