

Software Engineering CSC 648/848 Spring 2021

Gator Connection

A One Stop Website for SF State Gators

Team 05

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Milestone 3

Milestone/Version	Date
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M2V1	04/01/21
M1V2	03/09/21
M1V1	03/04/21

Table of Contents

Main Data Items & Entities V3	3
Functional Requirements	6
Priority 1 Requirements:	6
Priority 2 Requirements:	9
Priority 3 Requirements:	10
WireFrames	
WireFrame #1 - Housing	12
WireFrame #2 - Items	24
WireFrame #3 - Map	35
WireFrame #4 - Athletics Announcements	44
WireFrame #5 - Organization Announcements	53
WireFrame #6 - Restaurants/Restaurant Requests	61
WireFrame #7 - Organization/Club Announcements	69
High Level Database Architecture and Organization V2	75
High Level Diagrams V2	76
High Level UML Diagram	76
High Level Application Network and Deployment Diagrams	79
List of Contributions	81

Main Data Items & Entities V3

1. Unregistered User/ Guest

These are the people who aren't registered with the school system yet. They will be treated as guests, and would not be eligible for any of our student/staff services. This is an administrative task.

2. Registered User

A person who is registered with us using their email would have an account with us. They will follow the Create Account path. Their data is already registered with us, they will have the authority to create their password here.

3. Account

An account contains identification data about the registered user that created the account. The data identifies what type of registered user the user is, as well as helps authentication registered users for restricted features such as posting announcements.

- a) Student:** A student account gives registered users the ability to search housing listings, post restaurant reviews, and make purchase requests for posted items and housing listings.
- b) Admin:** An admin account gives registered users the power to post public announcements. Admin accounts are split into more specific roles as to more easily group announcements together when filtering/searching.
 - i) Sports/Athletics:** A registered user who has this type of account is in charge of a specific sport that he/she registered with.
 - ii) Organization/Club:** A registered user who has this type of account is in charge of a specific organization that he/she registered with.
 - iii) School Department:** A registered user who has this type of account is a part of SFSU staff.
- c) Super User:** A super user account gives registered users the power to approve restaurant additions, administrative account creation requests, and registered user account upgrade requests.

4. Notifications

Receiving notifications about housing, submissions, etc.

- a) Housing Notifications:** Registered users will receive email notifications about housing such as if they receive a request for a listing.
- b) Submission Notifications:** Registered users will receive email notifications about submissions such as if their account requests and restaurant requests have been approved or denied

5. Rate

This gives users the ability to rate various student organizations, restaurants. It'll prove to be a useful tool for fellow users.

- a) Restaurants Rating:** Ratings that users can give restaurants from 1-10. The average of all ratings will be shown on the restaurants.

6. Review

Posts shown under restaurants made by registered users and above. Unregistered users can view these but they cannot rate or post a review.

7. Email

Being able to send emails to all of the users that are registered. This would be students and administration.

- a) Housing emails:** A User who posted a listing of a house for sale will receive emails from people who are interested to purchase the listing.
- b) Registration Verification email:** A User who creates an account will receive an email to their SFSU email saying that their account has been created
- c) Reset password email:** An email which a user can request to reset their password

8. Announcements

Section designated to announcements that different departments make, along with the health centers, athletics, and organizations/clubs. These announcements are directly related to SFSU campus and only administrative users can post announcements.

- a) Athletic Announcements:** Announcements made from athletic directors
- b) Organization Announcements:** Announcements made from organizations
- c) School Announcements:** Announcements made from the school

9. Restaurants

Section dedicated to restaurants around campus. Users can view, rate, and write reviews for that specific restaurant. Unregistered users can view these but they cannot rate or review.

10. Ecommerce/Listing

The main section where users can view the selected items for sale or housing available and make purchase requests for them. Registered users can post things for sale. Unregistered guests cannot view these items.

a) Items:

The item(s) listed for sale in the Ecommerce/Listing by a registered seller or for purchase by a registered buyer. Users can message the seller if they are interested in the item.

b) Housing:

The listing(s) of housing listed for sale in the Housing section. Users interested in a listing can fill out a form which includes their name, school year, SFSU email, and a little information about themselves. After filling out the form, the system will send out an email to the person who posted the listing, and it will be up to them if they wish to respond back.

Functional Requirements

Priority 1 Requirements:

1. Guest User
 - 1.1. A guest user shall be able to search for restaurants by title.
 - 1.2. A guest user shall be able to sort restaurant listings by rating.
 - 1.3. A guest user shall be able to navigate through announcements.
 - 1.4. A guest user shall be able to create an account using his/her unique SFSU email account for a student account or a unique email account for an admin or super user account.
 - 1.5. A guest user shall be able to navigate to a map of SFSU.
 - 1.6. A guest user shall be able to search for items on sale by preferred payment.
 - 1.7. A guest user shall be able to search for items on sale by price.
 - 1.8. A guest user shall be able to search for items on sale by title.
2. Registered User
 - 2.1. A registered user shall have all of the same permissions as guest users.
 - 2.2. A registered user shall be able to log in to his/her account using his/her unique SFSU email.
 - 2.3. A registered user shall be able to log in to his/her account using many devices.
 - 2.4. A registered user shall be able to log out of the website.
 - 2.5. A registered user shall be able to stay logged in if they have not logged out.
 - 2.6. A registered user shall be able to post reviews of restaurants/food.
 - 2.7. A registered user shall be able to make purchase requests for items.
 - 2.8. A registered user shall be able to search for items by preferred payment, price, etc.
 - 2.9. A registered user shall be able to see and search housing listings.
 - 2.10. A registered user shall be able to make a request for a housing listing.
 - 2.11. A registered user shall be able to edit a housing listing title he/she posted.
 - 2.12. A registered user shall be able to edit a housing listing description he/she posted.
 - 2.13. A registered user shall be able to edit a housing listing price he/she posted.
 - 2.14. A registered user shall be able to change a housing listing image he/she posted.
 - 2.15. A registered user shall be able to close a housing listing that he/she posted.
 - 2.16. A registered user shall be able to post many pending items for sale with pictures.
 - 2.17. A registered user shall be able to edit a post about an item for sale that he/she posted.
 - 2.18. A registered user shall be able to take down an item that he/she put up for sale.

- 2.19. A registered user shall be able to create a restaurant request to add a restaurant to the restaurants listing by providing the name of the restaurant and location.
 - 2.20. A registered user shall be able to sort and search for restaurants by ratings/reviews.
 - 2.21. A registered user shall be notified if their restaurant location has been approved or denied, with a message explaining why.
 - 2.22. A registered user shall receive a notification about a house listing being closed if he/she had made a request to the house lister.
 - 2.23. An upgraded registered user shall receive a notification when their administration privileges are taken away and why.
 - 2.24. A registered user shall have a unique registered id.
 - 2.25. A registered user shall be able to fill out a form for a housing request.
 - 2.26. A registered user shall receive a notification if their housing post has been approved by email.
 - 2.27. A registered user shall receive a notification if their housing post has been denied by email.
 - 2.28. A registered user shall receive a notification if their post has been approved by email.
 - 2.29. A registered user shall receive a notification if their post has been denied by email.
 - 2.30. A registered user shall be able to request to upgrade his/her account to an administrative account with a valid organization, role, and organization by email.
 - 2.31. A registered user shall receive a notification about purchase requests made on his/her account by email.
 - 2.32. A registered user shall receive a notification about purchase requests made on items he/she posted for sale by email.
 - 2.33. A registered user shall receive a notification about a house listing request for a house listing that he/she posted that includes information about the person who requested, such as his/her name and email address.
 - 2.34. A registered user who requested an account upgrade shall receive a notification when the request has been approved and the date of when their administration privileges will be taken away by email.
 - 2.35. A registered user who requested an account upgrade shall receive a notification when the request has been denied by email.
3. Admin User
- 3.1. An administrative user shall have all of the same permissions as registered users.
 - 3.2. An administrative user shall be able to post announcements.
 - 3.3. An administrative user shall be able to remove an announcement he/she had posted.
 - 3.4. An administrative user shall have a unique admin id.

4. Super User
 - 4.1. A super user shall be able to log into the website.
 - 4.2. A super user shall be able to log out of the website.
 - 4.3. A super user shall have all of the same permissions as administrative users.
 - 4.4. A super user shall be able to approve/deny and close account upgrade requests,
 - 4.5. A super user shall be able to approve/deny and close administrative account creation requests.
5. Sale Item
 - 5.1. A sale item shall be posted by a registered user.
 - 5.2. A sale item shall have a unique item id.
 - 5.3. A sale item shall have a title for the item.
 - 5.4. A sale item shall have a message describing the item.
 - 5.5. A sale item shall have one picture attached to it.
 - 5.6. A sale item shall be purchased by a registered user.
 - 5.7. A sale item shall be taken down by the registered user that posted it for sale.
 - 5.8. A sale item shall have a price.
 - 5.9. When a sale item is taken down, all registered users who made a request for the item shall be notified of the closure by email.
6. Housing Listing
 - 6.1. A housing listing shall be posted by a registered user.
 - 6.2. A housing listing shall have a unique housing id.
 - 6.3. A housing listing shall have a title.
 - 6.4. A housing listing shall have a message describing the item.
 - 6.5. A housing listing shall have a price.
 - 6.6. A housing listing shall have at least 1 picture attached to it.
 - 6.7. A housing listing shall be taken down by the registered user that posted it.
 - 6.8. A housing listing shall be requested by many registered users.
 - 6.9. A housing listing shall have a form to fill out for interested users.
 - 6.10. A housing listing shall have a situation(available/close).
 - 6.11. When a housing listing is taken down, all registered users who made a request shall be notified of the closure by email.
7. Housing Listing Form
 - 7.1. A housing listing form shall be filled out by a registered user.
 - 7.2. A housing listing form shall fill out their full name.
 - 7.3. A housing listing form shall fill out their school year.
 - 7.4. A housing listing form shall fill out their school email.
 - 7.5. A housing listing form shall fill out their phone number.
 - 7.6. A housing listing form shall have a section dedicated to “an about” me.
 - 7.7. A housing listing form shall have an expected day they want to move in.

8. Restaurant
 - 8.1. A restaurant shall have a name.
 - 8.2. A restaurant shall have a location.
 - 8.3. A restaurant shall have a unique restaurant id.
 - 8.4. A restaurant shall have a rating.
9. Restaurant Request
 - 9.1. A restaurant request shall be created by one and only one registered user and above.
 - 9.2. A restaurant request shall have the name of the restaurant.
 - 9.3. A restaurant request shall have the location of the restaurant.
 - 9.4. A restaurant request shall be confirmed/denied and closed by one and only one super user.
 - 9.5. When a restaurant request is confirmed/denied the registered user who made the request will be notified by email.
10. Organization
 - 10.1. An organization shall be able to post announcements.
11. Announcement
 - 11.1. An announcement shall be posted by one and only one administrative user or organization.
 - 11.2. An announcement shall be able to be viewed by one or many users.
 - 11.3. An announcement shall be able to be taken down by the one who posted it.

Priority 2 Requirements:

12. Guest User
 - 12.1. A guest user shall be able to make item purchase requests after filling out an identification form and completing a Captcha.
13. Registered User
 - 13.1. A registered user shall be able to rate organizations.
 - 13.2. A registered user shall be able to change their rating of the organization.
 - 13.3. A registered user shall be able to post reviews under event announcements.
 - 13.4. A registered user shall be able change any reviews they have under event announcements.
 - 13.5. A registered user shall be able to rate a housing listing.
 - 13.6. A registered user shall be able to rate any of the item listings on sale.
 - 13.7. A registered user shall be able to change their rating of the item.
 - 13.8. A registered user shall be able to report housing listings and provide reasoning for the report.
 - 13.9. A registered user shall be able to report restaurant reviews.
 - 13.10. A registered user shall be able to report announcements

14. Admin User
 - 14.1. An admin user shall be able to temporarily take down posts that he/she finds false and give a reason why.
15. Super User
 - 15.1. A super user shall receive notifications of posts that admin users take down.
16. Sale Item
 - 16.1. A sale item shall be able to be taken down by a super user.
17. Housing Listing
 - 17.1. A housing listing shall be able to be taken down by a super user.
18. Housing Listing Form
 - 18.1. A housing listing form shall be able to be saved by the creator in their notifications page.
19. Restaurant
 - 19.1. A restaurant shall be able to have their rating changed.
 - 19.2. A restaurant shall have many reviews written by registered users.
20. Restaurant Request
 - 20.1. A restaurant request shall also allow users to request to update incorrect information about a restaurant.
21. Organization
 - 21.1. An organization shall be able to be rated by many registered users.
22. Announcement
 - 22.1. An announcement shall be able to be taken down by a super user.
 - 22.2. An announcement shall be able to be rated.

