Group'd:
A Mobile To-Do List App for Groups
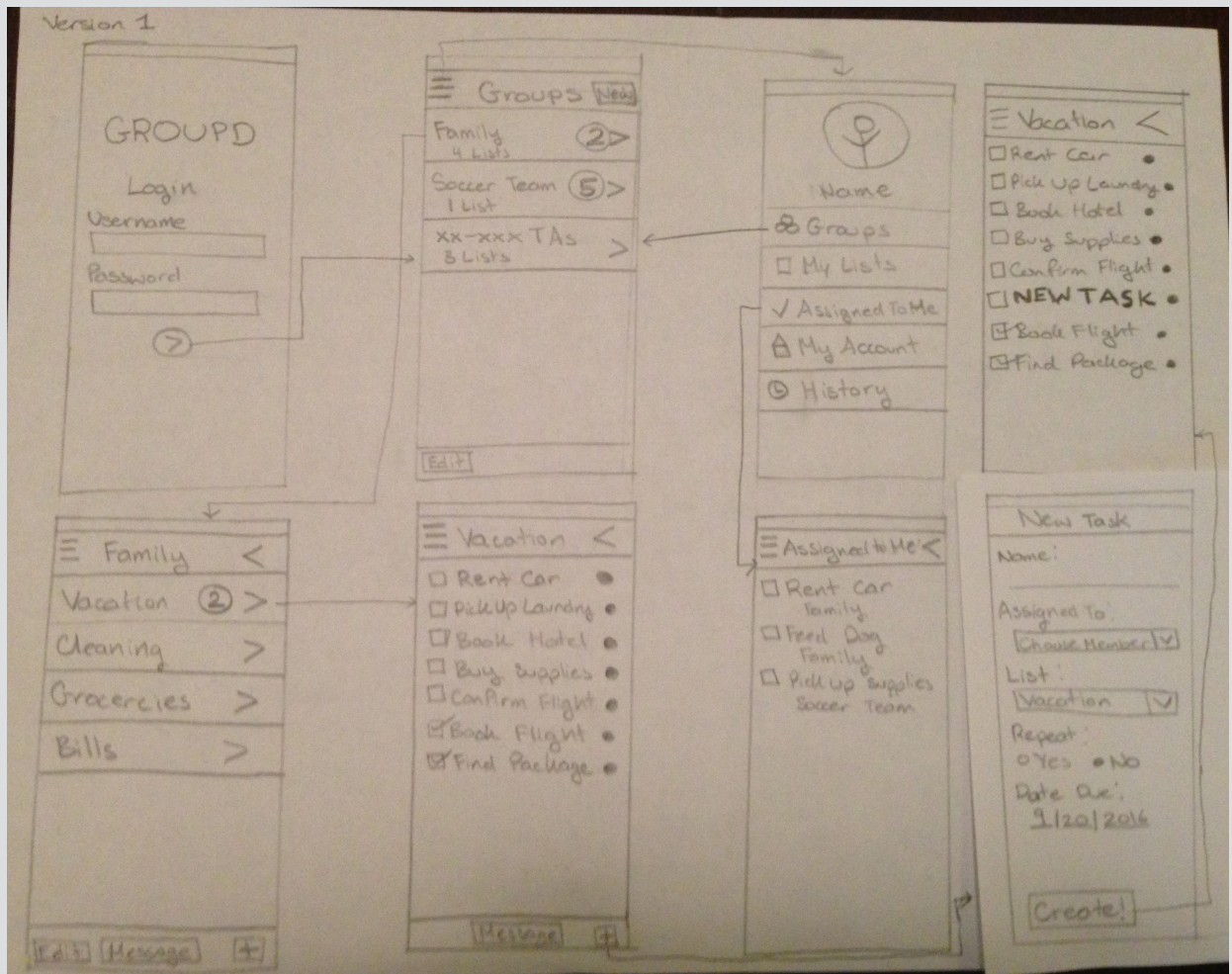
Process Work
