

Shuang Liu

I certify that the work included in this portfolio is my own original work. Work included which was conducted as part of a team or other group is indicated and attributed as such - the other team members are named and a true description of my role in the project is included.

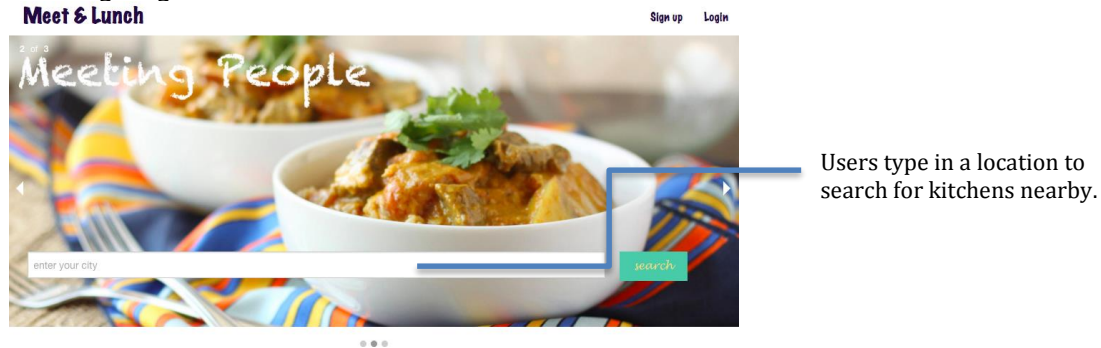
Web Applications Design

MEET AND LUNCH | A Ruby on Rails web application for lunch sharing and networking

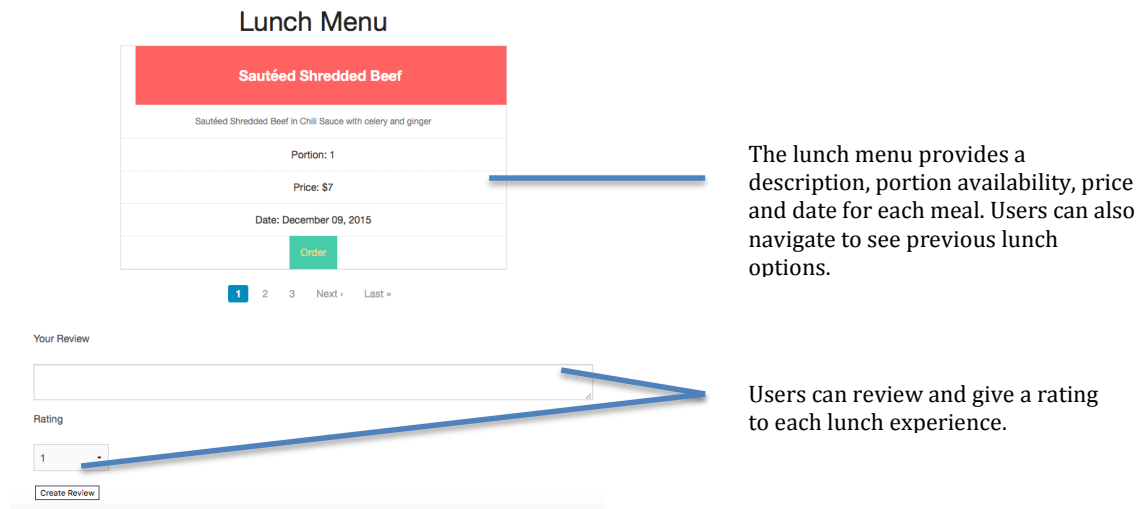
Challenge

For professionals new to a city, they may have limited lunch options at work and a lack of quality networking. This is where Meet & Lunch comes in. People can cook extra portions for lunch and post their available meals on Meet & Lunch. Other individuals who are tired of restaurants near their office can order a homemade lunch. Meet & Lunch presents a natural way to meet other professionals. Homemade food brings people together.

