The model and application boundary

What OrangePeel computes, what Windfall applications provide, and where people make decisions.

Application input

A Windfall application owns the user workflow, domain vocabulary and permissions for the task. It validates what it sends to the model layer and records the origin of relevant facts.

Model output

OrangePeel develops the computational models behind the applications. In this design, the model returns a result, its derivation, evidence references and unresolved conditions through a versioned interface.

Test the interface

Use one fixture with complete inputs, one with a missing required field and one with an input version the model does not accept. Specify which validation errors come from the application and which unresolved conditions come back from the model.

Review and action

The application displays the result in the context of the job, preserves the evidence record, and leaves the decision to the responsible person. Each application needs its own validation against domain requirements.