

project treatment

# summary

In order to demonstrate a clear understanding, skill, and proficiency in the principles of production, design, and development we will go through these phases.

During the first phase of the production process we will produce requirements, a project plan and will present our vision of the project to you for review.

After gathering your feedback on said vision we will proceed with research, strategy, and keep in close contact so that we can continue refining the project together.

The information architecture, user experience, and required assets will be determined in the Design phase. Functionality, look and feel and workflow will be optimized with user-centered design principles in mind.

Data modeling, functionality, design integration, and testing will be achieved during the Development phase. This is the step where we build the project, integrate designs, and test our final product with real users before we officially launch and deploy our marketing strategy.



# timeline

## **Discovery**

- February 28th to March 4th

## **Production:**

- March 7th to March 17th

## **Design:**

- March 18th to March 23rd

## **Development:**

- March 24th to April 20th

## **Testing:**

- April 21st to May 4th (including Spring break)



# budget estimate

(because time is money)

PHASES	ESTIMATED FEES
Discovery	\$1,440.00
Project Management	\$1,600.00
Information Architecture & Concept	\$4,400.00
User Experience & Branding	\$3,300.00
UML Data Modeling	\$220.00
Server-side Business Logic	\$8,800.00
Client-side Business Logic	\$8,800.00
Testing	\$4,400.00
Marketing & Campaign	\$3,520.00
	<b>\$36,480.00</b>

Each phase will be billed after it is completed. A fully functional version of the project will be available to the client at the end of each phase.



# technologies

## Server-side:

Ruby v1.9.2

Rails v3.0.5

- Haml: Prettier HTML
- Sass: CSS on steroids (functions & variables)
- Compass: Cross browser CSS framework
- Formtastic: Semantic and accessible forms

## Client-side:

HTML5 localStorage with graceful degradation

JavaScript Goodies

- DateJS: automatic text input to formatted date
- CoffeeScript: Object oriented JS library
- Backbone.js: a simple MVC JS framework
- jQuery v1.5
- AmplifyJS: a perfect cross-platform solution even without HTML localStorage

## Hosting:

Source Code: Github

Deployment: Heroku



# the problem

## Why do we need an application?

- To split rent & pay it on time
- To split utilities & pay them on time
- To split bills & pay them on time
- To split groceries and other expenses
- To assign tedious tasks fairly
- To keep up with small personal loans to other roomies
- To be reminded to pay bills
- To be reminded to do tasks
- To be reminded to pay someone back
- To be reminded of a roomie's events or your own
- To be able to find roomies with similar interests
- To search for roomies and filter by location, age, gender, and/or feedback
- To know who is in your area and looking for a roomie
- To know who is trustworthy or who hasn't proven themselves to be yet



# concept one

(the good one)

## **Expense & Task management**

- Split rent & pay it on time
- Split utilities & pay them on time
- Split bills & pay them on time
- Split groceries & other expenses
- Assign tedious tasks fairly among roomies
- Keep up with small personal loans to other roomies

## **Notifications & Reminders**

- Be reminded to pay a bill
- Be reminded to do tasks
- Be reminded to pay someone back
- Be reminded of a roomie's events or your own

## **Achievement System**

- Get rewarded for being a good roomie



# concept two

(the good one with a goatee and an evil smirk)

## Finding Roomies

- Find roomies with similar interests
- Find people in your area looking for roomies
- Find trustworthy roomies
- Spot potentially untrustworthy roomies
- Filter a roomie search by location, age, gender, feedback

## Feedback System

- Leave feedback on past roomies

## Messaging

- Leave notes for your roomies





# contact us

If you need to contact us regarding this document, any other questions you might have, or if you just want to chat, **Zachary Nicoll** and **Olivier Lacan** will be glad to help you if you send us a note at :

[contact@clevercode.net](mailto:contact@clevercode.net)

This email address is checked twice a day, at 1pm & 6pm. So please bear with us if you don't receive an answer right away.

In case of emergency you can call us directly at :

407.243.8073