Landing Page



Kitchen Page



Chef's Profile Page

The screenshot shows a profile page for 'mary'. At the top, there's a header 'mary's profile'. Below it, there are three tabs: 'My Reviews', 'My Orders', and 'My Meals'. Under 'My Reviews', there are two review entries. The first is for 'Mon Petit Café' dated October 17, 2014, with a positive review. The second is for 'Seafood Party' dated October 16, 2014, with a positive review. To the left of the reviews, there's a profile picture of a chef's hat and a bio: 'I am a freelance illustrator, currently contracted with Times Games, focusing on designing mobile games.' Below the bio is a link 'Mary's Irish Cuisine'. A blue line points from the 'My Reviews' tab to the text 'Each chef's review history, order history and meals s/he has ever provided.' Another blue line points from the 'My Orders' and 'My Meals' tabs to the text 'Each chef shows his/her profession and interests and a link to the kitchen page.'

mary's profile

My Reviews My Orders My Meals

Mon Petit Café

I am always a big crepe fan. Pierre's food reminds me of the good old days when I was an exchange student in Paris. I also really enjoyed listening to Pierre talk about marketing strategies.

October 17, 2014

Seafood Party

Yummy seafood. Kate is a data science expert and a real chef.

October 16, 2014

mary edit

I am a freelance illustrator, currently contracted with Times Games, focusing on designing mobile games.

Mary's Irish Cuisine

Each chef's review history, order history and meals s/he has ever provided.

Each chef shows his/her profession and interests and a link to the kitchen page.

MONOLOG | A Ruby on Sinatra web application for mood tracking and expressive writing

Challenge

People in need of clinical services often reported a lack of support outside of counseling sessions. Inspired by Dr. James Pennebaker's *Writing to Heal*, I developed *Monolog* to offer support for people with mood disorders. Monolog keeps track of users' emotional upheavals.

Mood Recording Page

The screenshot shows the 'Monolog' mood recording page. At the top, there's a header 'Monolog' with a blue square icon. To the right, there's a button 'Mood Analyzer'. Below the header, there's a text input field with the text 'One of my heels broke on my way to work. A stranger gave me a ride. I always feel very grateful to run into nice people.' To the right of the input field, there's a label 'I am feeling' followed by two buttons: 'positive' and 'negative'. Below the input field, there's a red button 'Good Moments In My Life'. Below the red button, there's a list of entries. The first entry is dated 'Oct 21, 2014 04:32pm' and has the text 'Bad days are here'. The second entry is dated 'Oct 11, 2014 04:32pm' and has the text 'The weather makes me feel depressed'. A blue line points from the 'Mood Analyzer' button to the text 'Mood Analyzer' button redirects users to the mood analysis page.' Another blue line points from the 'positive' button to the text 'Press this button to only show entries of good events. Negative memories tend to stay longer than positive ones. This functionality is to remind people of good memories.'

Monolog

Mood Analyzer

One of my heels broke on my way to work. A stranger gave me a ride. I always feel very grateful to run into nice people.

I am feeling positive negative

Good Moments In My Life

Oct 21, 2014 04:32pm

Bad days are here

Oct 11, 2014 04:32pm

The weather makes me feel depressed

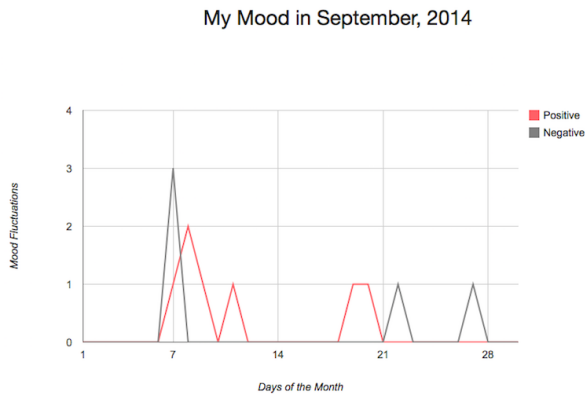
'Mood Analyzer' button redirects users to the mood analysis page.

