Eve Phelps, Huiyi Ruan, Lily Wu, Kelly Hung
CIS 350 001
February 11th, 2018
User Stories - Iteration 1

**Project:** app that lets you input recurring utilities bills and due dates (or perhaps scans email for utility bills) and lets you input who to split the bill amongst. On the due date, the app could then either charge those people (using some payments API - SquareCash, PayPal) or notify them (email, SMS, messenger) of who to pay and how much.

**User Story #0: Welcome page.** As a user, when I launch the app, I should see a welcome page, and I should be able to press on an 'Enter' button to get to the login page.

**User Story #1: Log in.** As a user, I should be able to login to my account by inputting my username (my email address) and my password. If the username does not match an existing one, I should be directed to a sign up page. If the password is not correct, then both the username and password fields should be wiped, and a pop up will tell me to try again.

**User Story #2: Sign up.** I should be able to register for an account by inputting my email and desired password. If the inputted email address is already associated with an existing account, then I should be told this. Upon successful sign up, I should be re-directed to the login page (see user story #1).

**User Story #3: Landing page after successful log in.** After successfully logging in, I should see a page where I have the option to create a new group, go see my existing groups, or join an existing group.

**User Story #4: Create group.** As a user on the group creation page, by entering in the email addresses of people I want to add to a group, I should be able to create a group (with a name) and send out invites to these people. I should also be able to set permissions for invitees.

**User story #5: List of groups.** As a user with an account on the app, I should be able to see a list of the current groups I'm in and be able to select any one of them to see more information.

**User story #6: Join group.** As a user on the landing page of the app, I should have the option to join a group by entering a code that matches with the group I want to join. Once I enter the code, this group is now on my list of active groups.

**User story #7: See bills.** As a user on my group's landing page, I should be able to see any and all upcoming utilities bills with due dates. There should also be a button to add/change charges. For each bill, I should be able to change reminder times.

**User Story #8: Bill page.** As a user in a group, I should be able to add a bill for the group. I should be able to select the members of the group who will be charged for that bill (either with an equal split or a specified split), input the bill's due date, and write a description for the bill.

**User Story #9: Edit bill.** As a user in a group, I should be able to edit an existing bill record. I can edit the due date, the specified cost split among roommates, and the description for the bill. All users will be notified via email if I make an edit.

**User Story #10: Leave group.** As a user in a group, I should be able to leave that group. If I am the last member to exit the group, the group is deleted/removed from the app.

**User Story #11: Delete group.** As a user in a group, I should have the option to delete the group if I was assigned the corresponding permission (see user story #4). The group will then disappear from my list of active groups, as well as the list of active groups for all the other members.

**User story #12: Weekly email notification.** As a user, I should receive weekly email notifications about upcoming bills. Each notification includes the amounts of bills, descriptions, and due dates.

**User story #13: Payment confirmation button.** As a user, I should press a confirmation button to confirm that I have paid for a given bill.

**User Story #14: Last call notification.** As a user, if I have not yet pressed the confirmation button by the bill's due date (see user story #13), I should receive another email notification to alert me that I have a bill due today.