Household Schedule Manager

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The Problem

Having a roommate can present many challenges when it comes to dividing up chores and responsibilities. On top of other responsibilities from your daily life such as school or bills, handling chores can add extra stress that is not needed. Some roommates tend to do more around the house than others, and this can cause tension in the household.

Our Solution

To avoid any type of stress when it comes to chores, our group has come up with the "Household Schedule Manager". With our web application, roommates can keep track of who does what around the house. Our app can assign, rate and even exchange chores. This way, there is no argument of who was supposed to do what around the house and eliminates any confusion or headaches.

Features

Users may create an account to interact with our website

Assign chores to household members

Rate chores completed by members

Trade chores with other members

Make deadlines for chores that need to be completed

Gantt Chart

Tasks	Date of Task Completion									
1. Product Requirements	■	■	■							
2. Conceptual Design		■	■	■						
3. Prototype		■	■	■						
4. Functional Specification			■	■	■					
5. Project Plan and Schedule			■	■	■					
6. Design Specification					■	■	■	■		
7. Test Plan					■	■	■	■		
8. User Guide/ Release Notes					■	■	■	■	■	■
9. Implementation					■	■	■	■	■	■
10. Build and Deploy Script								■	■	■
	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2
	March				April				May	

Brochure

Household Schedule Manager

Problem Statement: Living with other people can create issues when it comes to splitting up the chores. Some roomates tend to forget or ignore them altogether. This can cause tension in the household, and make your living situation more difficult than it has to be. Instead of trying to manage everything using a whiteboard or through group text, the Household Schedule Manager provides a streamlined experience and removes the ambiguity. Using our web application will ensure that each person does their share of work in a timely manner.

Product Objective: To simplify the task assignments for everyone living under the same household.

Product Features:
1. Create accounts/login/logout
2. Rate chores done by other users
3. Add or remove chores
4. Ability to trade chores
5. Can randomize chores
6. Chore notification

It was my turn for trash? I thought we had butlers for that.

What's the point of cleaning up the kitchen? It all decomposes anyways.

Website Demonstration

https://cmpe131-clippers.herokuapp.com/

Household Schedule Manager

by Arslan Idrees, Harmander Sihra, Jared Cook, and Vincent Van

Do you have roommates?

Living with other people can cause issues when it comes to splitting up work done around the house. Some roomates tend to forget to split up household chores or ignore them altogether. This can cause tension in the household, and make your living situation more difficult than it has to be. Instead of trying to manage everything using a whiteboard or through group text, the Household Schedule Manager provides a streamlined experience and removes ambiguity. Using our web application will insure that each member of the houeshold does their share of work in a timely manner

Features such as:

- Multiple member sign in with random assignment of chores
- Chore deadlines to make sure tasks are completed
- Easy to use interface which will let you add chores and members on the fly
- Rating each chore that your roomate has done
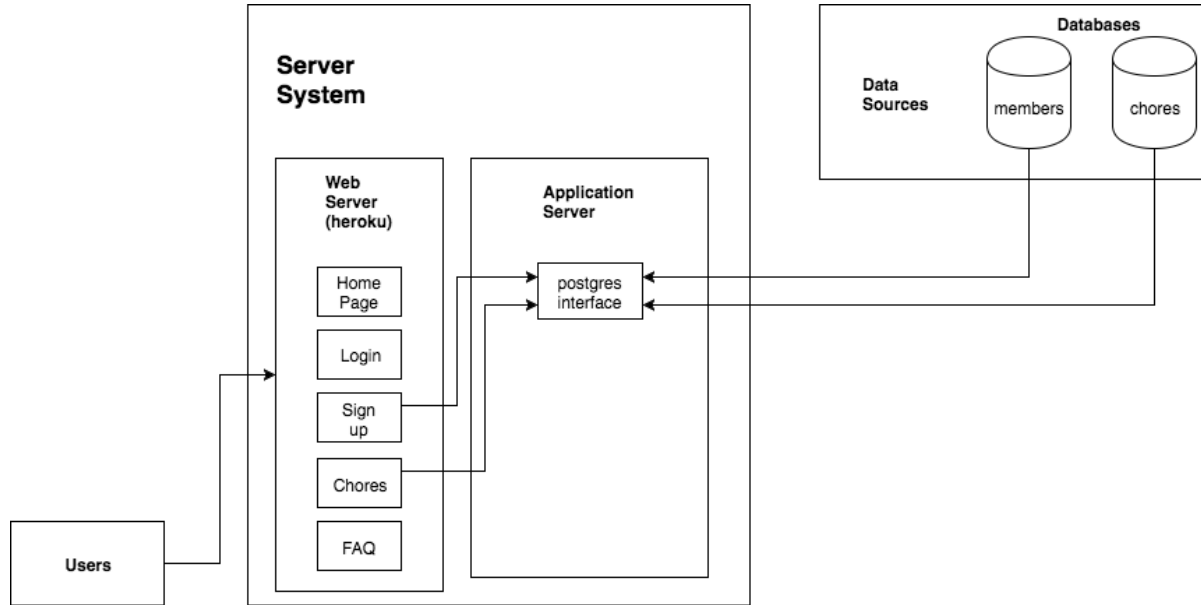
Name: Vincent

Password: woo

Chores

vacuuming

Mowing the Lawn

Edit | Back

Major Modules

- User Creation

    - Before a users are able to add chores to their list they must create an account or login.

- Chore Creation

    - Users are able to create chores relative to their specific household needs.

    - They will then be able to assign chores directly or have the shuffled in a lottery fashion.

    - If users do not like their assigned chores they are given the option to switch with other users, however for a switch to take place both users must agree.

    - Once a user finishes their chore they should mark it as complete.

        - This allows other users the opportunity to rate your quality of work on a pass fail system.

        - If more than one user fails your work you will be re-assigned that same task with another for unsatisfactory work.

- Frequently asked questions (FAQ)

    - We have a page for frequently asked questions in order to try and keep users satisfied in the most timely manner possible.

Architecture Diagram

Household Scheduler Use Case

Name: Often in living situations with roommates the the first arising conflict is over chores. And who is actually accomplishing them.

Goal: Provide a means to track who is completing chores and allow roommates a means to rate chores completed by other users.

Summary: Often when roommates are left to their own devices chores end up piling up or a minority of the roommates are left cleaning up after the majority. This can cause major tensions and ruin relationships. Our goal is to help remedy this in a manner where friends who decided to room together can do so in a clean and friendly manner.

Actors: Members of any household (family, roommates, small business)

Household Scheduler Use Case, cont'd

Preconditions

    The users have a home or space that needs to be maintained

    All users must have access to a computer or cellphone with internet access

Primary trigger

    User input for manipulating the chores

        Chose whether to shuffle randomly

        Assign chores to specific members

Household Scheduler Use Case, cont'd

Primary Sequence

1. User creates an account

2. User logs into their new account

3. Creates a list of chores with others in their group

4. Users directly assign chores to each other or allow the program to assign them at random

5. Users must complete their chores in a timely manner (Can set due date in program)

6. Go online and mark chores as complete

7. Other users should go online and rate the jobs of their housemates.