Intro

It’s a fucking vote-based task allocation application that promises fair division of tasks between users, while also granting task-tracking services.

Every user has a list of his groups.

Every group consists of tasks which could be divided into smaller tasks, in a tree structure.

Groups

Group has a property that describes how much every1 in the group should contribute overall (if Niv needs to contribute x, then he can choose to contribute x/2 in task A and x/2 in task B).

2 types of groups – Everyone is an admin / Group founder is an admin like whatsapp, maybe more.

Tasks

Task is a tree of sub-tasks (nodes).

Leaf (temp name) is a doable small task (in the cleaning task – scrub the toilet).

Admins can initiate a voting phase whenever they want.

Properties:

* Name
* Date created
* Created by
* Admin (important: not related to the group admins)
* How often the task will go into voting phase.
* Voting policy – admin can initiate a voting phase unilaterally/ the majority of the members in the task need to agree to a voting phase.
* Whether or not that task is recurring and if so, how often, starting when, etc.

Notifications

Users in the group/task get notified for pending tasks/other custom notifications.

Extras

Cheeky thing – when the group has only 1 member, u got a task tracking application.

User Stories

Group Creation:

1. Invite people from your *friend list* (google contacts? Fro me maybe?) to the group
2. Set group properties.

Task Creation:

1. An admin of the group goes the the group screen, presses on "Create Task"
2. He fills in the task properties
3. He invites some members of the group to take part in this task
4. Once everyone has agreed to join the task, a voting phase starts

4.1) An admin can just start the voting phase whenever, leaving out all those who did not respond to the invite/rejected it.

Voting phase:

Every1 in the group gets notified that a **task** is in voting phase. Then they enter the application, get a list of all sub-tasks and are required to "vote" on how much they would like to perform each task (1-10 slider with nice colors, w/e). Then the app does the algorithm, and they can go in to the task tree and see the division that the app proposed (which is fair because it uses a proven algorithm).