

Chorescence App



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A08

Introduction

- Choresence is a web application for people who live with roommates, dormmates, or family members
- Streamline the process of assigning and managing chores and tasks for roommates and household members
- Create and manage groups
- Create, assign, or share tasks within groups
- Provide feedback on the tasks completed by fellow group members

Status Quo

- Many people live with roommates or family members
- Not uncommon for people living under the same roof to forget their responsibilities or neglect them
- Existing chore management applications offer little more than shared checklists
- Some of these services are pay-to-use and offer value outside of chore management
 - In turn, their design is not focused on task-sharing and user-group management



Observations

- An environment of little communication
- Lack of coordination with tasks
- Conflict between housemates
- Certain housemates ending up doing most of the work
- Chores/tasks not being completed on time or at all
- Overall poorer living experience



Story

- Confrontation is awkward and undesirable, especially between new roommates
- Close friends and family are easy to talk to, but it is even easier to waive responsibility when living with them
- In some cases, people would rather complain about it elsewhere than confront their housemates
- Some housemates ending up doing most of the work



Insight

- According to a survey by TaskRabbit, 78% of people “have had a fight over household chores in general”
 - Common fights: decluttering (41%), clearing the shower drain (30%), folding laundry (23%)
- There is a general increase in people living with roommates
 - 32% of American adults lived in a shared household in 2015 (vs. 29% in 1995)
 - More common in urban areas; almost ½ of LA adults live in doubled-up households
 - Result of delayed marriage rates, student debt, and housing inflation
 - May have been perpetuated by the 2008 recession
- Research on social dynamics in non-romantic cohabitation reveals that motivations behind roommate behavior often don't align with how they're perceived, due to differing perspectives

Analysis

- With the number of people sharing living spaces on the rise, there is a growing need for a possible solution
- Factors that led to an increase in the past, like the 2008 recession, may be in play again
- With more people living together, the amount of potential conflicts rises.
- Many would benefit from reducing or preventing conflict between roommates

Less Conflict



More Work Done



Better Living Conditions

Analysis

- No exact solution focused on solving these issues
- Existing housekeeping apps are less encompassing, often made for and marketed towards parents with children
- Issues with existing applications:
 - Insufficient task management capability
 - Lack moderation tools
 - Limited functionality
 - Do not facilitate communication between users



Today, a chore management app
focused on cleaning

Analogy

- More often than not, new college roommates are complete strangers to each other
- Through our platform, a group of new roommates create and join a group together, adjusting the settings and permissions as they see fit.
- They can set up a weekly room cleaning task and a garbage disposal task every 2 days, automatically assigning a group member to complete them
- The roommates may view the task history to see who completed previous tasks and provide feedback



