CSC 642 HCI Summer 2018
Initial Design
Team 11

GatorEats

Discover on-campus food with a seamless app for the busy, budgeting student. An SFSU yelp focused on getting food fast and generating business.

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Due: 06/26/2018

Revision	Date
1.0	06/26/2018
1.1	

Functions:

(P1) Food Filter - User provides information to accurately search for food. There are four main search functions of the filter.
- (P1) Categories - Example: Drinks, Sandwiches, Burritos, etc.
- (P1) Price - User provided price. There is also an option to select "any budget."
- (P1) Location - User provided location. Google Maps API integration.
- (P2) Search Bar - Takes a user provided string and searches relevant product data fields. Categories, Price, and Location can all be searched.

(P1) Product Webpages - Each product will have a webpage with various attributes.
- (P1) Image of Product
- (P1) Name of Product
- (P1) Name of Vendor
- (P1) Categories
- (P1) Price
- (P1) Ingredients
- (P2) Favorites - number of favorites.
- (P3) Rating - average rating and number of ratings.
- (P3) Comments

(P1) Vendor Webpages - Each vendor will have a webpage with various attributes.
- (P1) Image of Vendor
- (P1) Name of Vendor
- (P1) Sold Categories
- (P1) Product List or Menu
- (P1) Credit or Debit Usage
- (P1) Health Score
- (P2) Favorites - number of favorites.
- (P3) Rating - average rating and number of ratings.
- (P3) Comments

(P2) User Account - Users may create an account which gives them greater personalization.
- (P2) Notifications - Users may be notified about new products and price changes from their favorites.
- (P2) Favorites - Save vendors or products for easy review.
- (P3) Ratings - Rate vendors or products.
- (P3) Comments - Provide feedback to help businesses identify what works and what doesn't.

- (P3) Saving Filter Settings - Saving price, categories, and locations for a recommendations page.
- (P2) Administrative Account - Users can be upgraded to Admins. Admins will regulate the app and its users.
  - (P2) Comment deletion - removing unnecessary or harmful comments.
  - (P2) User suspension - removing or harmful users.
  - (P2) Page management - handling pages by editing name, price, and etc.
- (P1) Vendor Account - Users can be upgraded to Vendors. Vendors will be able to input and edit their own product pages
  - (P1) Page management - handling pages by editing name, price, and etc.

Storyboards:

Kyle is a SFSU student and eats lunch on campus most days of the week. He opens the GatorEats application on his phone and registers. He can then log in immediately. After signing in, he enters in his desired budget into the search bar. He can browse a list of items that are available on campus that are equal to or less than his budget. He can also set filters for his search,and can also change his selected budget if he wants to get more food. As he chooses items, the price is deducted from his budget. Once he sees what he wants, he goes to the location the app shows to purchase the items.
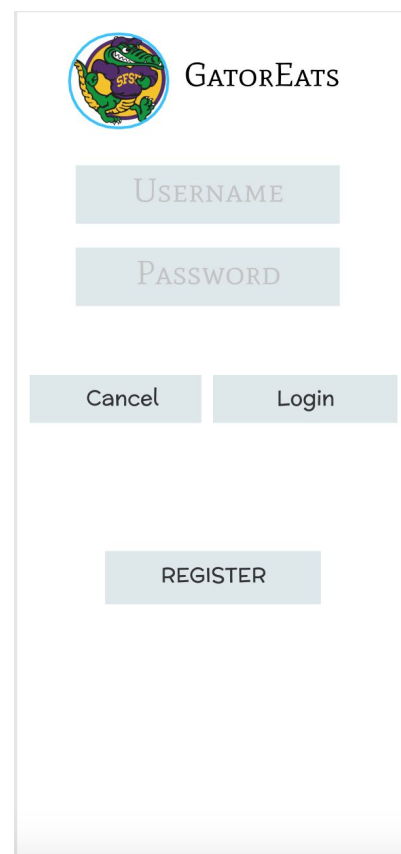
GATOREATS

