Tree Paper Prototype

We were intrigued by the idea of creating a tree that visualizes the distribution of tasks in a household and thus the mental load associated with them. As one can see in the video demo, the layout allows the user to easily tick off a task which then gets registered as a flower on a branch of the tree corresponding to the task. Each main branch of the tree is a category and the smaller branches are the various available tasks. This visualization allows the users to potentially solve the need for appreciation for doing tasks and at the same time promote active participation and fairness in the distribution of tasks. The todo list also helps with the need of a digital helper in order to not forget tasks.

The second feature of this prototype is the mood tracking with the flowers in the bottom. The idea is that each member of the household is represented by a flower which is healthy when the mental state is good and slowly gets worse when the users' mental state worsens. This allows for other users to see problems in their cohabitants' mental state at a glance and motivates them to take action by for example taking care of some of their tasks. This solves the need for mood tracking and the need for a more dynamic task distribution by promoting taking the users time and energy (reflected in their mental state) into account. Moreover, it gives a hint, when users should talk to each other, thus promoting communication.

Needs solved:
Digital helper in order to not forget tasks
-> User can take a look at todo list

More acknowledgment and appreciation
-> Visualization shows who does how much in the different task domains

Mood tracking
-> Users' mental state reflected in flowers

More/earlier communication and Communicate with others when help needed
-> Flowers indicate when communication needed

All users should participate in order for it to work
-> playful design inviting for users

Planning/tracking app to compare time spent on household tasks / work without giving too much private information
-> almost no personal info required

More activities with flat mates
-> distribution in categories could get other users to organize more get-togethers in order to have a more balanced distribution of users across tasks

Paper Prototype

your tree is dying maybe create a muddle or help or must eat

ALL CARDS

Menu

mandate & photo

cards most important suggestions/...

add task

Concentration
Planning
Execution
Expectation

KITCHEN
BATHROOM
GARDEN
RELATIONSHIP
KIDS
HOUSE
ADMIN

User 1 User 3 User 4
User 2

Tree

size of leaves scales with done frequency

leave with color for person when task done

rots when mood in flat/household drops

cards for tasks

Today

menu for settings and getting to pages tree

swipe right/left to switch tab

statistics

household post

part questions

Task overview

User overview

User 1
User 2
User 3
User 4

if overwhelmed
take task

if not happy with party