Users write down their feelings and mark each entry as 'positive' or 'negative'.

Press this button to only show entries of good events. Negative memories tend to stay longer than positive ones. This functionality is to remind people of good memories.

Monolog

Year View	Next Month	Previous Month
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MYTOPIA | A Ruby on Rails web application for neighborhood reviews

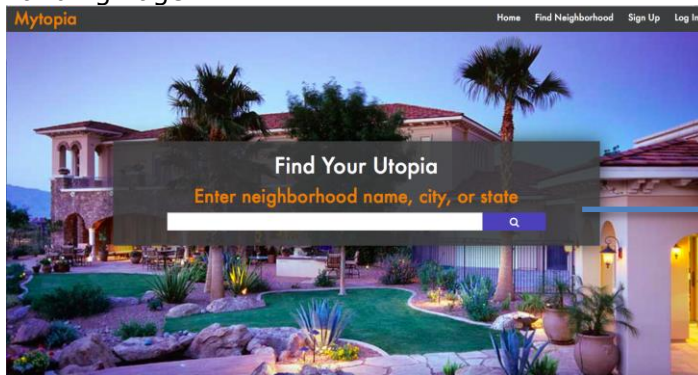
Challenge

Apartment hunting is hard, especially for people who have newly moved to a big urban city. Mytopia is the Yelp for rental hunting, where city-dwellers post photos, reviews and ratings of their neighborhoods. Newcomers can use Mytopia for guidance in their housing search. Mytopia also pulls data from Zillow to keep demographic data up-to-date.

Collaborators: Spencer Dixon, Nicholas McLaughlin, and Paul Brescia

My role: I shared the responsibilities for front-end and back-end development and design, created unit tests, and deployed the app on Heroku.

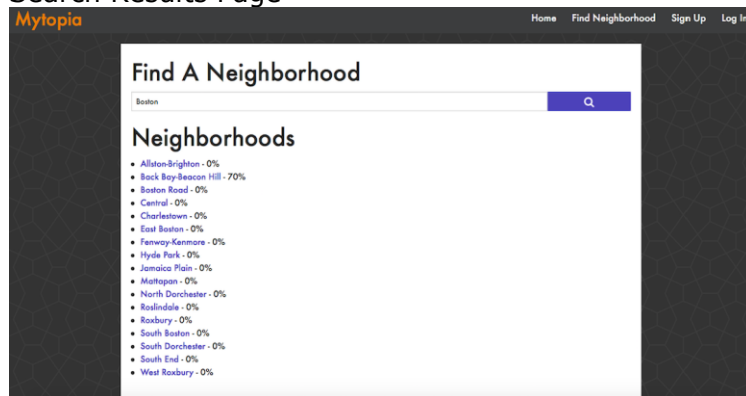
Landing Page



Users login to post photos and reviews.

Users can enter a neighborhood name to search for specific information, or use city or state to look up neighborhoods in a region.

Search Results Page



On the research results page, users get a list of all neighborhoods and their ratings in the targeted region, which gives users a general idea of each neighborhood.

Neighborhood Page



Demographic data for the neighborhood

Locals can submit photos of the neighborhood. Photo submission is monitored by admins to avoid inappropriate images.

Overall score for the neighborhood

Users can upvote or downvote each review and leave comments on the review.