REGISTRATION

FIRST NAME

LAST NAME

USERNAME

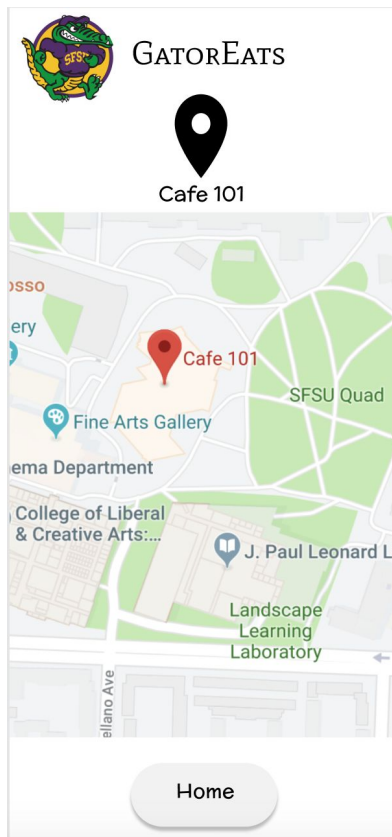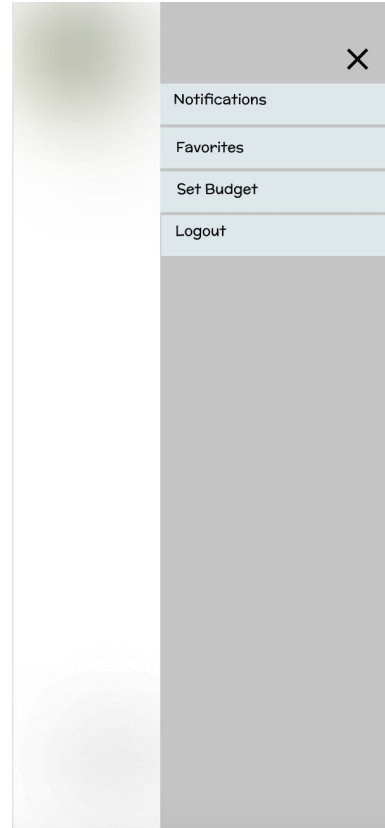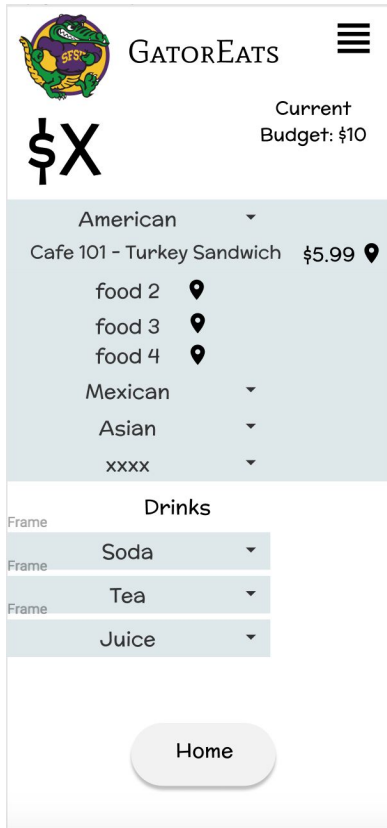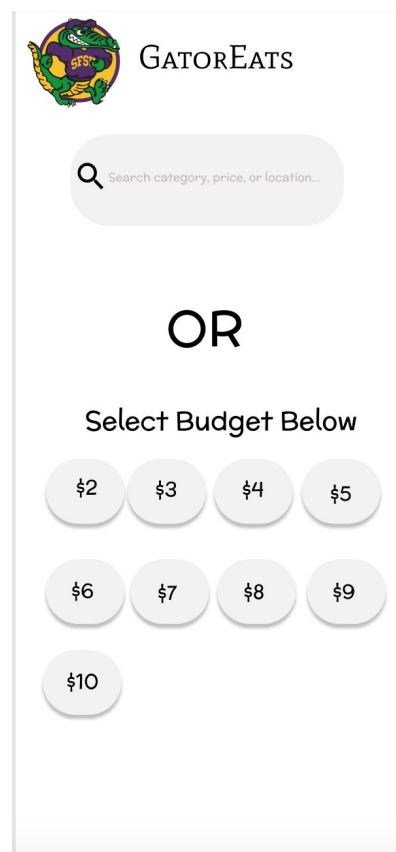EMAIL

PASSWORD

CONFIRM PASSWORD

Cancel   Done

GATOREATS

THANK YOU
FOR
REGISTERING!