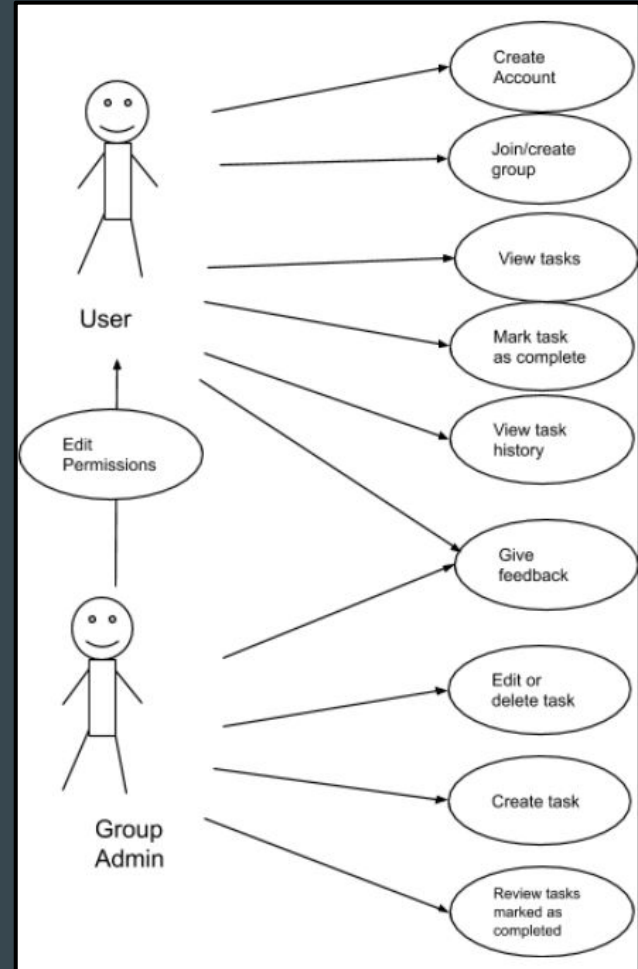
Solution - Design

- Our application seeks to benefit users by:
 - Giving users more options for task management
 - Providing the ability to create and moderate user groups
 - Allowing and encouraging users to provide feedback to each other
 - Connecting housemates together in the platform
- Give an greater overall sense of control for housemates



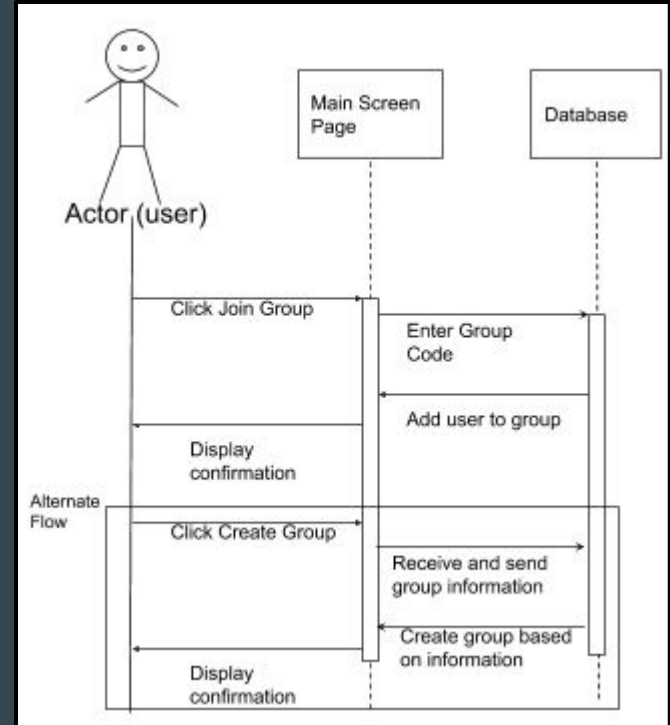
Overview - Use Cases

- Users register for an account using their email
 - Same account can be used for multiple groups
- Users create groups and adjust various settings
 - Group admins may edit the permissions of other users or appoint them as additional admins
- Admins and permitted users create and assign tasks to group members
 - Users may view completed and unresolved tasks, mark tasks as complete, and provide feedback on completed tasks



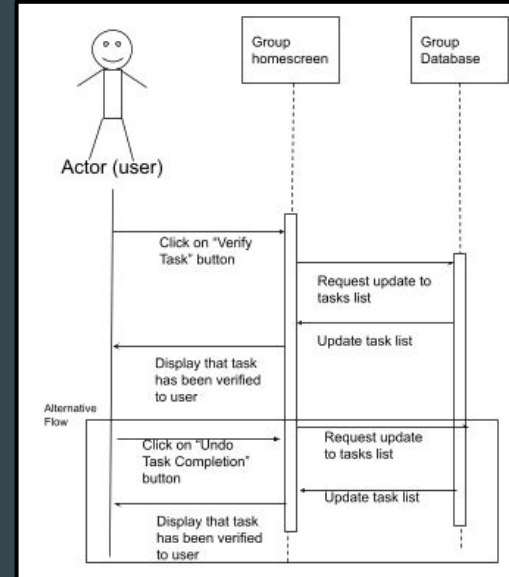
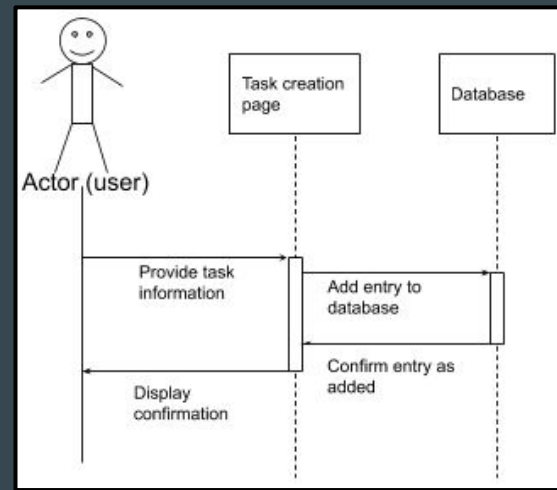
Group Creation and Moderation