Priority 3 Requirements:

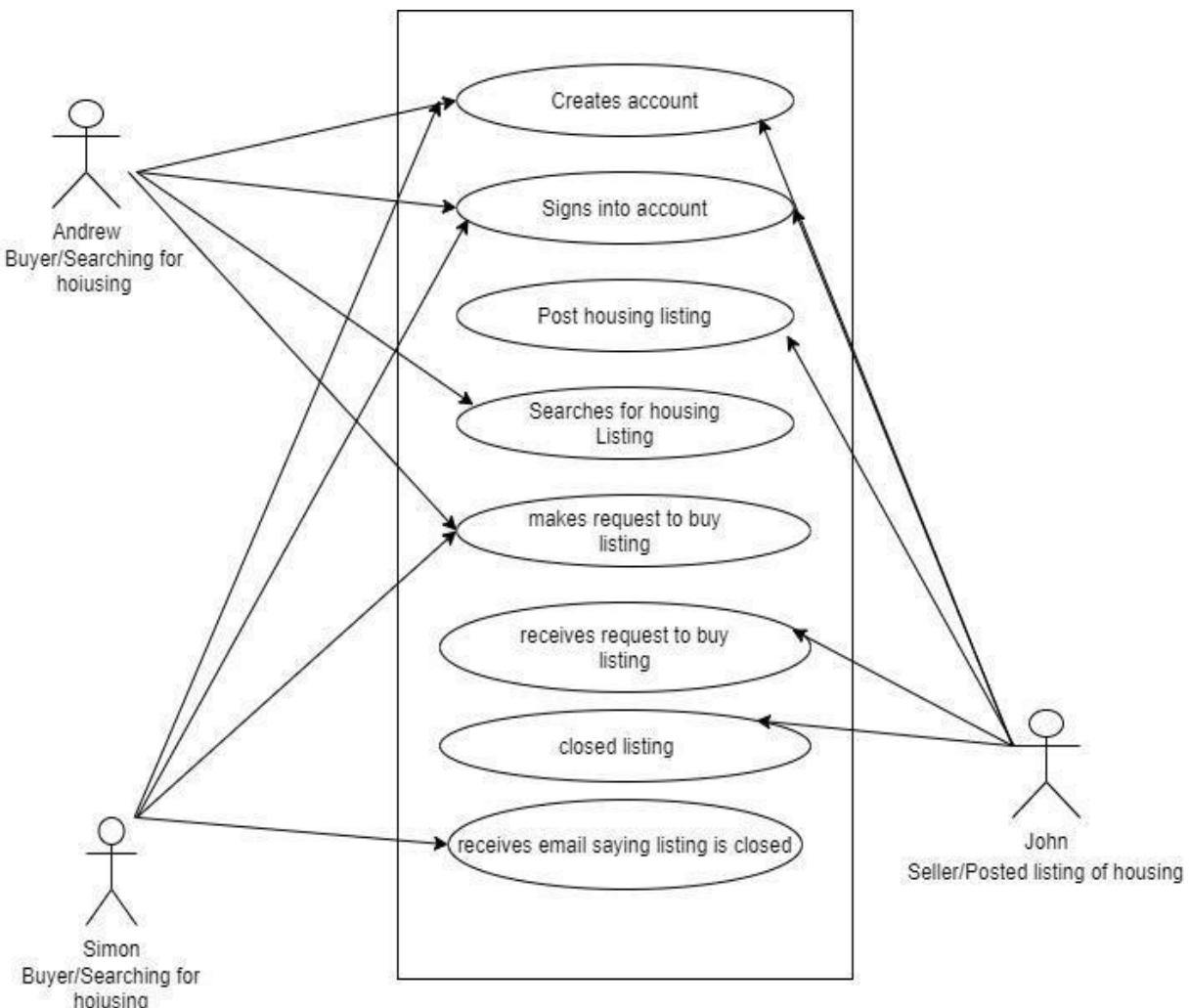
23. Guest User
 - 23.1. A guest user shall be able to make housing purchase requests after filling out an identification form and completing a Captcha.
24. Registered User
 - 24.1. A registered user shall be able to fill out a potential roommate form when posting a housing listing.
 - 24.2. A registered user shall be able to fill out a potential roommate form when searching through housing listing posts.
 - 24.3. A registered user shall be able to receive suggested housing listings where both the poster and searcher are ideal roommates.
 - 24.4. A registered user shall be able to subscribe to organizations and departments.
 - 24.5. A registered user shall be able to report item and housing listings for false/fake information.

- 24.6. A registered user shall be able to be banned/restricted to only guest user privileges if he/she has a certain number of reports on posts.
25. Admin User
 - 25.1. An admin user shall be able to be banned/restricted to only guest user privileges if he/she has a certain number of reports on announcements.
26. Super User
 - 26.1. A super user shall receive notifications of taken down posts such as announcements, housing listings, and items.
 - 26.2. A super user shall receive notifications of banned users.
 - 26.3. A super user shall be able to unban banned users.
27. Sale Item
 - 27.1. A sale item shall be automatically hidden from users when a certain number of reports is reached.
28. Housing Listing
 - 28.1. A housing listing shall be automatically hidden from users when a certain number of reports is reached.
 - 28.2. A housing listing shall be shown on a virtual map.
 - 28.3. A housing listing shall show the distance from SF State.
 - 28.4. A housing listing shall show how long it takes for a person to get to SF State.
29. Housing Listing Form
 - 29.1. A housing listing form shall be able to be customized for a housing listing post by registered users.
30. Restaurant
 - 30.1. A restaurant shall be shown on a virtual map.
 - 30.2. A restaurant shall show the distance from SF State.
31. Restaurant Request
 - 31.1. A restaurant request shall be able to be deleted by the one requested it.
32. Organization
 - 32.1. An organization shall be able to send emails to subscribed registered users about announcements.
33. Announcement
 - 33.1. An announcement shall be able to be mass sent to registered users.
 - 33.2. An announcement shall be automatically hidden from users when a certain number of reports is reached.

WireFrames

Case 1: Freshman Student looking for housing at SFSU

Actors: Andrew(Buyer, Searching for housing), Simon (Buyer, Searching for housing), John(Seller, Posted listing of housing)



Action 1 and 2: Creating account/Signing into Account (Andrew, Simon, John)

Creating Account/Signing into Account

The screenshot shows the Gator Connection website with a navigation bar at the top. The 'Register' button in the top right is highlighted with a large arrow pointing to it from the left. A callout box on the right contains the following text:

Simon, Andrew, and John proceed to enter their first name, last name, SFSU email, graduation year, password into the respective boxes. They then click register to finish making their account. They then go to their email and verify their account to use our features

Register

Student (On student) Admin Super User

By registering, you agree to Gator Connection's Terms and conditions.

First Name
Last name
SFSU Email
Graduation Year
Password

Register

Already have an account? Click here to sign in

Close

Action 3: Post Housing Listing (Wireframe shown as John)

Sequence 1: On home page going to Housing

The wireframe illustrates the sequence of actions:

- The user is on the Gator Connection homepage.
- The user clicks on the "Housings" link in the top navigation bar.
- A callout box with the text "Click on housing to go to housing" points to the "Housings" link in the navigation bar.

The homepage features a dark header with the Gator Connection logo and navigation links for Home, Announcements, Housings, Items, Restaurants, and Map. A user profile for "John" is also visible. Below the header is a search bar with a dropdown button and a search button. A banner below the search bar reads "A one Stop For all your Gator Needs." The main content area contains four categories: HOUSING, ITEMS, RESTAURANTS, and ANNOUNCEMENTS. A large banner below these categories displays a picture and a descriptive text: "Banner Description". At the bottom of the page is a footer with links for About, FAQ, Contact, and Terms and Conditions, along with a copyright notice: "© Team 05 CSC 648, Spring 2021".

Sequence 2: On Housing Page

The screenshot shows the Gator Connection website's housing section. At the top, there is a navigation bar with links for Home, Announcements, Housings, Items, Restaurants, Map, and a user profile for John. Below the navigation bar, a search bar is present with a dropdown menu and a search button. A large purple button labeled "+ Post an Advertisement" is centered on the page. Below this button, there are four items, each consisting of a picture placeholder, a title, a price, and an address. At the bottom of the page, there is a footer with links for About, FAQ, Contact, and Terms and Conditions.

Click here to
bring up
Modal

Sequence 3: Inside Modal Box

Post a Listing X

Title: _____
Enter Title for Housing

Pricing: \$ _____
Ex: 350.00

Zip Code: _____

Number: _____

Street: _____

Description: _____
Enter Description of Housing here

Preferred method of Payment: Dropdown bar

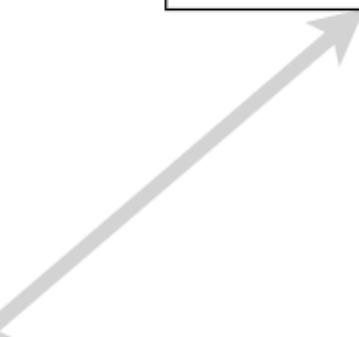
Pets Allowed: yes no

Upload Images: choose file no file chosen

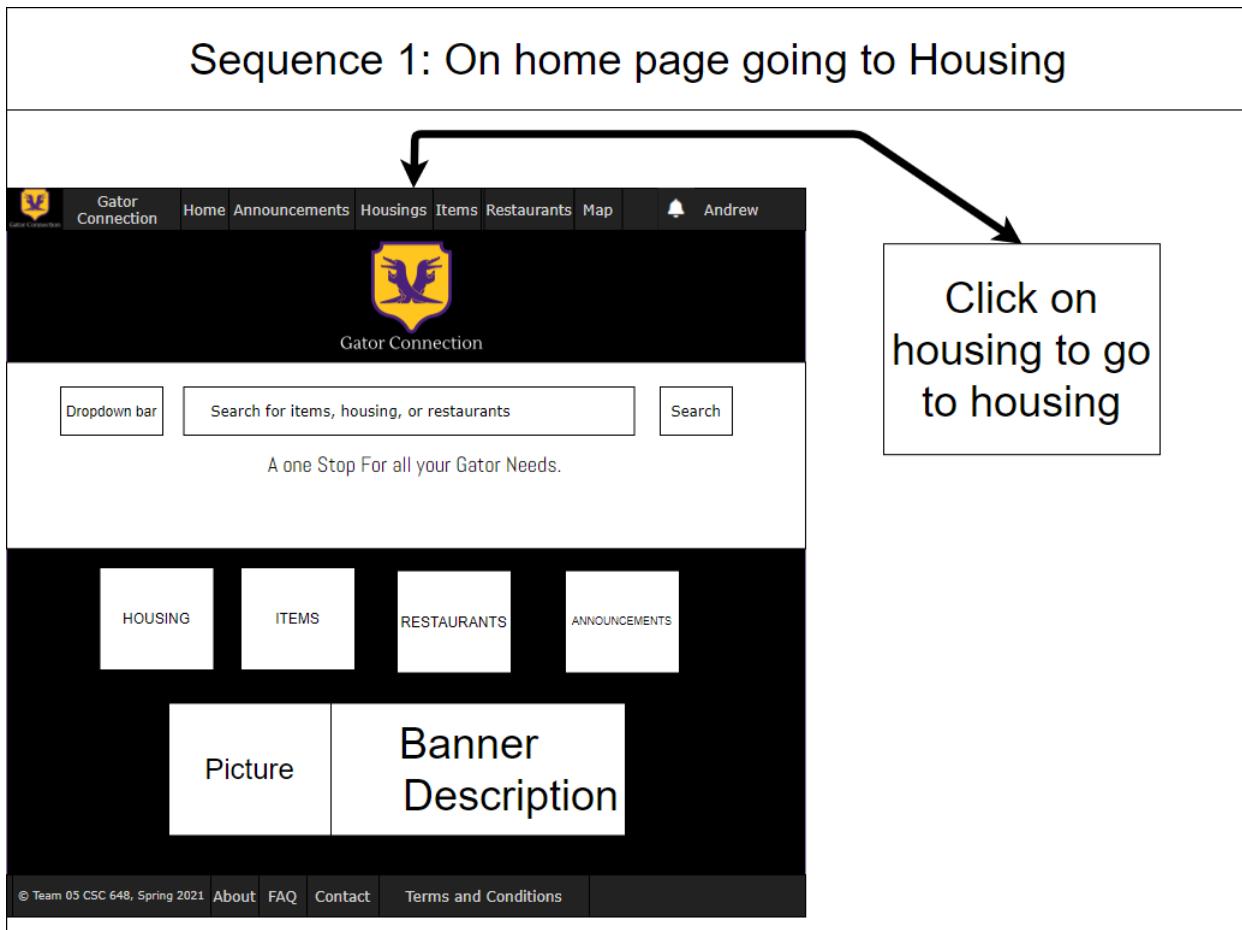
Submit

Close

Click here submits the housing post



Action 3 and 4: Search for Housing Listing/Make Request to buy Listing (Wireframe shown as Andrew)



Sequence 2: On Housing Page

The screenshot shows the 'Housing' section of the Gator Connection website. At the top, there's a navigation bar with links for Home, Announcements, Housings, Items, Restaurants, and Map. A user profile for 'Andrew' is also visible. Below the navigation, a search bar includes a dropdown bar, a search input field with placeholder text 'Select what to search for from the dropdown bar', and a 'Search' button. A purple button labeled '+ Post an Advertisement' is positioned above a grid of four listing cards. Each card has a placeholder 'Picture' and three lines of placeholder text: 'Title Value', 'Price Value', and 'Address Value'. Below the grid, there are buttons for 'List' and 'Grid' view, and a footer with links for About, FAQ, Contact, and Terms and Conditions.

