

Diagramming AI

DiagrammingAI is a GPT-based GenAI tool, which can create various types of diagrams, including but not limited to flowcharts, sequence, entity relationship, class diagrams, given a prompt or an image. It allows creating various state diagrams as well - basic, HSFM, concurrent, etc.

State Diagram

Given the same prompt as in the above cases, DiagrammingAI managed to produce an acceptable general picture of the system in terms of events and states included in it. As we can see, the loan approval process was understood correctly, although represented a bit differently (e.g no separate state for pending applications). The chart has composite states (structured differently than in our diagram) and guards. Additionally, guards for contract termination were aligned with those identified by us. Moreover the diagram includes triggers, some of which are the same as in our chart. All in all, diagramming AI correctly identified the main states and events in the contract creation process, and produced a reasonable statechart.