Login

Home

GatorEats

$X

Current
Budget: $10

American	▼
Cafe 101 – Turkey Sandwich	$5.99 📍
food 2	📍
food 3	📍
food 4	📍
Mexican	▼
Asian	▼
xxxx	▼

Drinks

Frame

| Soda | ▼ |
Frame
| Tea | ▼ |
Frame
| Juice | ▼ |

Home

×

Notifications

Favorites

Set Budget

Logout

GatorEats

📍
Cafe 101

Cafe 101
SFSU Quad
Fine Arts Gallery
ema Department
College of Liberal
& Creative Arts:...
J. Paul Leonard Li
Landscape
Learning
Laboratory

Home

Alexis, the mother of a SFSU student, is visiting her child from another city. She visits her son/daughter at school, and she needs to find a place to get lunch. She also would like to not spend too much on her lunch since food in San Francisco is expensive. Alexis downloads the GatorEats app and uses the app without registering since she won't be staying on campus for much longer. She opens the app and clicks Continue as Guest. She then chooses a budget from the preset budget search buttons. She narrows down her search with the categories in order to find food that she wants, in this case a sandwich. The app returns a list of restaurants and places and their locations on campus which satisfy the criteria that Alexis specifies on her search. Alexis can then locate the restaurant and find the distance between the locations.

GatorEats

$2

Food

American	▾
Cafe 101 - Turkey Sandwich	$1.99 📍
food 2	📍
food 3	📍
food 4	📍
Mexican	▾
Asian	▾
xxxx	▾

Drinks

Soda	▾
Tea	▾
Juice	▾

Home

GatorEats

📍

Cafe 101

Home
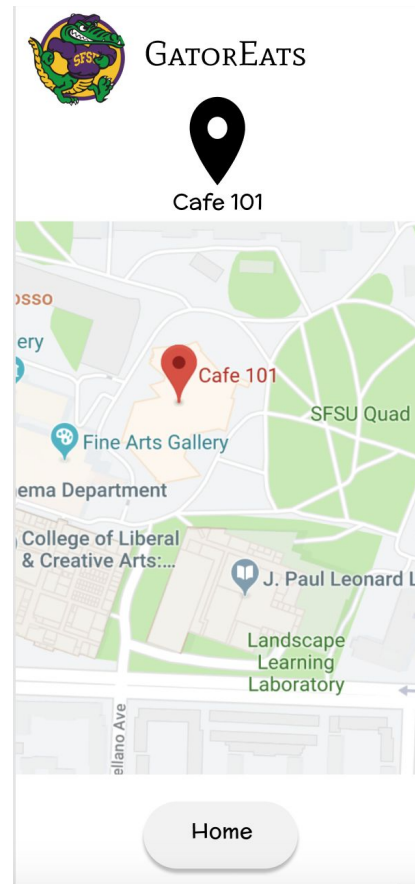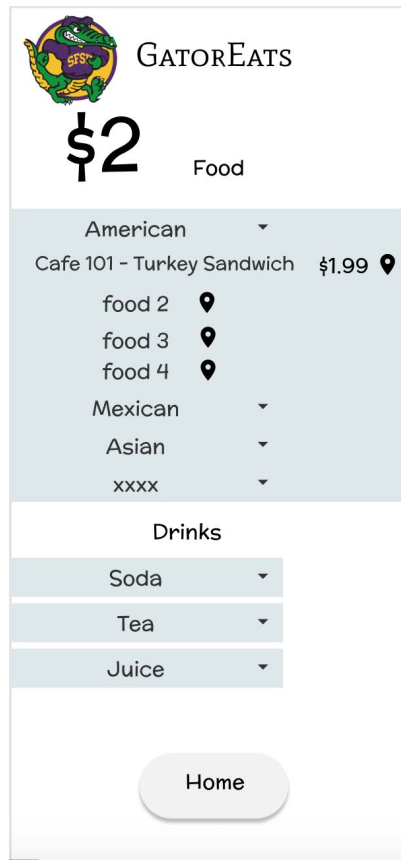
Jerry is the owner of a cafe on campus. Jerry wants his business to be advertised to students who want to buy coffee drinks or bagels, and downloads the GatorEats app to upload the menu and location of his restaurant. He clicks the Vendor Login and can either create and account or log in to an existing account. Jerry has to wait up to two days for his request to be approved by an administrator. Jerry can then add or update the price of an item on his menu, and specify what category the item falls into like "sandwiches". Jerry then updates the database and students who are looking for a sandwich will be able to find the price of the item and the location of Jerry's cafe. He can also update the page of his business and change the name or menu.

