Specification: Linear Temporal Logic

- Notation: $M \vDash f$
  - Transition System model, M, entails LTL property, f, for ALL possible paths
  - i.e. LTL is implicitly universally quantified

- Other logics include
  - CTL: computational tree logic (branching time)
  - CTL*: combination of LTL and CTL
  - MTL: metric temporal logic (for regions of time)