Nila Banerjee
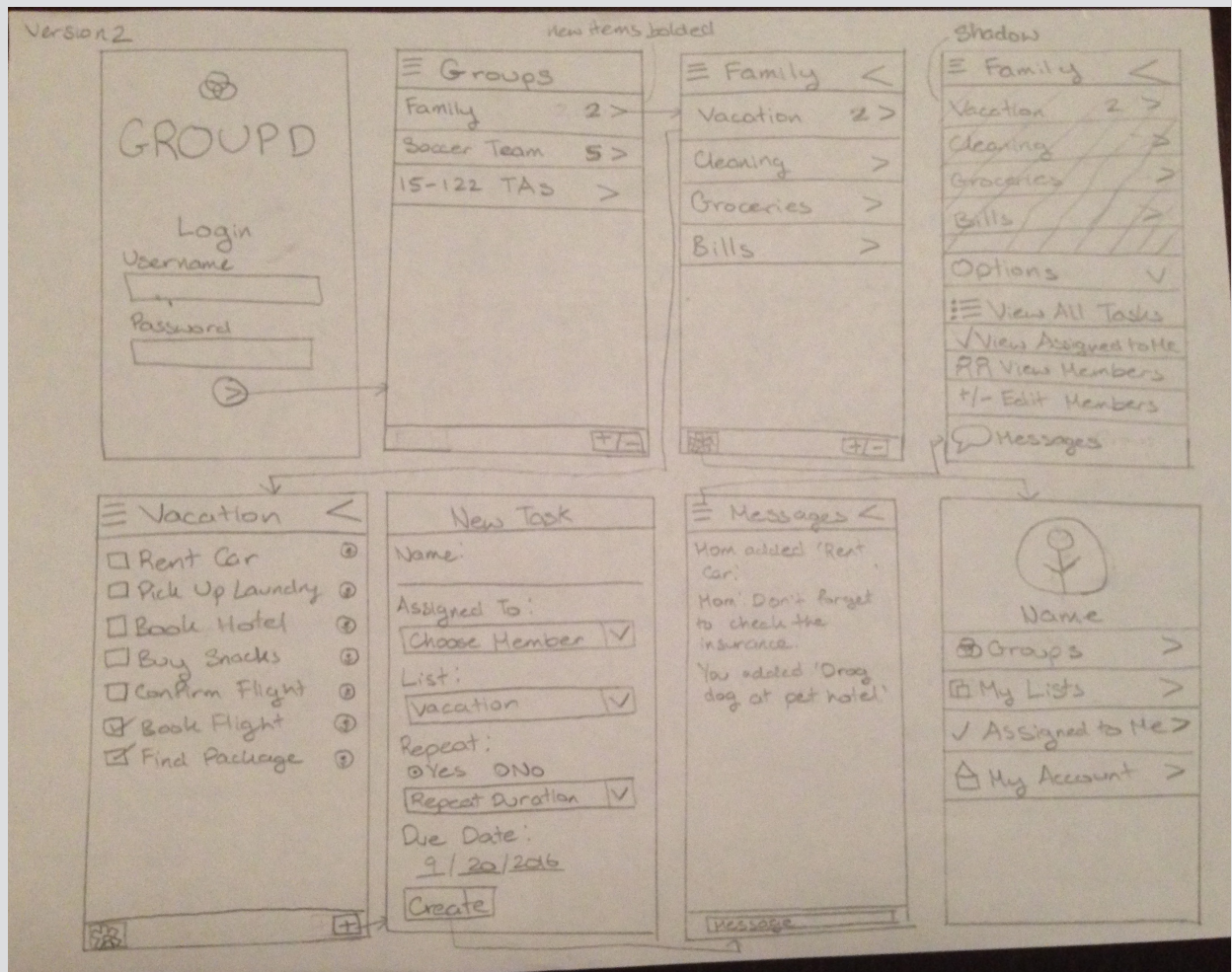Programming Usable Interfaces
Fall 2016