Click on picture
to bring up
Listing

Sequence 3: On John's Listing Page

The screenshot shows a listing page for a property. At the top, there is a navigation bar with links for Home, Announcements, Housings, Items, Restaurants, and Map. A user profile for Andrew is also visible. The main content area displays a title and price, followed by a description section containing several bullet points. Below the description is a purple button labeled "+ Interested?". To the right of the listing, a large rectangular box contains the text "Click here to bring up Modal". Two arrows point from the bottom of the listing area towards the "Interested?" button and the modal box respectively.

Pictures here,
placed into a
carousoul for
pictures

Title Value Here
Price Value Here

- Description:
DESCRIPTION OF HOUSING HERE
- Preferred Payment Type:
PREFERRED PAYMENT HERE
- Pets Allowed:
PETS ALLOWED VALUE HERE
- Address:
ADDRESS HERE

+ Interested?

Click here to
bring up Modal

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Sequence 4: On Modal

Tell us about yourself! x

enter first name

enter last name

enter sfsu email

Phone Number:

Move in Date:

Tell us about yourself!

Our system sends email to owner of listing, so in this case, John

Action 5: Receive Request to buy Listing (Wireframe shown as John)

Receive request to buy Listing

The wireframe shows a top navigation bar with 'Gator Connection' logo, 'Home', 'Announcements', 'Housings', 'Items', 'Restaurants', 'Map', a bell icon labeled 'John', and a 'Notifications' section. Below is a grid divided into 'Notifications' and 'Requests' sections. The 'Notifications' section contains two items: 'You have a notification from housing' (with 'TIME VALUE HERE') and 'Notification from Simon as well'. The 'Requests' section contains two items: 'Andrew is interested in your housing. Here is his contact info: xxxxxxxx' (with 'TIME VALUE HERE' and 'CREATOR VALUE HERE') and 'Notification from Simon as well'. Two callout boxes with arrows point to the right side of the screen: one pointing to the 'Notifications' section with the text 'Click on bell icon to get to the notifications page', and another pointing to the 'Requests' section with the text 'This box represents John copying Andrew's contact info and replying to him through a third party email'.

Click on bell icon to get to the notifications page

This box represents John copying Andrew's contact info and replying to him through a third party email

You have a notification from housing
TIME VALUE HERE

Notification from Simon as well

Andrew is interested in your housing
Here is his contact info: xxxxxxxx
TIME VALUE HERE CREATOR VALUE HERE

Notification from Simon as well

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Action 6: Take down listing

(Wireframe shown as John, on John's Listing Page that he made)

Deleting John's Listing Page as John

The wireframe illustrates the process of deleting a listing. It starts with a main listing page for 'Housings' where a user can edit or delete their posting. A modal dialog box appears, asking for confirmation to delete the listing.

Main Listing Page:

- Header: Gator Connection, Home, Announcements, Housings, Items, Restaurants, Map, John
- Left sidebar: Pictures here, placed into a carousal for pictures
- Content area:
 - Title: Value Here
 - Price: Value Here
 - Description:
 - Description: DESCRIPTION OF HOUSING HERE
 - Preferred Payment Type: PREFERRED PAYMENT HERE
 - Pets Allowed: PETS ALLOWED VALUE HERE
 - Address: ADDRESS HERE
- Buttons: Edit Housing Listing Post, Delete your Posting?
- Footer: © Team 05 CSC 648, Spring 2021, About, FAQ, Contact, Terms and Conditions

Delete Confirmation Dialog:

- Header: Delete this Listing X
- Text: Are you sure you want to delete this listing?
- Buttons: Delete (red), Close

A large grey arrow points from the 'Delete your Posting?' button on the main page to the 'Delete' button in the confirmation dialog. Another grey arrow points from the 'Delete' button back to the text 'Clicking here deletes listing' on the main page.

Clicking here deletes listing

**Action 7: Receive email saying Listing is Closed
(Wireframe shown as Simon, going to his Notifications Page)**

Receive notification/email that listing is closed

Gator Connection Home Announcements Housings Items Restaurants Map Simon

Notifications Requests

You have a notification from housing

TIME VALUE HERE

Andrew Has closed his Listing

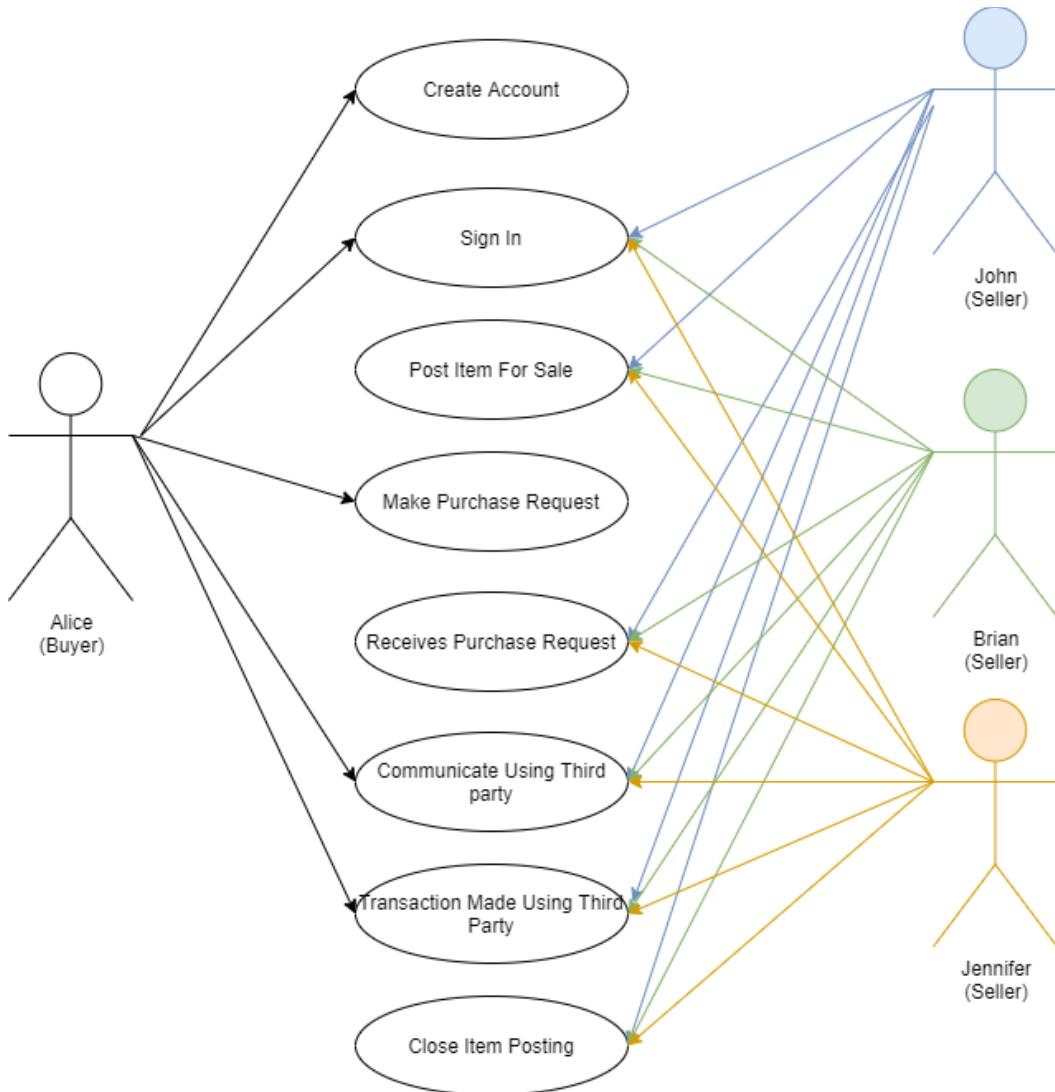
TIME VALUE HERE CREATOR VALUE HERE

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This box represents Simon also receiving this message through email

Case 2: Student at SFSU looking for cheaper textbooks

Actors: Alice(Buyer), John(Seller), Brian(Seller), Jennifer(Seller)



Action 1 and 2: Creating Account/Signing into Account (Alice, John, Brian, Jennifer)

Creating account/Signing into Account

The screenshot shows the Gator Connection website with a navigation bar at the top. The navigation bar includes a logo, the text "Gator Connection", and links for "Home", "Announcements", "Housings", "Items", "Restaurants", and "Map". On the right side of the bar are "Login" and "Register" buttons. A large callout box on the right side of the page contains descriptive text about the registration process. A modal dialog box titled "Register" is overlaid on the page. The modal has tabs for "Student (On student)", "Admin", and "Super User". It contains fields for "First Name", "Last name", "SFSU Email", "Graduation Year", "Password", and a "Register" button. There is also a link for users who already have an account.

Alice proceeds to enter her first name, last name, SFSU email, graduation year, password into the respective boxes. They then click register to finish making their account. She then go to their email and verify their account to use our features

Action 3: Post Item Listing (Wireframe shown as John)

Sequence1: On Home Page

Click on Items to go to Items

The wireframe shows the Gator Connection homepage. At the top, there is a navigation bar with links for Home, Announcements, Housings, Items, Restaurants, and Map. A user profile for 'John' is also present. Below the navigation bar is a large yellow shield logo with a purple alligator. The main content area features a search bar with placeholder text 'Search for items, housing, or restaurants' and a 'Search' button. A descriptive tagline 'A one Stop For all your Gator Needs.' is centered below the search bar. At the bottom of the page, there is a footer with links for HOUSING, ITEMS, RESTAURANTS, and ANNOUNCEMENTS. A banner section contains a placeholder 'Picture' and a 'Banner Description'. The footer also includes links for © Team 05 CSC 648, Spring 2021, About, FAQ, Contact, and Terms and Conditions.

Sequence2: On Items Page

The screenshot shows the Gator Connection website's Items page. At the top, there is a navigation bar with links for Home, Announcements, Housings, Items, Restaurants, Map, and a user profile for John. Below the navigation bar, a welcome message "Welcome to Items" is displayed, followed by three input fields: "Dropdown bar", "Select what to search for from the dropdown bar", and a "Search" button. A large purple button labeled "+ Add an Item for Sale" is positioned prominently. To the right of this button, a callout box contains the text "Click here to open up modal". Below the main content area, there are four items listed, each with a "Picture" placeholder and three value fields: Title Value, Price Value, and Address Value. At the bottom of the page, there are links for © Team 05 CSC 648, Spring 2021, About, FAQ, Contact, and Terms and Conditions.

dropdown bar

Select what to search for from the dropdown bar

Search

+ Add an Item for Sale

List Grid

Picture

Title Value
Price Value
Address Value

Click here to open up modal

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Sequence 3: Inside Post Item Modal Box

Post an Item for sale X

Title: _____
Enter Title for Item

Pricing: \$ _____
Ex: 350.00

Description: _____
Enter Description of Item here

Preferred method of Payment: Dropdown bar

Condition: Good Used

Upload Images: choose file no file chosen

Submit

Close

John enters info about his item that he is trying to sell.

**Action 4 and 5: Search for Item Listing/Make Request to buy Listing
(Wireframe shown as Alice)**

Sequence1: On Home Page

Click on Items to go to Items

The wireframe shows the Gator Connection homepage. At the top, there is a navigation bar with links for Home, Announcements, Housing, Items, Restaurants, and Map. A bell icon and the name 'Alice' are also present. Below the navigation bar is a large yellow shield logo with a purple alligator. The main content area features a search bar with placeholder text 'Search for items, housing, or restaurants' and a 'Search' button. Below the search bar is a tagline 'A one Stop For all your Gator Needs.' Underneath this is a row of four white rectangular buttons labeled 'HOUSING', 'ITEMS', 'RESTAURANTS', and 'ANNOUNCEMENTS'. A large banner below these buttons contains a 'Picture' on the left and 'Banner Description' on the right. The footer of the page includes links for 'About', 'FAQ', 'Contact', and 'Terms and Conditions'. An arrow points from the text 'Click on Items to go to Items' down to the 'ITEMS' button in the wireframe.

