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- I. *Goal decomposition models* represent *alternative solutions* to requirements problems
- II. Rankings over LTL-formulae express *stakeholder priorities* over *properties of desired solutions*
- III. A preference-based planner is used to find alternative solutions that *best match stakeholder priorities*

[illegible]

In terms of performance, though planning with preferences is a hard problem, our extended version of PPIan performs well on practical goal models for simple satisfiable preferences even on relatively large goal models. We are exploring the use of recent advances in preference based planning, to allow practical reasoning for larger goal models with more complicated preferences.