![GatorEats logo] GatorEats

THANK YOU FOR
REGISTERING YOUR
BUSINESS!

AN APPROVAL EMAIL WILL BE SENT
YOU WITHIN 2 BUSINESS DAYS

Home

![GatorEats logo] GatorEats

CAFE ROSSO 📍

Egg Sandwich - $2.99

★ ★ ★ ★ ☆

SAVE AS
FAVORITE

RATE THIS
ITEM!

NUTRITION &
INGREDIENTS

COMMENTS

Home   Back

Cafe Rosso

RATE

American

★ ★ ★ ⯪ ☆

(415) 405-0923

Location

Centennial Walkway (behind Burk Hall)

Hours

M-TH 7AM - 9PM   SATURDAY 8AM - 3PM

FRIDAY 7AM - 5PM   SUNDAY CLOSED

Information

CREDIT/DEBIT ✓   DELIVERY ✗

HEALTH SCORE   91

Menu

Home   Back

John is an administrator for the GatorEats application. He is given more power than a regular user of the app. He logs in through the regular sign in form and has the same functionality as a regular user, but he has the has to ability to post new items and prices for different on-campus locations. He can also remove out of stock items. If he encounters misuse of the application, he can suspend accounts or remove inaccurate posts with the sidebar. John has to approve new vendors and respond to requests of the vendors.
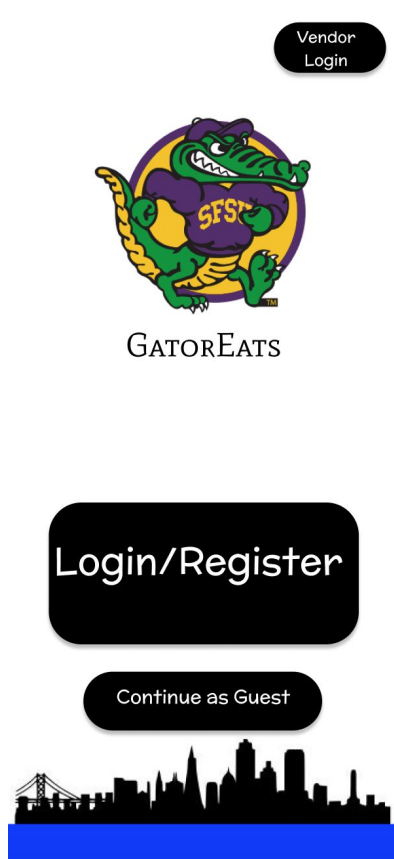
GatorEats

Edit   **CAFE ROSSO**
        AMERICAN   RATE

★ ★ ★ ✭ ☆

LOCATION
CENTENNIAL WALKWAY (BEHIND BURK HALL) 📍

HOURS   M-TH 7AM - 9PM   SATURDAY 8AM - 3PM
         FRIDAY 7AM - 5PM   SUNDAY CLOSED

INFORMATION
CREDIT/DEBIT ✔   DELIVERY ✖
HEALTH SCORE   91

MENU

Home   Back

GatorEats

Edit   **[ENTER NAME HERE]**
        [Enter Genre here]   RATE

★ ★ ★ ✭ ☆

LOCATION
[ENTER LOCATION HERE] 📍

HOURS   M-TH [HOURS HERE]   SATURDAY [HOURS HERE]
         FRIDAY [HOURS HERE]   SUNDAY [HOURS HERE]

INFORMATION
CREDIT/DEBIT [YES/NO]   DELIVERY [YES/NO]
HEALTH SCORE [ENTER HERE]

MENU

Done

✕

Notifications

Favorites

Set Budget

Edit business profile

Remove comments

User suspension

Logout