Paper Prototyping

Round 1

The assignment was to create an app that allows the user to create and join groups within which to-do lists can be formed and shared. I first began with a very basic paper prototype, which was refined after rounds of user testing.
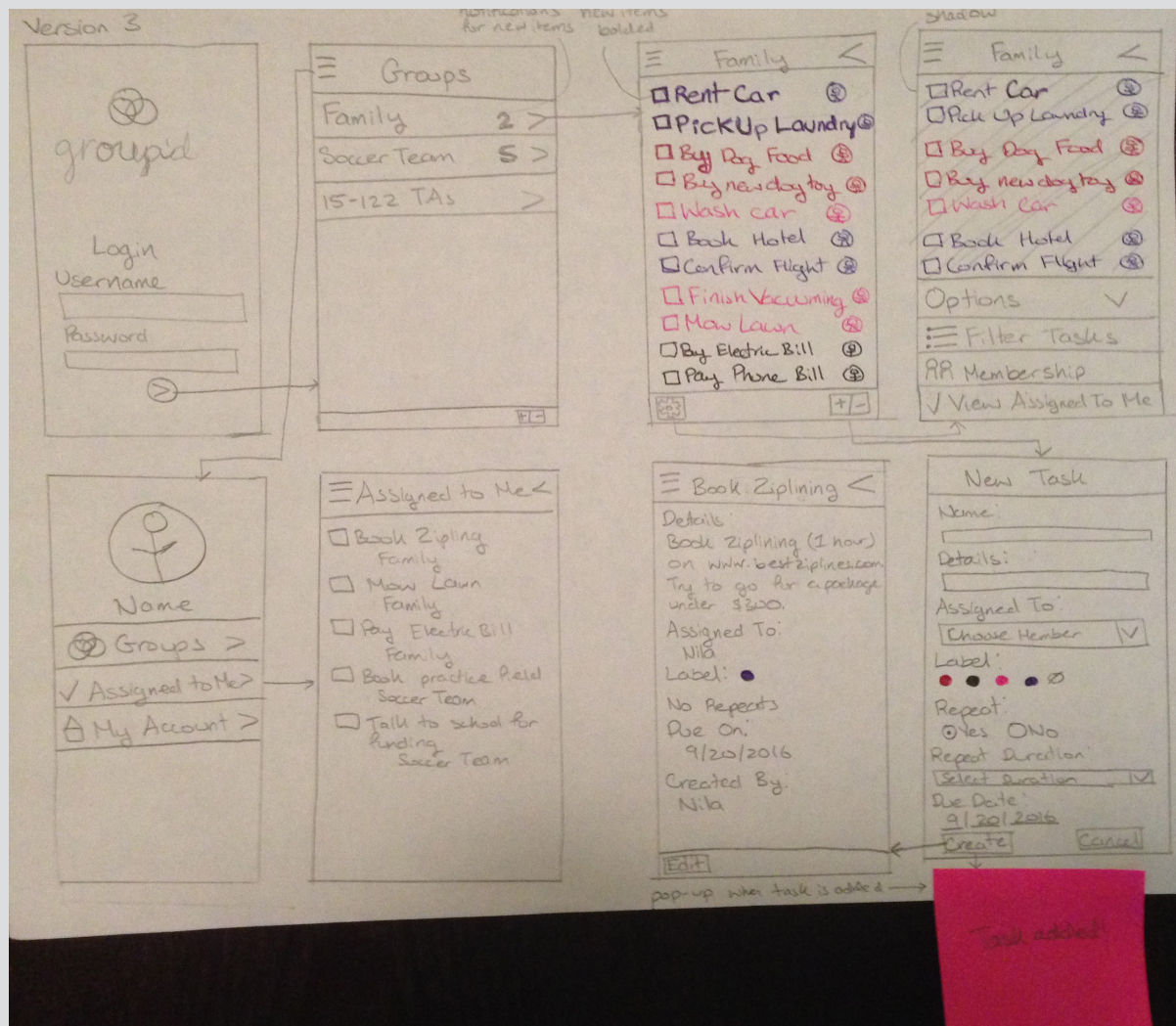
Round 2

During this assignment, I gained a strong appreciation for user testing and iteration. Had it not been for my users, I would have missed out on several key insights that, when incorporated, definitely improved my system.

Paper Prototyping

Round 3

One of my users explained that he did not think an in-app messaging functionality was very useful, since he did not feel the need for a log of groups' history, but expressed an interest in a task description feature. Based on his comments, I eliminated the messaging component of my prototype and instead added the ability to add details to a task.

Prototyping with Sketch

Next, I began to transform my hand-drawn designs into a Sketch mock-up the app, focusing on the most commonly used screens. I used these screens to create an InVision workflow the typical user may follow.

Group'd

Username

Password

Group'd

Nila Banerjee

Groups

Assigned To Me

Account Settings

Groups

Family   2 >

Soccer Team   5 >

15-122 TAs   >

Edit

Prototyping with Sketch

InVision Workflow

Groups

Family	(2)	>
Soccer Team	(5)	>
15-122 TAs		>

Edit

Group'd

Nila Banerjee

Groups

Assigned To Me

Account Settings

Family <

- ☐ **Rent Car**
- ☐ **Pick Up Laundry**
- ☐ Buy Dog Food
- ☐ Buy Dog Toy
- ☐ Wash Car
- ☐ Book Hotel
- ☐ Confirm Flight
- ☐ Finish Vaccumming
- ☐ Mow Lawn
- ☐ Pay Electric Bill

Menu   New

Family <

- ☐ **Rent Car**
- ☐ **Pick Up Laundry**
- ☐ Buy Dog Food
- ☐ Buy Dog Toy
- ☐ Wash Car
- ☐ Book Hotel
- ☐ Confirm Flight