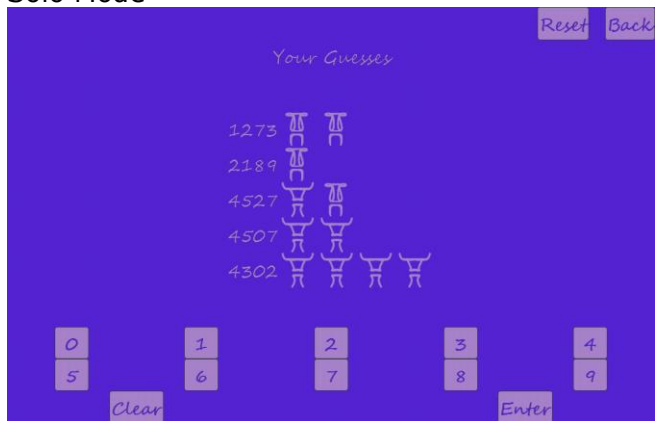
Mobile Game Design

BULLS AND COWS PUZZLE (available on Google Play Store)

Bulls and cows is a classic code-breaking game. For this android application, we implemented three modes of play. Players can play solo, play against an AI or let the AI solve the players' puzzles.

My role: UX design, UI and graphic design, typography, game logic and AI (python)
Collaborator: Brendan Lundy

Solo Mode



Fine Arts

SURVEILLANCE, oil on panel



THE PAINTER, SELF-PORTRAIT AND AUDIENCE TRIPTYCH, oil on panel



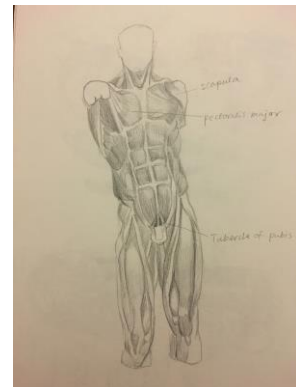
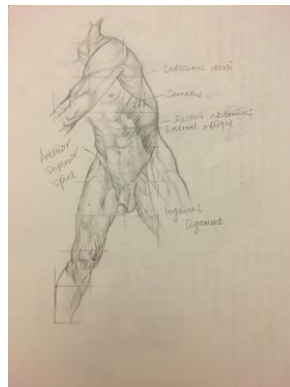
GIRL WEARING A RED SCARF, oil on panel

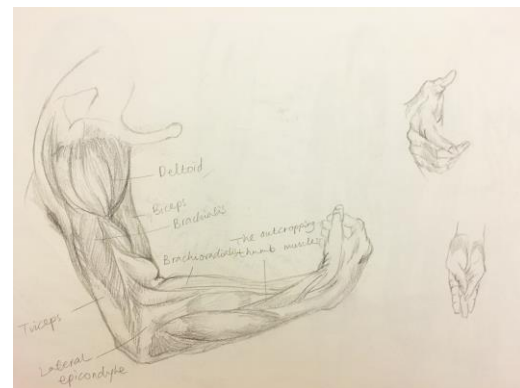
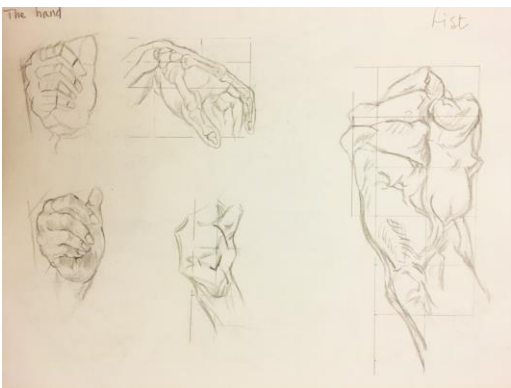
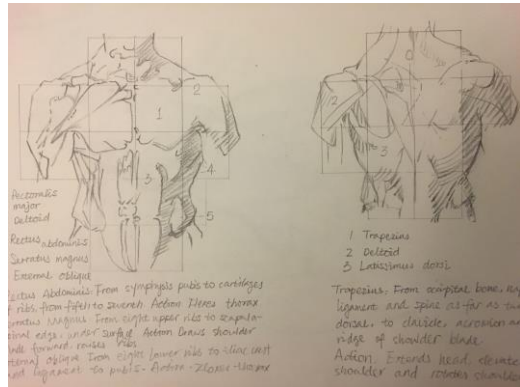


PORTRAITS, charcoal on paper



ANATOMY STUDIES





CERAMICS

