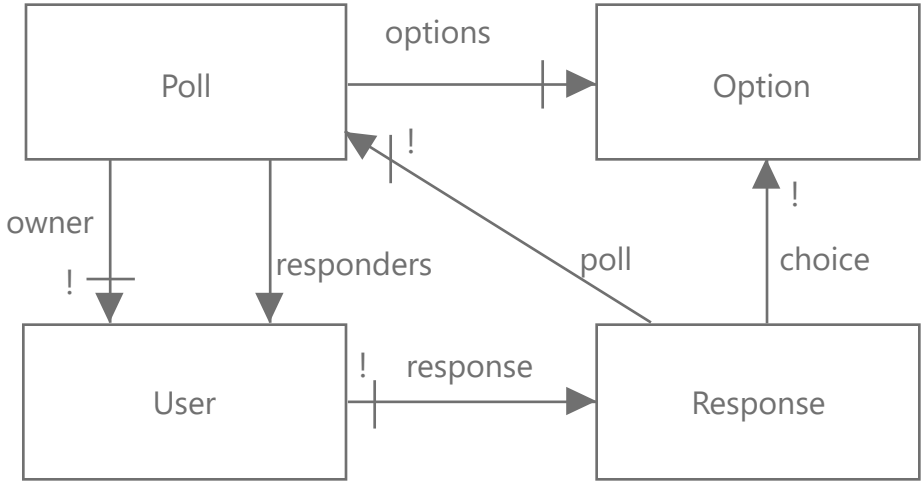


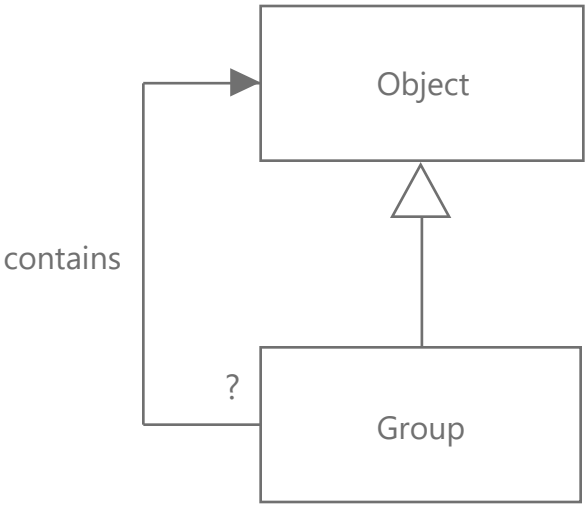
1. Poll. A user can create a poll, collect responses from other users, and then select which option was most popular.



Constraints:
all p: Poll | not p.owner in p.responders
all r: Response | r.~response in r.poll.responders

Decisions:
Assumed that the owner does not respond to their own poll
Assumed that a poll can't be modified after it's created

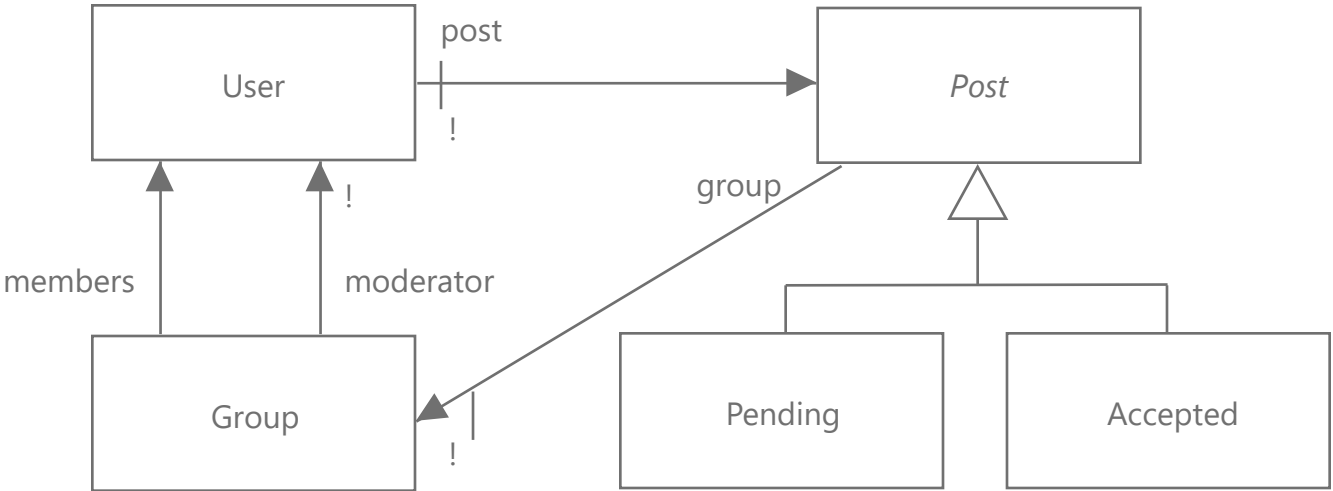
2. Diagram group. Objects in a diagramming app can be grouped together, so that when the group is selected and deleted, all members of the group are deleted together. Note that groups can be members of groups too.



Constraints:
no o: Object | iden(o) in ^contains

Decisions:
Assumed that adding a group as a member of a group does not merge or de-group the group (i.e. does not add each individual object in the group, but the group as a whole)

3. Moderation. Users submit items to share with other users in a group, which are reviewed by the group's moderator, and only shared if the moderator accepts them.



Constraints:
all g: Group | g.moderator in g.members

Decisions:
Assumed that a group has only one moderator, but the moderator can change
Assumed that a moderator is also a member of the group
Assumed that a user may moderate multiple groups, and may be a member of multiple groups