About Me



NAME

Stephen Penn

TITLE

Clinical Assistant Professor

Advanced Analytics and Statistics

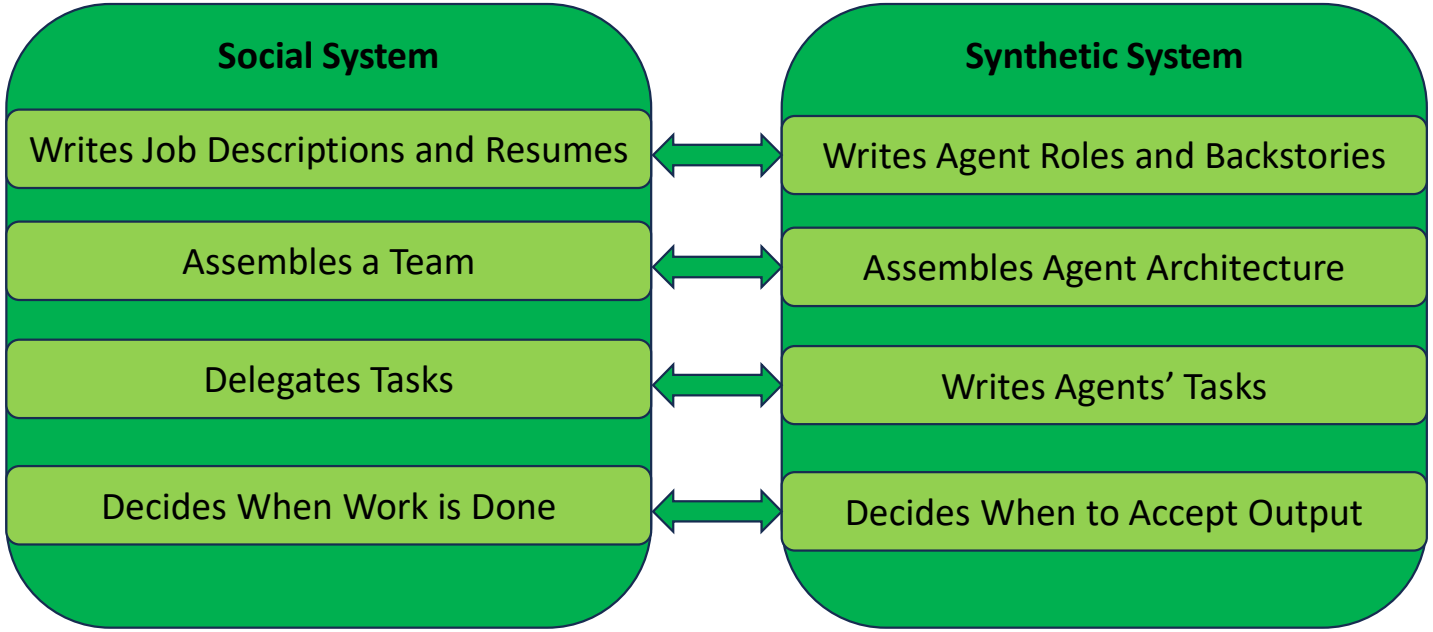
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3 Years

