

Title: House Manager

Problem: Managing rent, utilities and other house-related expenses can be difficult, especially when living with a group of people. A simple way to keep track of monthly expenses and how much each member of the house owes, will decrease the hassle of paying the bills and managing a house. Additionally, keeping track of when rent payments and bills are due is a cognitively taxing responsibility that can be easily forgotten, leading to late payments or worse.

The Solution: The House Manager website works seamlessly with the user's monthly bills. It provides a platform for receiving bills, communicating debt between housemates, managing personal expenses, and sending reminders about bills and rent. Through sms, email, and social networking, our app notifies users at their convenience. We will also strive to create an interface for users to pay off their debts as easily as possible (i.e. with credit cards or debit cards).

Features:

- Basic Features:
 - HTML5
 - Javascript, Ajax, jQuery
 - Github
 - Mobile/Desktop Interface
 - Facebook API, Twitter API
 - Usage of server-side technology.
- Special Features:
 - Send emails/SMS using SendGrid API
 - Reporting with charts/graphs
 - Server-side data persistence
 - Front-end framework
 - Geolocation

Data Used:

- Name, phone number, and email address of each person in the house
- Relevant Facebook information for API usage
- Numerical data associated with each bill
- Credit card numbers

Special Algorithms

- None

Wireframe Mockups:

House Manager

← → ↻ http://www.housemanager.com

House Manager

Manage your expenses with ease

Log In: ?

Username/House Name

Username

Password

Password

Login

Create a House Account

Find An ATM

House Manager

← → ↻ http://www.housemanager.com

111 Street Rd

Rent Due on 3/31/14: \$600

Utilities	Bill Amount	Due By
Electric Bill:	\$50	3/31/14
Water Bill:	\$40	3/31/14
Internet Bill:	\$25	4/15/14
TV Bill:	\$15	4/15/14
Total Utilities:	\$130	

Persons (5)Payments

House Members

Add a Person

Firstname	Lastname	Email	
Abby	Adams	abby@anywhere.com	Edit Your Account ✕
Barbara	Bradley	barbara@anywhere.com	✕
Cassie	Cohen	cassie@anywhere.com	✕
Dana	Donnelly	dana@anywhere.com	✕
Edith	Eastman	edith@anywhere.com	✕