Sequence2: On Items Page

The screenshot shows the 'Items' page of a website. At the top, there is a navigation bar with links for Gator Connection, Home, Announcements, Housings, Items, Restaurants, Map, a bell icon, and a user profile for Alice. Below the navigation bar, a search bar includes a dropdown bar, a search input field with placeholder text 'Select what to search for from the dropdown bar', and a 'Search' button. A large purple button labeled '+ Add an Item for Sale' with a right-pointing arrow is centered above the item list. Below this, there are two buttons: 'List' and 'Grid'. The main content area displays four items, each represented by a box containing a placeholder 'Picture' and three lines of placeholder text: 'Title Value', 'Price Value', and 'Address Value'. A grey arrow points from a callout box at the bottom right towards the fourth item's placeholder picture. At the bottom of the page, there is a footer with links for © Team 05 CSC 648, Spring 2021, About, FAQ, Contact, and Terms and Conditions.

Click on
picture to
open up
John's
Listing

Action 6: Receive Request to buy Item Listing (Wireframe shown as John)

Sequence3: On John's Listing, and replying to John

The wireframe shows a listing page for a housing item. The top navigation bar includes the Gator Connection logo, Home, Announcements, Housings, Items, Restaurants, Map, a notification bell icon, and a user profile for Alice. The listing itself has a title and price, followed by a description section with bullet points for Description, Preferred Payment Type, Pets Allowed, and Address. A purple button labeled '+ Interested?' is highlighted with a large arrow pointing to a callout box at the bottom left. The callout box contains the text: 'Click on interested to bring up Modal'. The listing also features a placeholder for pictures with arrows indicating a carousal.

Pictures here,
placed into a
carasoul for
pictures

Title Value Here
Price Value Here

- **Description:**
DESCRIPTION OF HOUSING HERE
- **Preferred Payment Type:**
PREFERRED PAYMENT HERE
- **Pets Allowed:**
PETS ALLOWED VALUE HERE
- **Address:**
ADDRESS HERE

+ Interested?

Click on interested to bring up Modal

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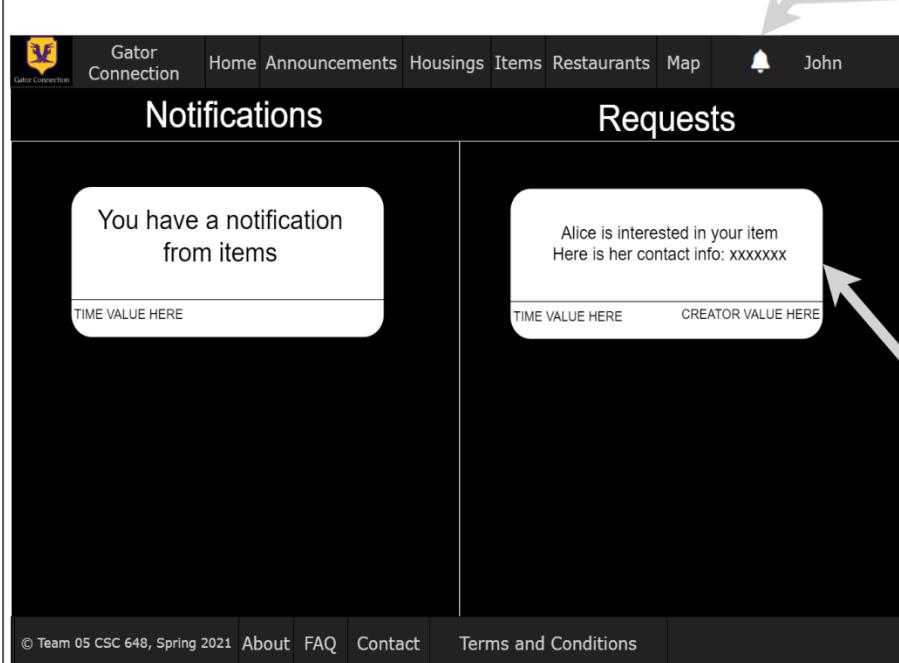
Sequence 4: Sending Purchase Request to John



Click "Yes" to submit a request to buy to the owner.

Our system sends an email to the owner of the listing, so in this case, John

Receive request to buy Listing



Click on bell icon to get to the notifications page

This box represents John receiving Alice's contact info, replying to her through a third party email, and them making a transaction using a third party app

Action 7: Take down Item Listing (Wireframe shown as John, on the detailed Item Listing page for the Item Listing John made)

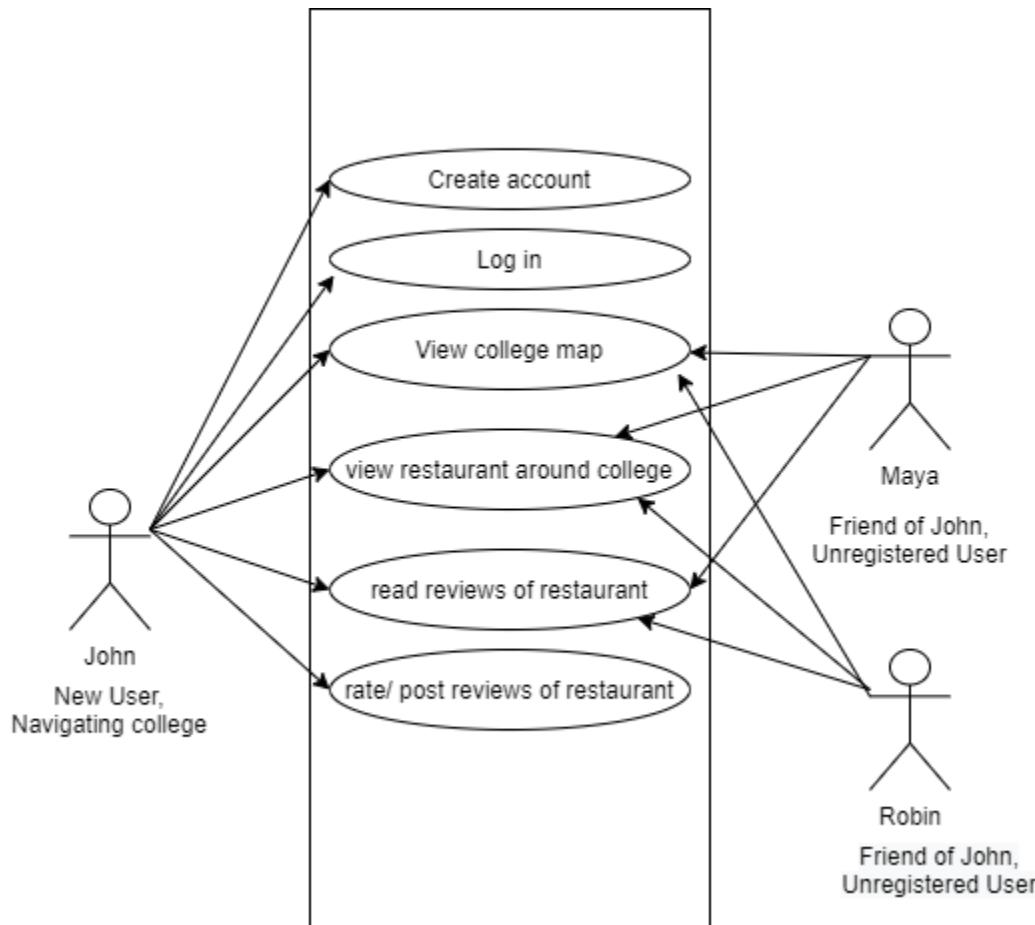
Sequence1: Deleting John's Listing Page as John

The wireframe illustrates the process of deleting a housing listing. It starts with a navigation bar at the top featuring the Gator Connection logo, Home, Announcements, Housings, Items, Restaurants, Map, a notification bell, and the user 'John'. Below the navigation is a dark-themed housing listing card. The card displays placeholder text: 'Title Value Here' and 'Price Value Here'. To the left of the main content is a white sidebar labeled 'Pictures here, placed into a carasoul for pictures' with arrows for navigation. Below the sidebar is a button labeled 'Edit Housing Listing Post'. A prominent purple button labeled 'Delete your Posting?' is centered below the main content. A large gray arrow points from this button down to a delete confirmation dialog box. This dialog box contains the text 'Delete this Listing X' at the top, followed by 'Are you sure you want to delete this listing?' in the middle, and two buttons at the bottom: a red 'Delete' button and a white 'Close' button. A callout box with a black border and white text on the left side of the dialog states: 'Clicking here deletes the listing'.

Case 3

Student at SFSU looking for food on campus, with his two friends outside SFSU accompanying him

Actors: John(New User), Maya(Unregistered User),
Robin(Unregistered User)



Action 1 and 2: Creating/Signing into Account (John, Maya, Robin)

Sequence 1: Creating/Signing into Account

The diagram illustrates the 'Register' process on the Gator Connection website. On the left, a screenshot of the website's header shows the 'Gator Connection' logo, 'Home', 'Announcements', 'Housings', 'Items', 'Restaurants', 'Map', 'Login', and 'Register' buttons. Below the header, a modal window titled 'Register' is displayed. The modal has tabs for 'Student (On student)', 'Admin', and 'Super User'. It contains fields for 'First Name', 'Last name', 'SFSU Email', 'Graduation Year', and 'Password', each with a placeholder text. A 'Register' button is at the bottom, and a 'Close' button is at the bottom right. A note at the bottom says 'Already have an account? Click here to sign in'. To the right of the modal, a large callout box contains the following text:

John, Maya, and Robin proceed to enter their first name, last name, SFSU email, graduation year, password into the respective boxes. They then click register to finish making their account. They then go to their email and verify their account to use our features

Action 3: View Virtual Map of College (Wireframe shown as John)

Sequence 1: On Home Page

The wireframe shows the Gator Connection homepage. At the top, there is a navigation bar with links for Home, Announcements, Housing, Items, Restaurants, and Map. A user profile for 'John' is also present. Below the navigation bar is a logo and the text 'Gator Connection'. A search bar with placeholder text 'Search for items, housing, or restaurants' and a 'Search' button are located below the logo. A descriptive banner below the search bar reads 'A one Stop For all your Gator Needs.' At the bottom of the page, there are four buttons labeled 'HOUSING', 'ITEMS', 'RESTAURANTS', and 'ANNOUNCEMENTS'. A large callout arrow points from the text 'Click on map to go to map' to the 'Map' link in the navigation bar.

Click on map to go to map

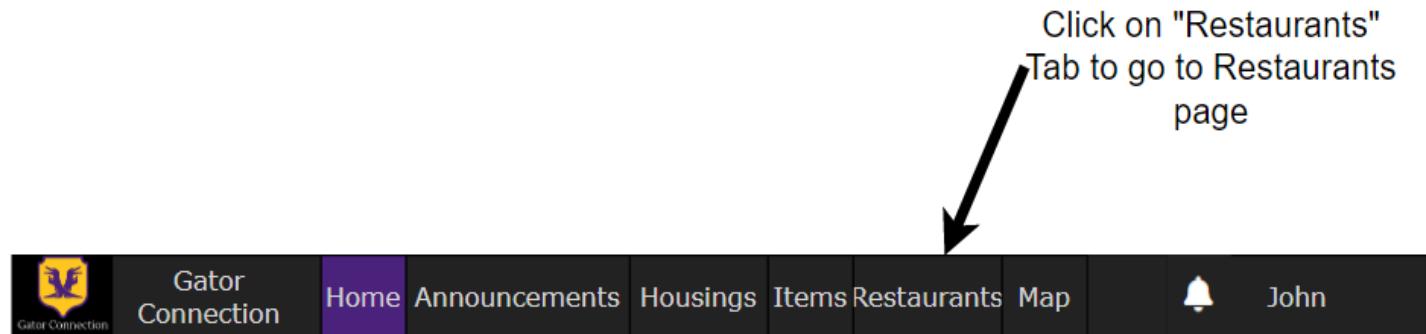
Sequence 2: On Virtual Map Page

The screenshot shows the Gator Connection website interface. At the top, there is a navigation bar with links for Home, Announcements, Housings, Items, Restaurants, and Map. There is also a notification bell icon and a user profile for John. Below the navigation bar is a search bar labeled "Search Address". The main content area is titled "Virtual Map". At the bottom, there is a footer with links for © Team 05 CSC 648, Spring 2021, About, FAQ, Contact, and Terms and Conditions.

John types the address of NIZARIO'S PIZZA(SFSU) in the search bar to find the way to the restaurant

Action 4: View Restaurants Page (Wireframe shown as John)

Sequence 1: On Home Page



Sequence 2: On Restaurants Page

The screenshot shows the 'Gator Connection' website's 'Restaurants' page. At the top, there is a navigation bar with links for Home, Announcements, Housings, Items, Restaurants, and Map. A user profile for 'John' is also visible. Below the navigation bar, a welcome message 'Welcome to Restaurants' is displayed. To the right of this message are three boxes: a 'Dropdown bar' containing the text 'Select what to search for from the dropdown bar', a 'Search' button, and a large white rectangular area representing a card. This card contains placeholder text: 'PICTURE HERE' in a blue box, followed by 'Title of Restaurant' and five small yellow stars. Below these are four lines of placeholder text: 'Location Value', 'Time Value', 'Take-out value', and 'Description Value'. A grey arrow points from the text 'Find the restaurant that you want to see and click anywhere on the card to go to the details page of that specific restaurant.' to the card area. At the bottom of the page, there is a footer with links for About, FAQ, Contact, and Terms and Conditions.

