

CPSC 416 Evidence Card (in-class studio)

Use this as the default structure for design work, peer review, and reflection. The goal is falsifiability and traceability, not polish.

System / scenario: _____

Failure model (what can go wrong?):

-
-

Safety invariant (what must never happen?):

-

Liveness assumption (what must eventually happen, and under what assumptions?):

-

Mechanism sketch (how does the protocol enforce the invariant?):

-
-

Observability plan (what would you log/measure to debug failures?):

-

Falsifying evidence (what observation would prove you are wrong?):

-

Optional GenAI prompt pattern: “Given my failure model and invariant, propose a counterexample trace. What minimal evidence would distinguish competing explanations?”