Menu   ∨

Filter Tasks

Membership

View Assigned To Me

New Task   Cancel

Name:

Details:

Name:

Choose Member ▼

Label:

Repeat ⬤

Repeat Duration:

Choose Duration ▼

Create Task

Visit My InVision Here:
https://invis.io/C78R3WEJW
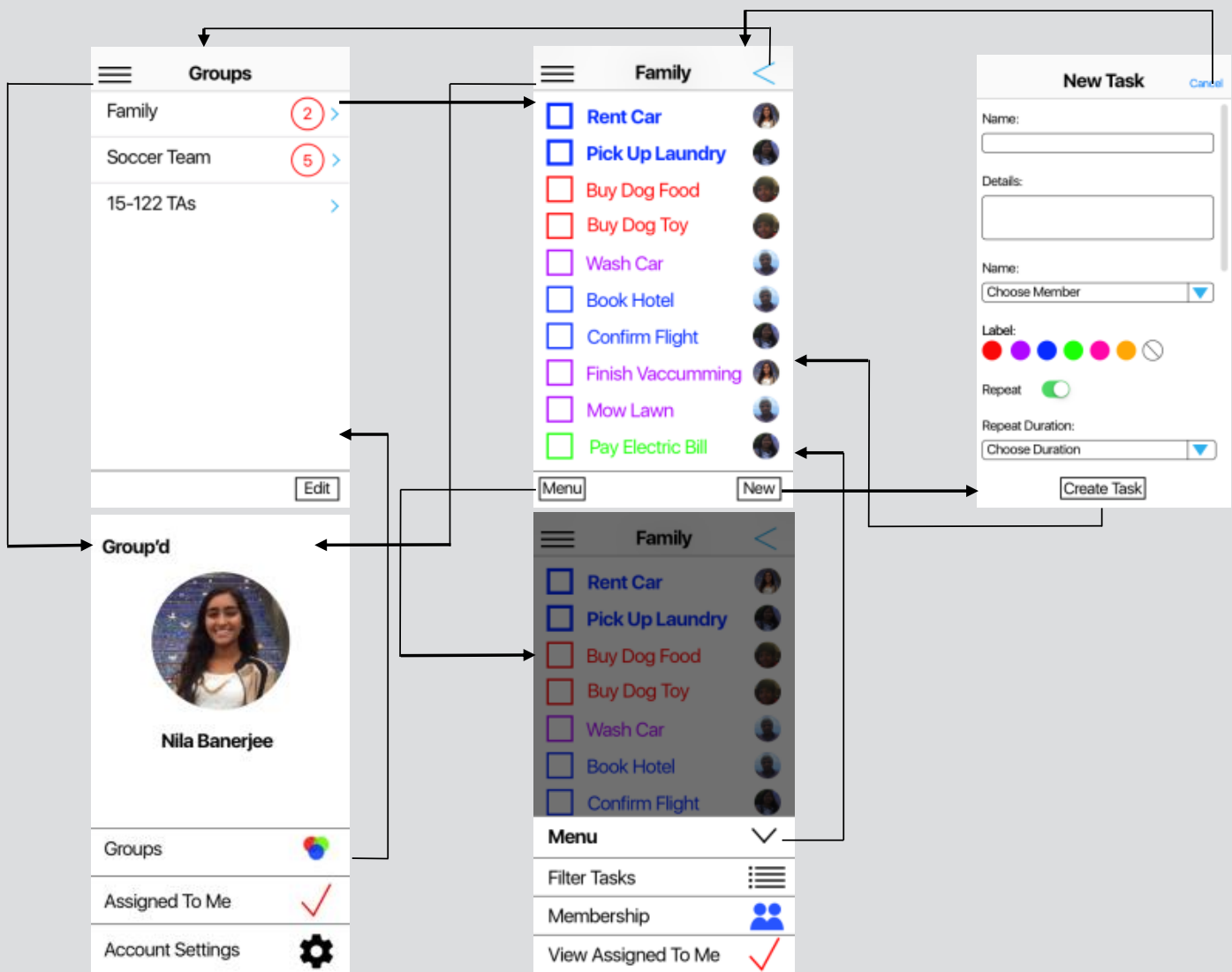
Web Protoyping

My first time combining HTML, CSS, & Javascript

My current version of the app allows for tasks with details to be added and assigned to lists and family members. The lists underneath are dynamically updated as tasks are submitted. Clicking on a task marks it as completed, so it is greyed out; clicking again brings it back to its original state. This was my first time working in web development and I hope to further develop my app soon. Stay tuned for future iterations!

To Be Continued...