Find the restaurant that you want to see and click anywhere on the card to go to the details page of that specific restaurant.

Action 5: Read/Post Reviews of Restaurant (Wireframe shown as John)

Sequence 1: On Restaurant Detail Page

The wireframe shows a restaurant detail page for "Restaurant Name". The top navigation bar includes "Gator Connection" with a logo, "Home", "Announcements", "Housings", "Items", "Restaurants", "Map", a bell icon, and "John". The main content area features a "Restaurant Picture" placeholder, a "Reviews" section containing "Review Title", "Review Creator", and a large "Review Description" input field, and a "Write a Review" button. A callout box with a grey arrow points from the bottom left towards the "Review Description" field, containing the text: "Scroll through/read reviews of the restaurant posted by SF State students/personnel". To the right, there's a "Related Restaurants" sidebar with four entries, each showing a "Picture" and "Restaurant Title/Description". The footer contains links for "About", "FAQ", "Contact", and "Terms and Conditions".

Scroll through/read reviews
of the restaurant posted by
SF State students/personnel

Sequence 2: Writing a Review

The screenshot shows a web application interface for a restaurant review site. At the top, there is a navigation bar with links for Gator Connection, Home, Announcements, Housings, Items, Restaurants, and Map. A user profile for 'John' is also visible. Below the navigation bar, the main content area displays a restaurant's information: 'Restaurant Name' (placeholder), 'Restaurant Picture' (placeholder), and a 'Reviews' section. The reviews section includes fields for 'Review Title', 'Rating', 'Review Creator', and a large 'Review Description' text area. To the right of the reviews section, there is a sidebar titled 'Related Restaurants' containing four entries, each with a 'Picture' placeholder and 'Restaurant Title' and 'Restaurant Description' fields. A purple button labeled 'Write a Review' is located at the bottom of the reviews section. A callout bubble with arrows points from the 'Write a Review' button to the modal window and the text area in the reviews section. A text box on the right side of the modal contains the instruction: 'Click on the "Write a Review" button to open up the modal to submit a review.'

Location Value
Time Value
Take-out value
Description Value

Write a Review

Related Restaurants

Picture Restaurant Title
Restaurant Description

Click on the "Write a Review" button to open up the modal to submit a review.

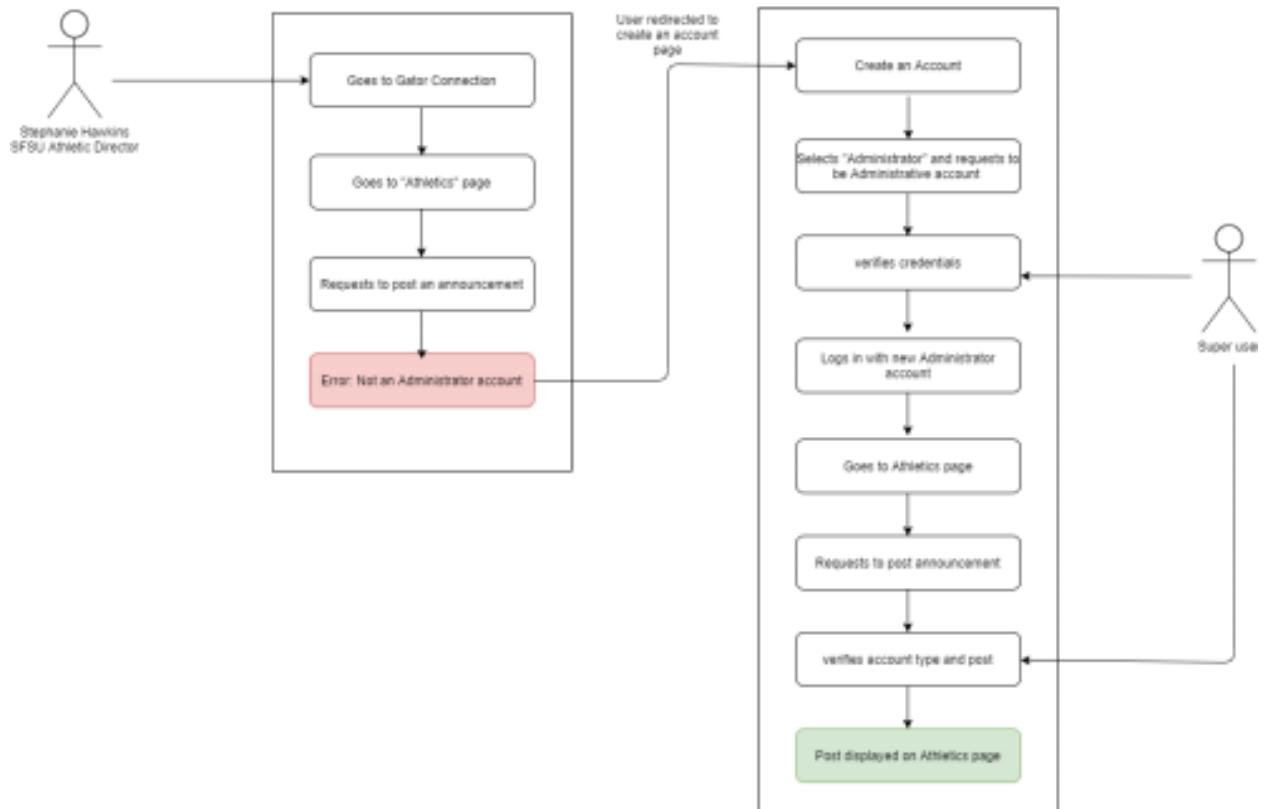
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Sequence 3: In Restaurant Review Modal

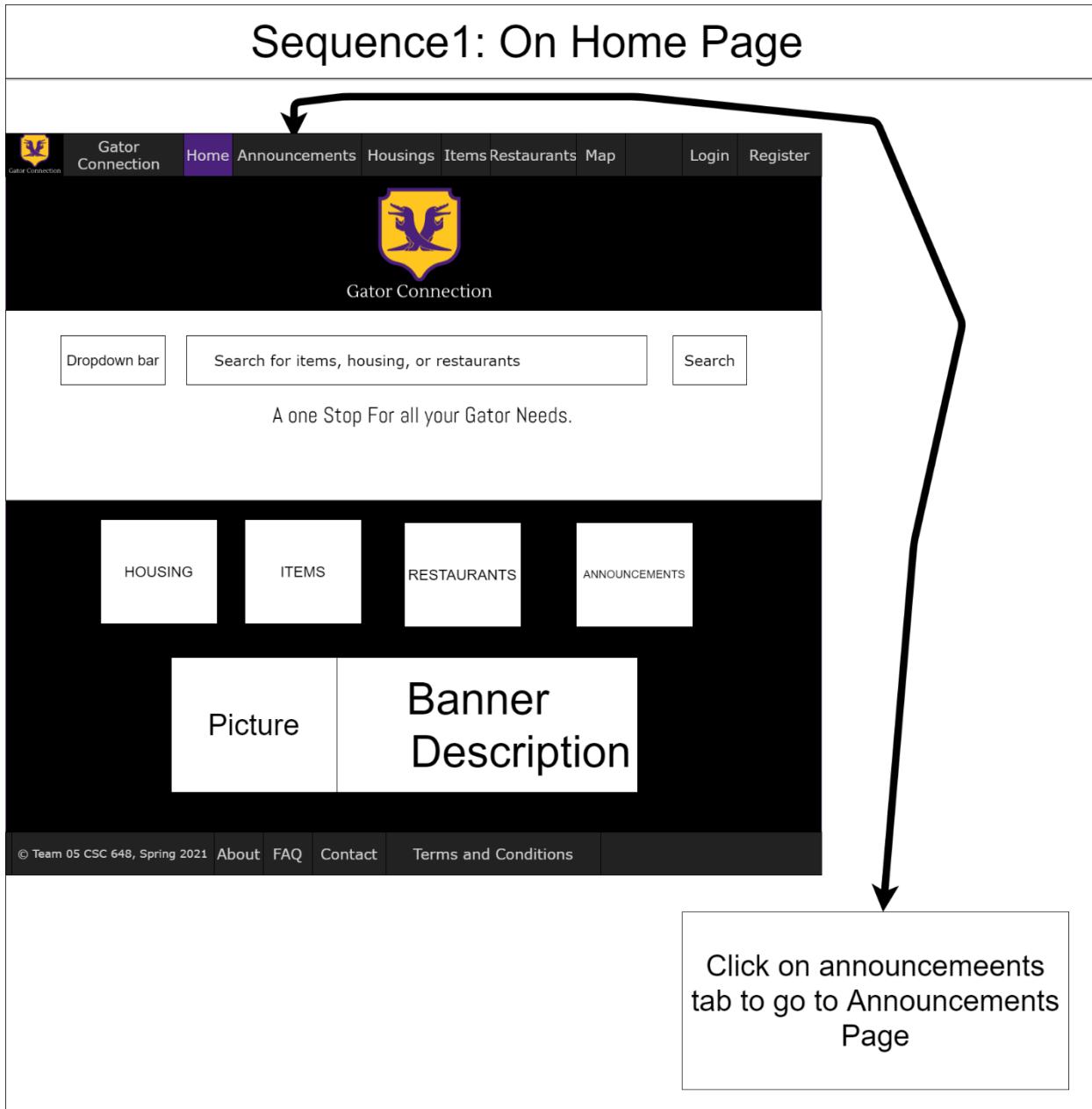
Write a Review	
<p>Title: _____ Enter Title for Review</p> <p>Select your rating: </p> <p>Write your review here</p> <p>*Note: Your name will be stored with this review.</p>	<p>Fill in all of the necessary information of the review and rate the restaurant.</p> <p>Press "Submit" to post the review</p>
<p>Submit</p> <p>Close</p>	

Case 4: Athletic Director at SFSU wants to announce upcoming events

Actors: Stephanie(User, Athletic Director)

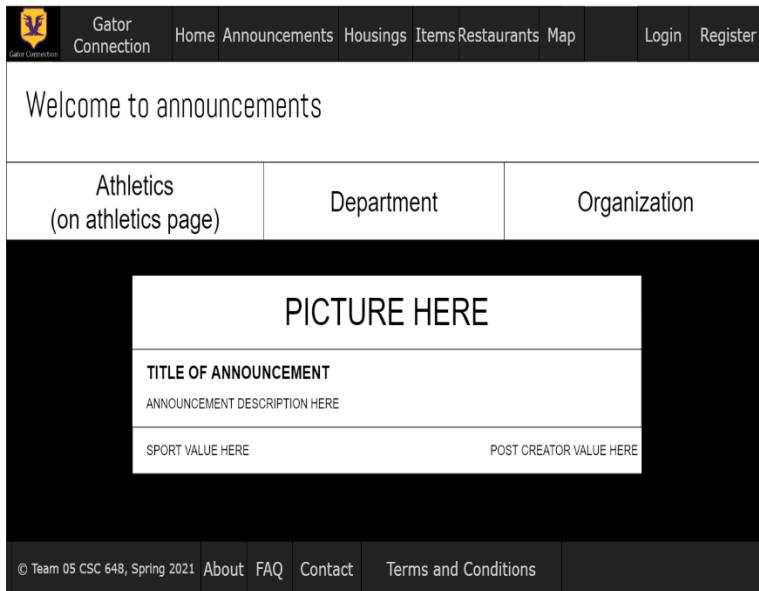


**Action 1: Goes to Announcements Page
(Stephanie Hawkins)**



**Action 2: Tries to Post Athletic announcement
(Stephanie Hawkins)**

Sequence2: On Announcement Page



can't post
anything because
not logged in as
admin athletic
account

**Action 3 and 4: Creates an athletic admin account, and signs in
(Stephanie Hawkins)**

Sequence1: Creating Admin account/Signing into Admin Account

The screenshot shows the Gator Connection website's navigation bar at the top, featuring a logo, the site name, and links for Home, Announcements, Housings, Items, Restaurants, Map, Login, and Register. A modal window titled "Register" is open in the center. The modal has tabs for Student, Admin (On Admin), and Super User, with "Admin (On Admin)" selected. It contains fields for First Name, Last name, Email, Sport, Position, and Password, along with a "Register" button. A note below the fields states: "By registering, you agree to Gator Connection's Terms and conditions." At the bottom of the modal are "Close" and "Already have an account? Click here to sign in" links.

Click On Register tab to bring up register modal
then switch to admin tab

Stephanie submits her credentials, then a super user has to verify them, shown in the following next boxes. She also goes into her email and clicks on the verification link.