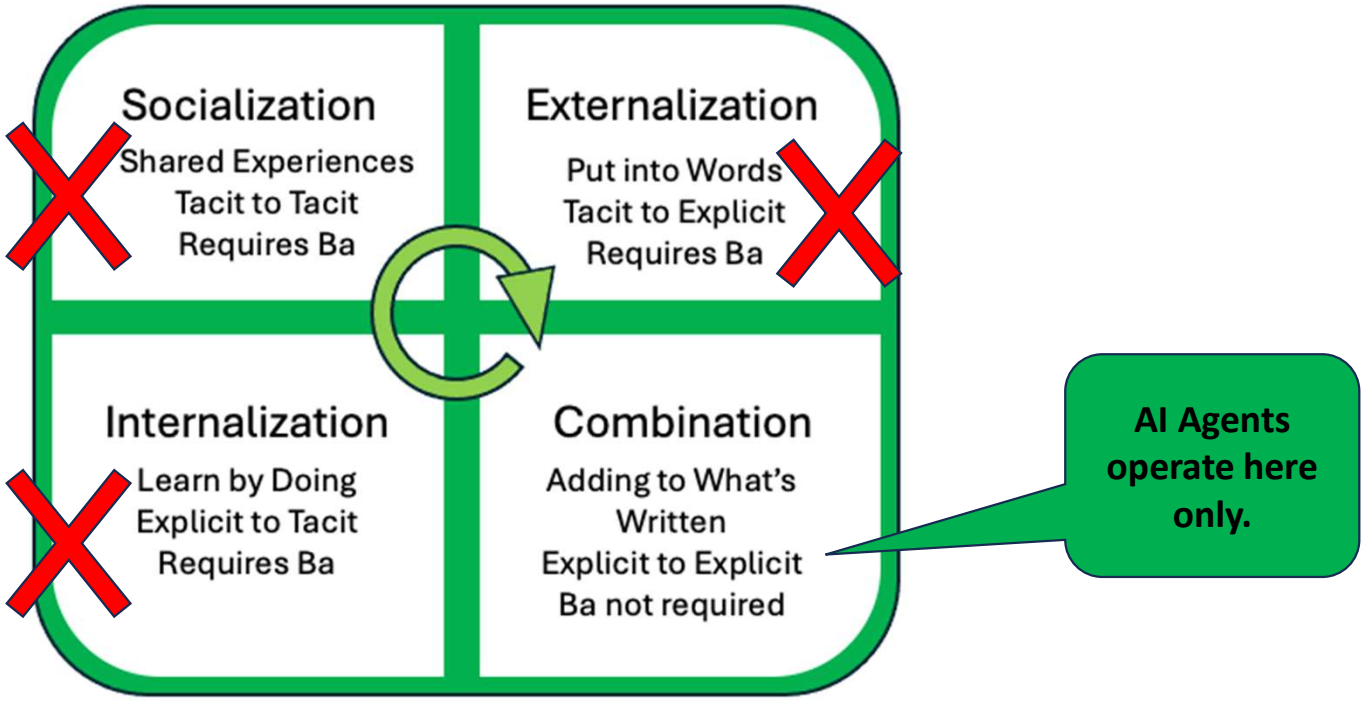
RESEARCH FOCUS AREAS

- My main area of interest is viewing Agentic AI as a system that needs managing.
- Developing agentic systems is somewhat analogous to managing teams of humans.
- My research questions start with the idea that a synthetic system is an open system.
- From there, I want to know which current management theories that came from social systems apply to synthetic systems.
- Can agentic AI be viewed as a laboratory where social and organizational variables are controlled?

Similarities Between Social and Synthetic Systems

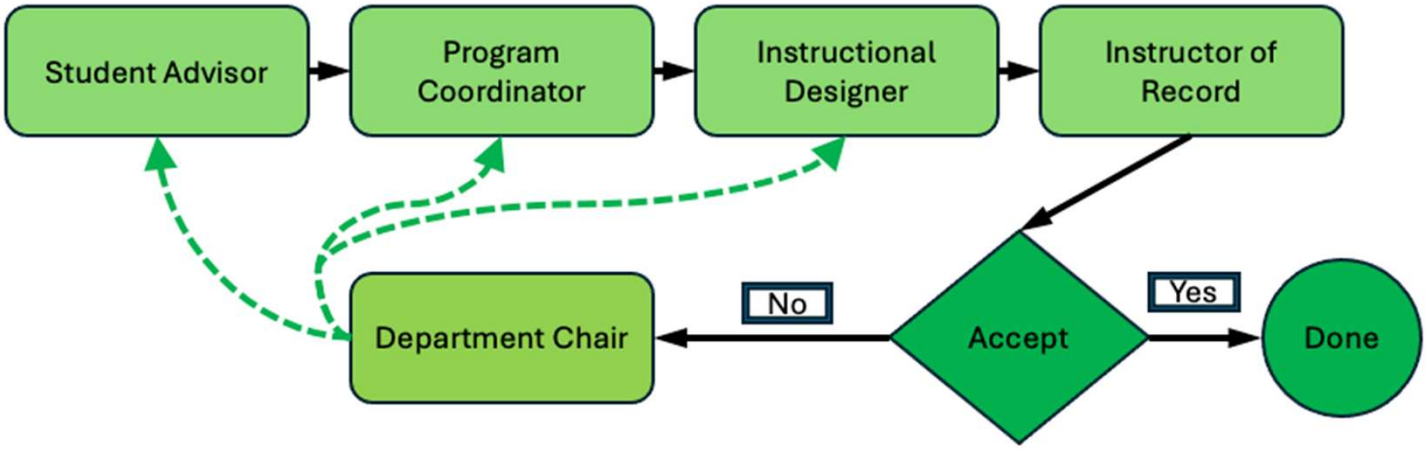


Example One: What is the Effect of Lacking Tacit Knowledge?



Example Two: Testing a pre-Hawthorne Proposition by Henri Fayol





My Research Question in Its Simplest Form

Can we use agentic AI to learn about organizational structure in synthetic, social, and hybrid systems ?