- Users can create and administer groups for their housemates
- Others can join groups via invites
- Admins of group can set permissions enabling or preventing other people in the group to create/edit tasks, provide feedback, or invite others to the group
- Admins can appoint other users as admins



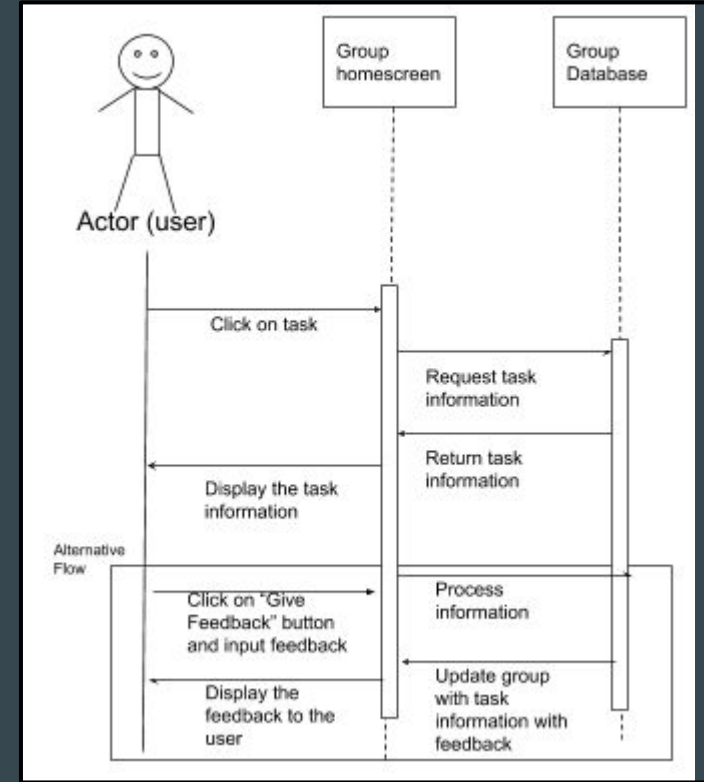
Task Creation and Management

- Depending on the group settings, task creation and editing may be limited to admins and some appointed users or available to all users within a group
- Tasks may be set to repeat periodically
- Tasks may be assigned to a user upon creation, automatically assigned to the user with the least recently complete tasks, or left unassigned
- Permitted users may notify fellow group members if...
 - They cannot complete a task assigned to them
 - A task has been incorrectly marked as complete



Task History and Feedback

- Users may view a list of previously completed tasks
 - Task name and description
 - Group member who completed it
 - Time and date it was completed
- Users may provide feedback on completed tasks
 - Rating out of 10
 - Type a comment
 - A few preset comments
- Depending on the settings and permissions set by group admins, feedback may be provided anonymously, and/or disabled partially or entirely



Advantage

- Untapped market for a user-centered shared tasklist service
- Many existing solutions are buy-to-use, while ours will be free with no restrictions for any user
- Customizable permissions for users (vs. having one administrator)
- By providing a way for people to give feedback, we facilitate communication and appreciation between users



Ethos

- We believe many people will benefit from and want to use a service like ours
- The current economic and social landscape may further increase demand
- We plan to have a completed prototype ready by June 2021
- With an established user base, we may look into expanding on our features and rebranding into a general shared task management platform, suitable for students, businesses, or teams of any kind

Post Implementation Review

- What we did right
 - Submitted all deliverables on schedule
 - All team members were equally involved throughout the process
 - Closely followed to guidelines in creating documentation
- What we did wrong
 - Errors in documentation
 - Completed most deliverables the day before the deadline, resulting in insufficient time to thoroughly review
 - Overlooked some use cases when creating system models

Post Implementation Review

- What we would change
 - Draft a more complete concept of the product earlier in the process
 - Complete documentation ahead of the deadline so we can review it more thoroughly
 - Confer with potential users to satisfy user requirements better

Questions and Answers

Thank you for listening.