Sequence2: Creating Super User account/Signing into Super User Account

The screenshot shows the Gator Connection website's navigation bar at the top, featuring links for Home, Announcements, Housings, Items, Restaurants, and Map, along with Login and Register buttons. Below the navigation bar is a modal window titled "Register". The modal has tabs for Student, Admin, and Super User (On Super User). The Super User tab is selected. Inside the modal, there are fields for First Name, Last name, Email, and Password, followed by a "Register" button and a link to sign in if already registered. A "Close" button is at the bottom right. A callout box points to the "Super User" tab with the instruction: "Click on Register to bring up Register modal, and click on Super User tab". Another callout box points to the "Register" button with the instruction: "Super User inputs info to register, then goes to email to click on the verification link. Someone then verifies this account, shown in the next step".

Click on Register to bring up Register modal, and click on Super User tab

Super User inputs info to register, then goes to email to click on the verification link. Someone then verifies this account, shown in the next step

Verify Admin/Super User account

The screenshot shows a dark-themed web application interface. At the top, there is a navigation bar with links for Home, Announcements, Housings, Items, Restaurants, and Map. On the far right of the top bar is a bell icon labeled "Super User". Below the navigation bar, there are two main sections: "Notifications" and "Requests". The "Notifications" section contains a message: "You have a notification from an admin creation" with a placeholder "TIME VALUE HERE". The "Requests" section contains a message: "Stephanie has requested to make an admin account" with placeholders "TIME VALUE HERE" and "CREATOR VALUE HERE", followed by two buttons: "accept?" and "reject?". A large gray arrow points from the "Super User" link in the top bar down to the "Requests" section. Another gray arrow points from the "reject?" button in the "Requests" section up to a callout box on the right side of the screen.

Gator Connection

Home Announcements Housings Items Restaurants Map Super User

Notifications Requests

You have a notification from an admin creation

TIME VALUE HERE

Stephanie has requested to make an admin account

TIME VALUE HERE CREATOR VALUE HERE

accept?

reject?

Click on bell to get to this page

Super User clicks here to verify account, works for both admin and super users

**Action 5: Goes back to announcements and makes an athletic announcement
(Stephanie Hawkins)**

Sequence 1: Back to Announcements

The screenshot shows the Gator Connection website interface. At the top, there is a navigation bar with links for Home, Announcements (which is highlighted in purple), Housings, Items, Restaurants, and Map. There is also a bell icon and a user profile for Stephanie. Below the navigation bar, a welcome message says "Welcome to announcements". Underneath, there are three categories: Athletics (on athletics page), Department, and Organization. A prominent purple button labeled "Create an Athletics Post!" is visible. Below this button is a placeholder "PICTURE HERE". Further down, there are fields for "TITLE OF ANNOUNCEMENT" and "ANNOUNCEMENT DESCRIPTION HERE", followed by "SPORT VALUE HERE" and "POST CREATOR VALUE HERE". At the bottom of the page, there is a footer with links for About, FAQ, Contact, and Terms and Conditions.

Now since Stephanie is logged in as an admin for athletics, she sees the button and clicks it to open a modal

Sequence 2: Makes an athletic announcement

Create an Athletics Post! X

Title:

Description:

Upload Images:
 no file chosen

Stephanie enters the title, description, and uploads a photo for her announcement



Action 6: See's her post on athletics
(Stephanie Hawkins)

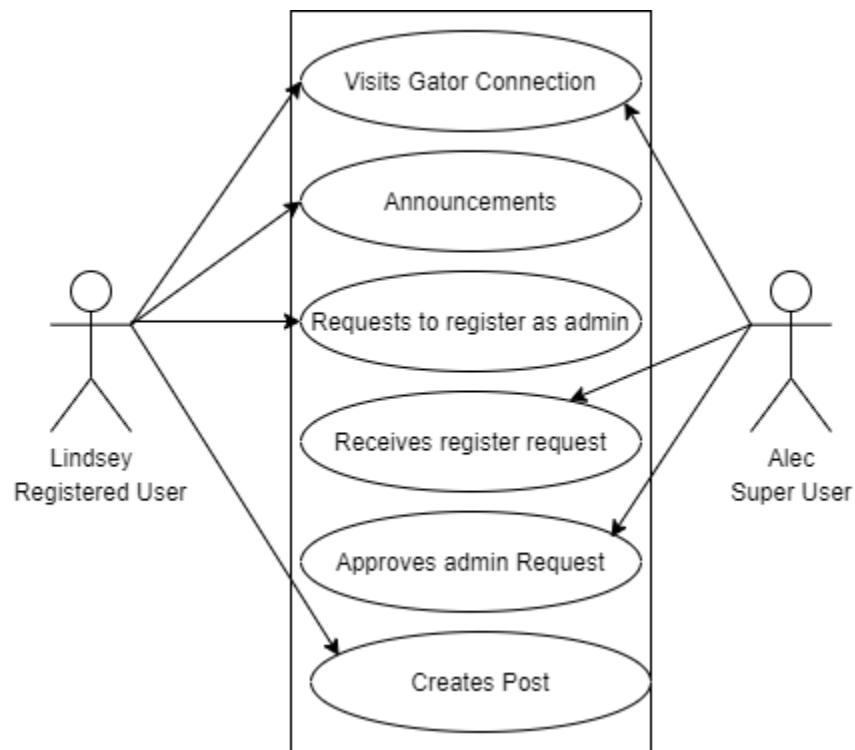
Stephanie see's her post on the feed

The screenshot shows the Gator Connection website interface. At the top, there is a navigation bar with links for Home, Announcements (which is highlighted in purple), Housings, Items, Restaurants, Map, and a user profile for Stephanie. Below the navigation bar, a welcome message reads "Welcome to announcements". Underneath, there are three categories: Athletics (on athletics page), Department, and Organization. A purple button labeled "Create an Athletics Post!" is visible. In the center, a white rectangular area contains the text "Stephanie's Post Here". At the bottom, a dark footer bar includes links for © Team 05 CSC 648, Spring 2021, About, FAQ, Contact, and Terms and Conditions.

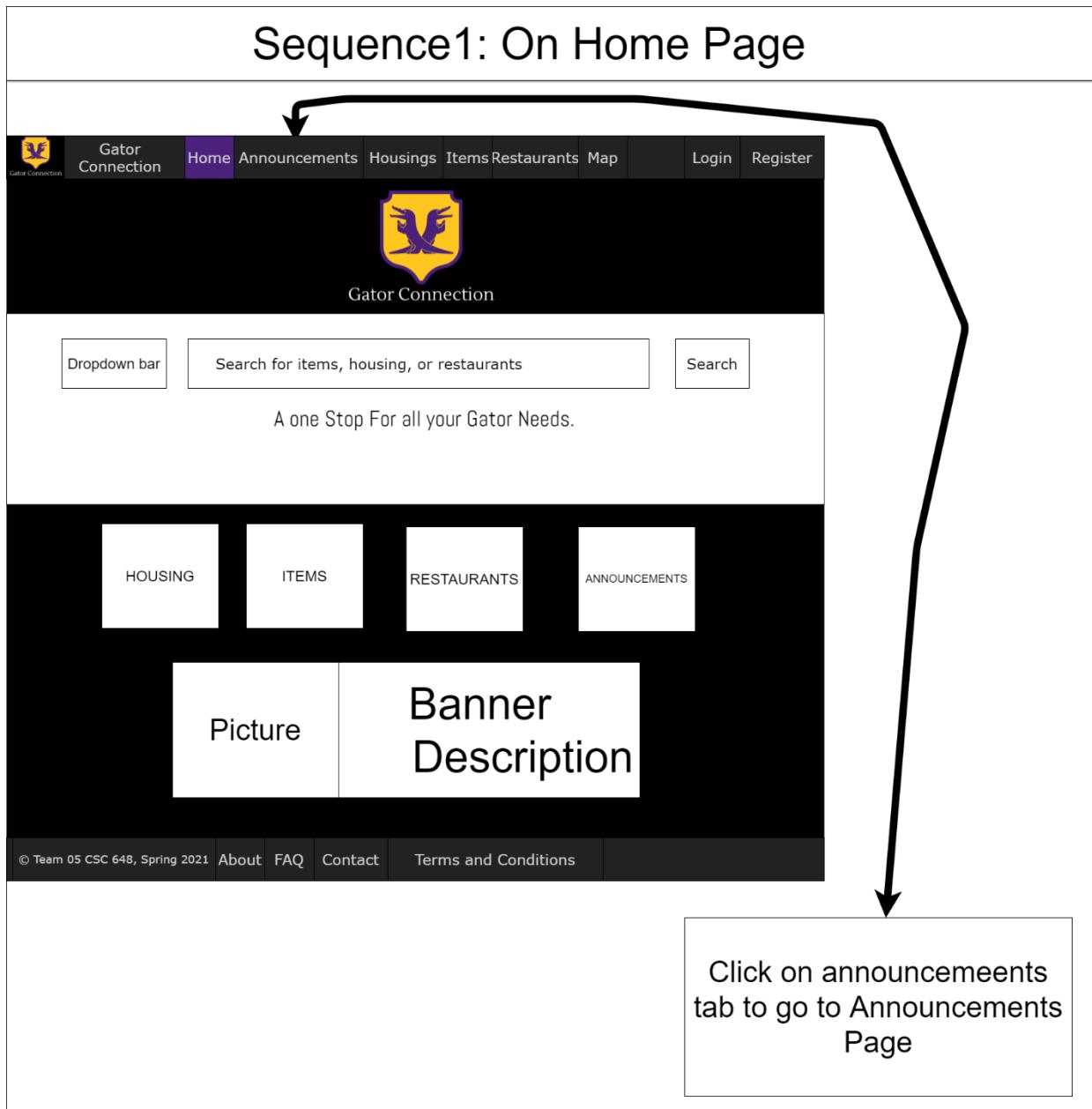
Stephanie
now see's
her post on
the feed

Case 5: President of SF Hacks wants to post about her upcoming events

Actors: Lindsey(Registered User), Alec(Super User)



**Action 1 and 2: Goes to Announcements and wants to post a department announcement
(Lindsay)**



Sequence2: On Announcement Page

The screenshot shows a website layout for "Gator Connection". At the top, there is a navigation bar with links: "Gator Connection" (with a logo), "Home", "Announcements" (which is highlighted in purple), "Housings", "Items", "Restaurants", and "Map". To the right of the navigation are "Login" and "Register" buttons. Below the navigation, a welcome message "Welcome to announcements" is displayed. Underneath this, there are three categories: "Athletics", "Department (on department page)", and "Organization". A large black rectangular area contains a placeholder "PICTURE HERE" and a white rectangular box for an announcement. The announcement box has fields for "TITLE OF ANNOUNCEMENT" (containing "ANNOUNCEMENT DESCRIPTION HERE"), "SPORT VALUE HERE" (containing "POST CREATOR VALUE HERE"), and "Terms and Conditions". At the bottom of the page, there is a footer with links: "© Team 05 CSC 648, Spring 2021", "About", "FAQ", "Contact", and "Terms and Conditions".

can't post
anything because
not logged in as
admin
department
account

**Action 3 and 4: Decides to request to make an admin department account, then signs in
(Lindsay)**

Sequence1: Creating Admin account/Signing into Admin Account

The screenshot shows the Gator Connection website's navigation bar with links for Home, Announcements, Housings, Items, Restaurants, Map, Login, and Register. A yellow arrow points from the 'Register' link to a modal window titled 'Register'. The modal has tabs for Student, Admin (On Admin), and Super User, with 'Admin (On Admin)' selected. It contains fields for First Name, Last name, Email, Sport, Position, and Password, along with a 'Register' button and a note about agreeing to terms and conditions. Another yellow arrow points from the 'Register' button to a callout box containing the following text:

Click On Register tab to bring up register modal then switch to admin tab

Lindsay submits her credentials, then a super user has to verify them, shown in the following next boxes. She also goes into her email and clicks on the verification link.

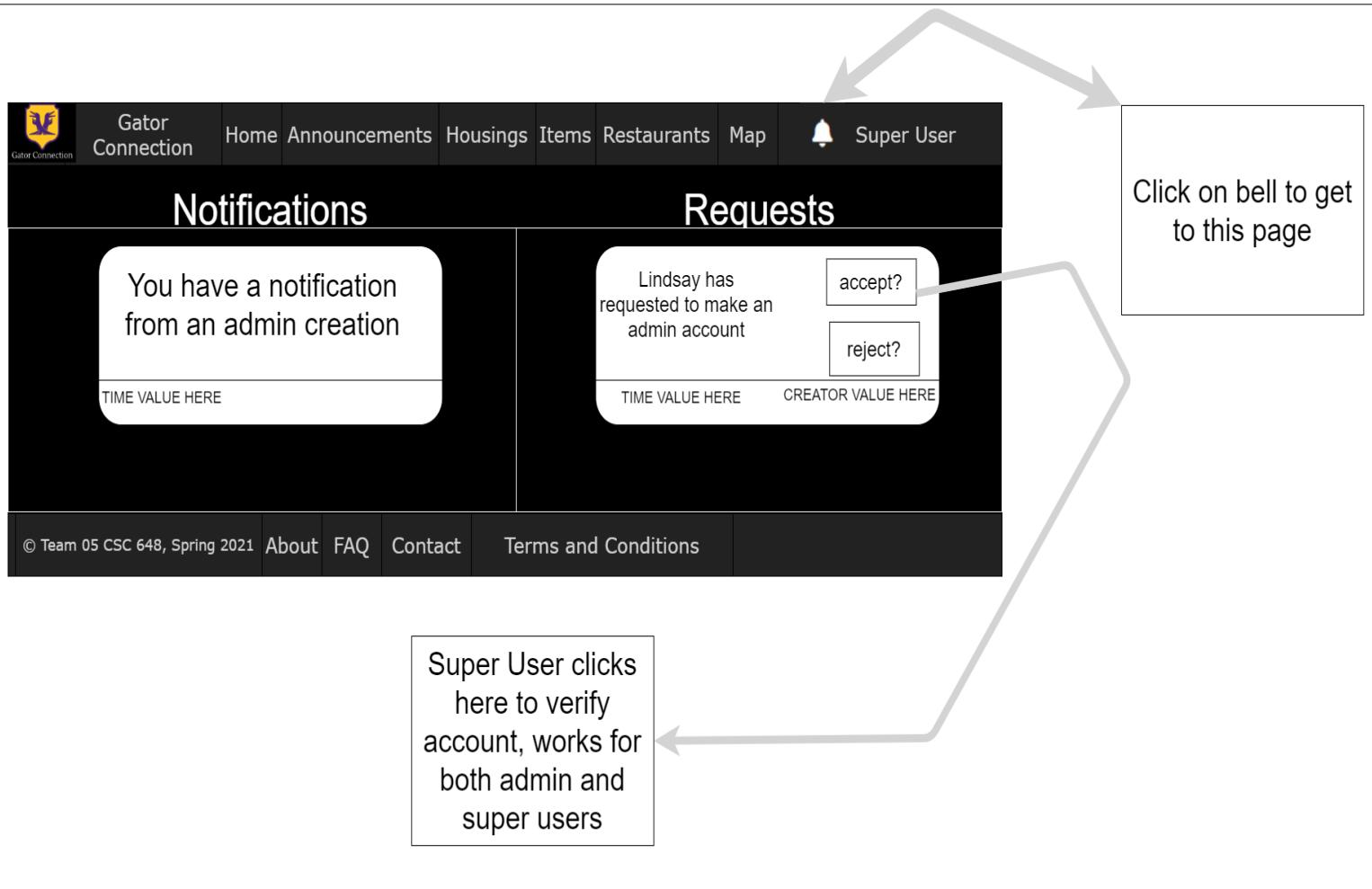
Sequence2: Creating Super User account/Signing into Super User Account

The screenshot shows the Gator Connection website's navigation bar at the top, featuring links for Home, Announcements, Housings, Items, Restaurants, and Map, along with Login and Register buttons. Below the navigation bar is a modal window titled "Register". The modal has tabs for Student, Admin, and Super User (On Super User). The "Super User (On Super User)" tab is selected. Inside the modal, there are fields for First Name, Last name, Email, and Password, followed by a "Register" button and a link to sign in if already registered. A "Close" button is at the bottom right. A callout box points to the "Register" button and the "Super User (On Super User)" tab with the text: "Click on Register to bring up Register modal, and click on Super User tab". Another callout box points to the "Close" button with the text: "Super User inputs info to register, then goes to email to click on the verification link. Someone then verifies this account, shown in the next step".

Click on Register to bring up Register modal, and click on Super User tab

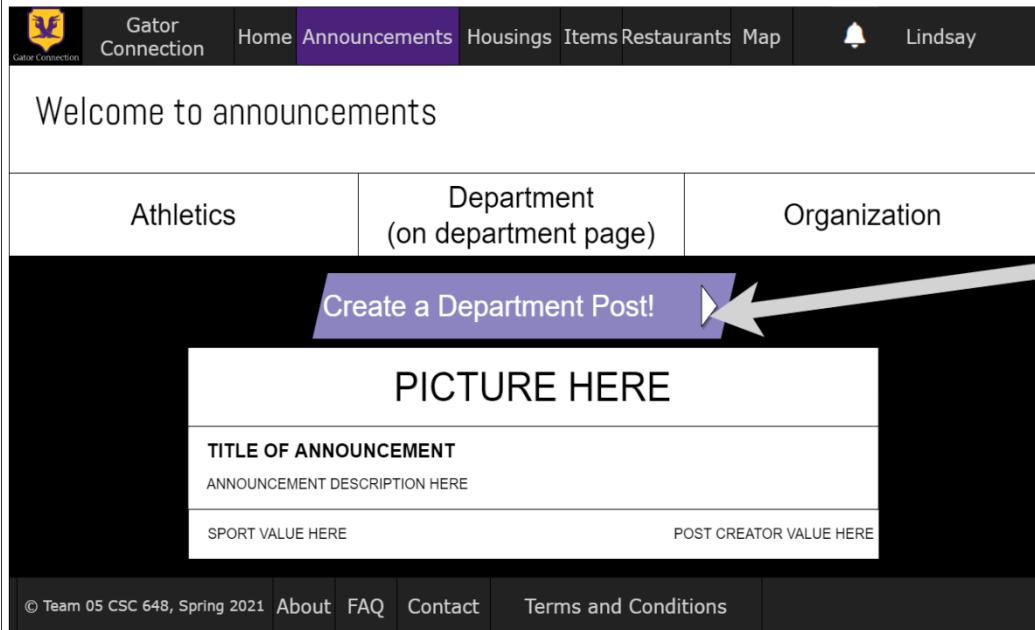
Super User inputs info to register, then goes to email to click on the verification link. Someone then verifies this account, shown in the next step

Verify Admin/Super User account



Action 5: Makes an announcement Department Post: (Lindsay)

Sequence 1: Back to Announcements



Now since Lindsay is logged in as an admin for department, she see's the button and clicks it to open a modal

Sequence 2: Makes a Department announcement

Create an Athletics Post! X

Title:

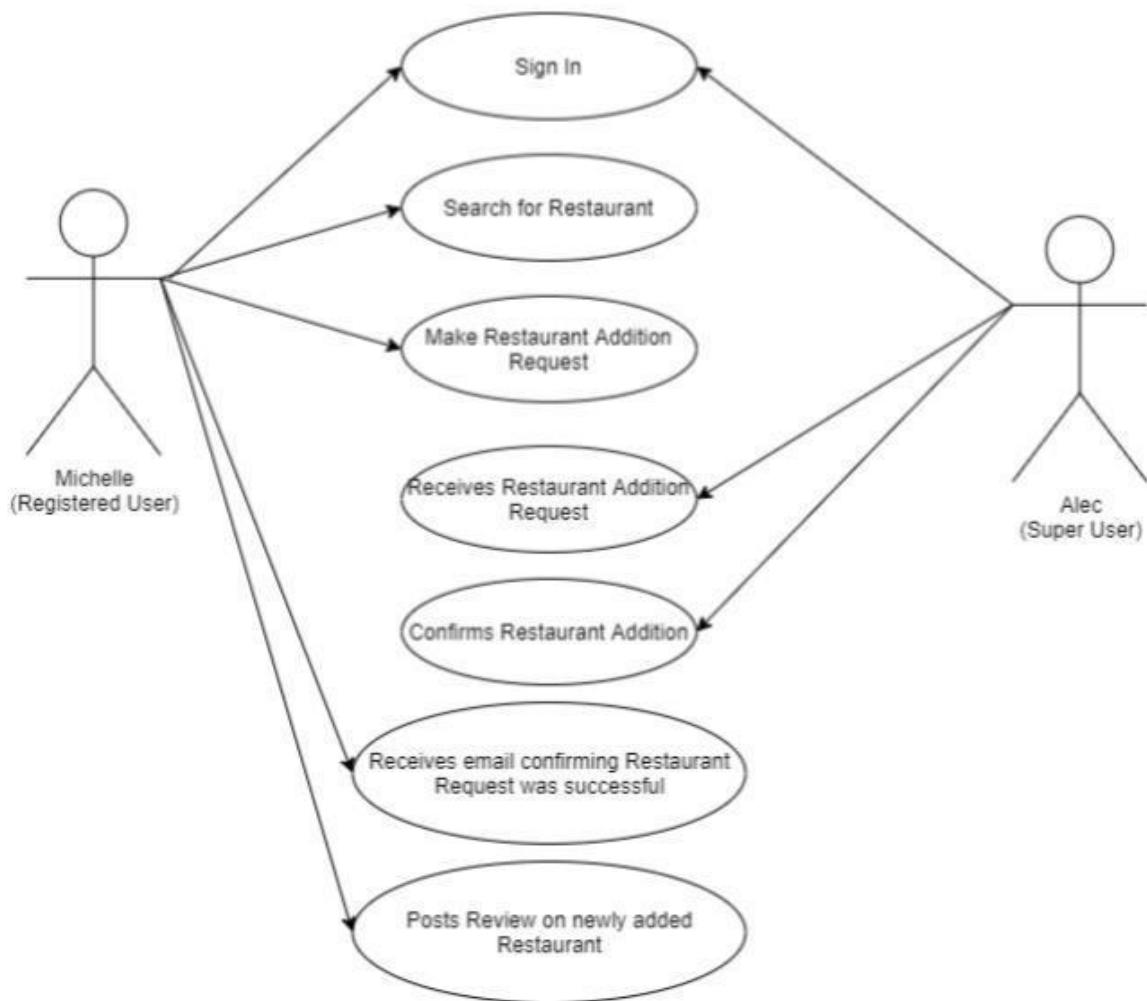
Description:

Upload Images:
 no file chosen

Lindsay enters the title, description, and uploads a photo for her announcement

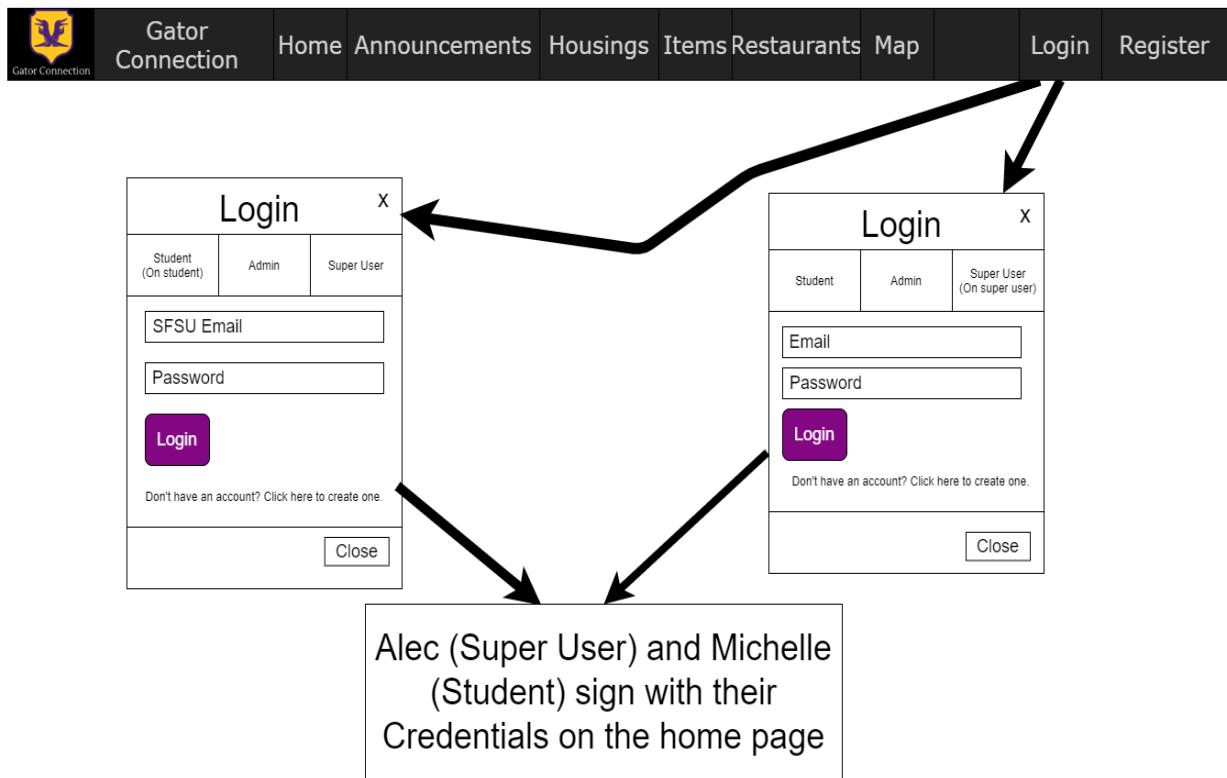


Case 6: Student at SFSU wants to add a Restaurant
Actors: Michelle (Registered User), Alec (Super User)



Action 1: Sign In (Michelle, Alec)

On Home Page in Login Modals



Action 2: Search for Restaurant (Michelle)

Sequence 1: On Home Page

Click on "Restaurants" tab to go to Restaurants page

The screenshot shows the Gator Connection website homepage. At the top, there is a navigation bar with tabs: Home (highlighted in purple), Announcements, Housings, Items, Restaurants (highlighted in orange), Map, and a user profile for Michelle. Below the navigation bar is a large yellow shield logo with a purple alligator. The text "Gator Connection" is displayed below the logo. In the center of the page is a search bar with the placeholder text "Search for items, housing, or restaurants". To the left of the search bar is a "Dropdown bar" button. To the right is a "Search" button. Below the search bar, the text "A one Stop For all your Gator Needs." is displayed. At the bottom of the page, there are four white rectangular buttons labeled "HOUSING", "ITEMS", "RESTAURANTS", and "ANNOUNCEMENTS". A banner at the bottom features a picture on the left and the text "Banner Description" on the right. The footer contains links: © Team 05 CSC 648, Spring 2021, About, FAQ, Contact, and Terms and Conditions.

Sequence 2: On Restaurants Page

The screenshot shows the Gator Connection website interface. At the top, there is a navigation bar with links for Home, Announcements, Housing, Items, Restaurants (which is highlighted in purple), and Map. To the right of the navigation bar is a user profile for Michelle, which includes a bell icon for notifications. Below the navigation bar, a large header says "Welcome to Restaurants". Underneath the header is a search bar with three input fields: "Dropdown bar", "Select what to search for from the dropdown bar", and a "Search" button. The main content area is black and displays the message "No Restaurants Found". Below this message is a purple button with the text "Don't see what you're looking for? Click here to add a restaurant". At the bottom of the page is a footer with links for "About", "FAQ", "Contact", and "Terms and Conditions". A callout box in the bottom right corner contains the text "Michelle searches for the restaurant she wants but cannot find it even though she knows it exists".

Gator Connection

Home Announcements Housing Items Restaurants Map

Michelle

Welcome to Restaurants

Dropdown bar Select what to search for from the dropdown bar Search

No Restaurants Found

Don't see what you're looking for? Click here to add a restaurant

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Michelle searches for the restaurant she wants but cannot find it even though she knows it exists

Action 3: Make Restaurant Addition Request (Michelle)

Sequence 1: On Restaurants Page

The screenshot shows the 'Restaurants' page of the Gator Connection website. At the top, there is a navigation bar with links for Home, Announcements, Housings, Items, Restaurants (which is highlighted in purple), and Map. To the right of the navigation bar is a user profile for 'Michelle' with a bell icon. Below the navigation bar, a welcome message 'Welcome to Restaurants' is displayed. Underneath this, there is a search interface consisting of a 'Dropdown bar' button, a text input field containing 'Select what to search for from the dropdown bar', and a 'Search' button. A large black rectangular area below the search bar displays the text 'No Restaurants Found'. At the bottom of the page, there is a footer bar with links for © Team 05 CSC 648, Spring 2021, About, FAQ, Contact, and Terms and Conditions. A callout box with a blue arrow points to the 'About' link in the footer. Another callout box with a grey arrow points to a button labeled 'Click on this button to open up the "Request a Restaurant" modal.' located in the center of the page.

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Click on this button to open up the "Request a Restaurant" modal.

Sequence 2: In "Request a Restaurant" modal

Request a restaurant x

Name: _____
Restaurant Name _____

Zip Code: _____ Number: _____
Zipcode _____ Number _____

Street: _____
Street _____

City: _____
City _____

Business Hours:

Open: _____ Close: _____

Takeout Available: yes no

Description: _____
Enter Description of Restaurant here

Upload Images:
 choose file no file chosen

Submit

Close

Fill in all of the respective information about the restaurant you want to add.

Press the "Submit" button to submit the restaurant addition request



Action 4: Verify Restaurant Request (Super User Alec)

Verify Restaurant Request

Gator Connection Home Announcements Housings Items Restaurants Map Alec

Notifications Requests

You have a notification from restaurants

TIME VALUE HERE

Restaurant Info: XXXX

Accept

Reject

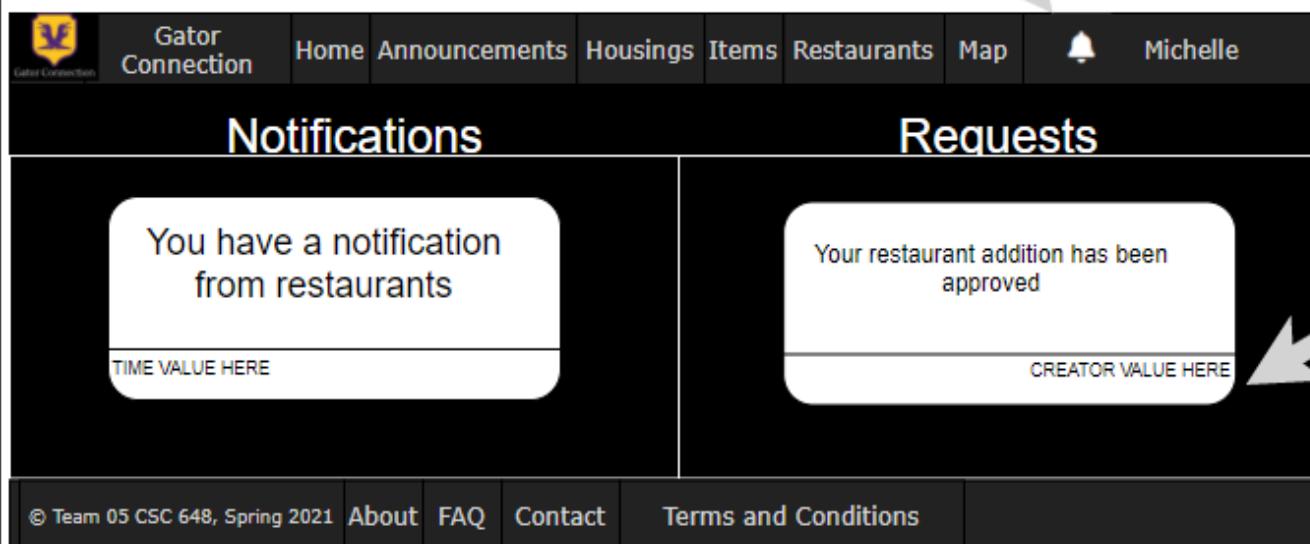
CREATOR VALUE HERE

Click on bell to get to this page

Alec clicks accept to accept the restaurant addition

Action 5: Notified of Approved Restaurant Addition through email and notifications

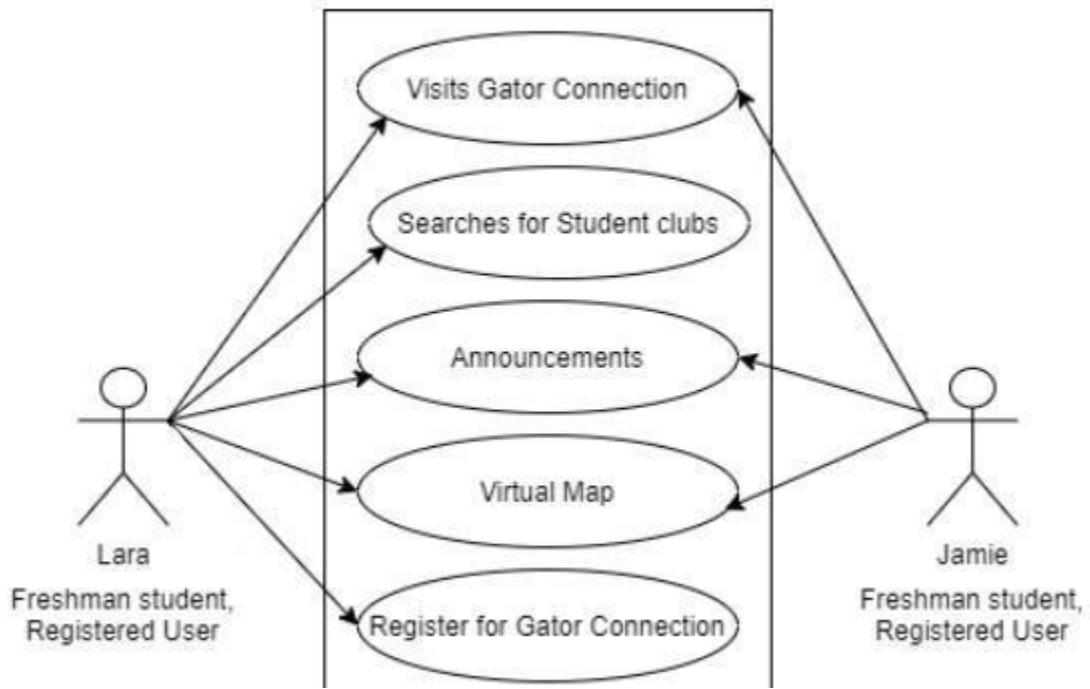
Michelle receives notification of addition of restaurant through notification and email



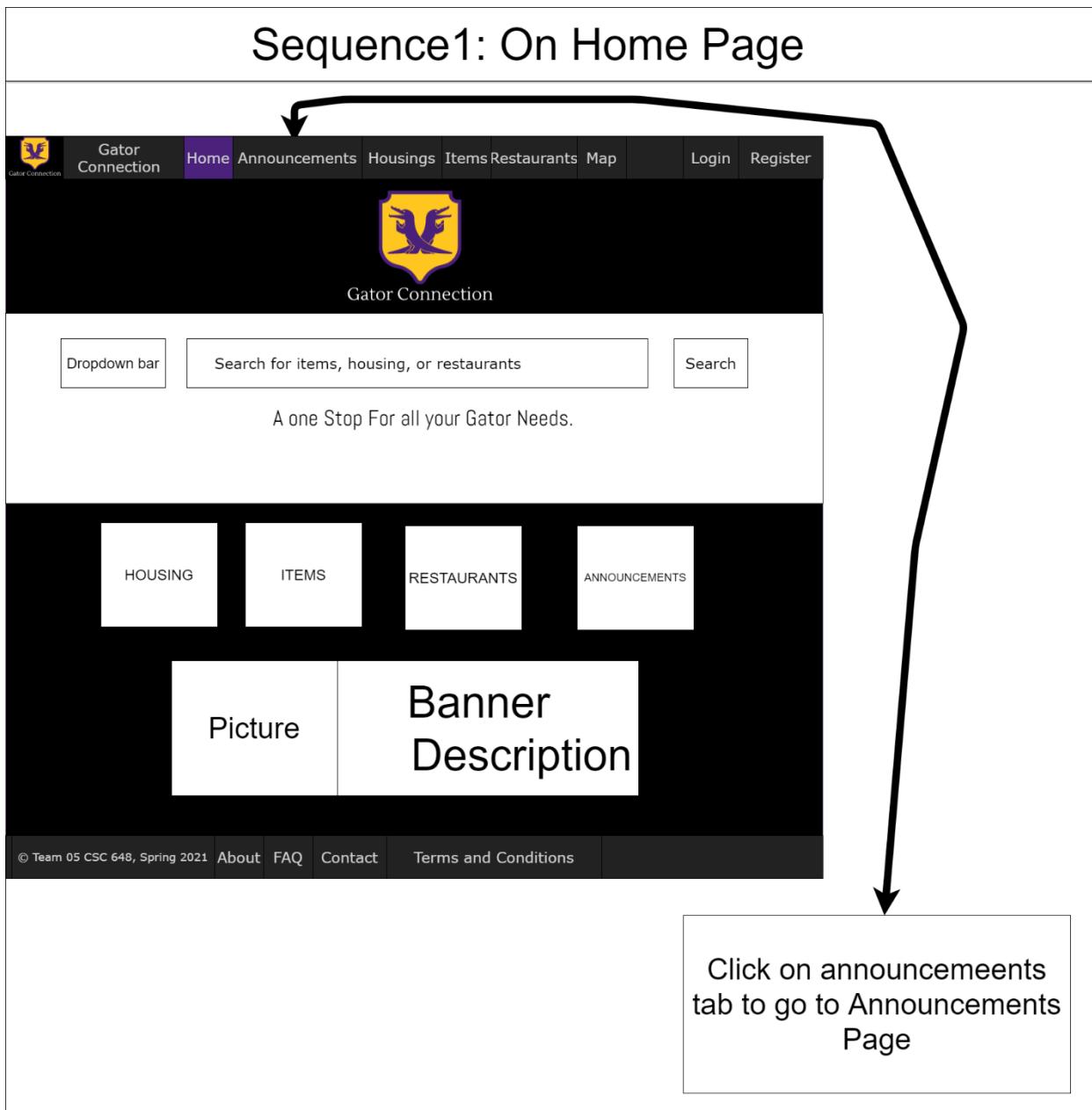
Click on bell to get to this page

Michelle receives a notification and email that her restaurant addition request has been accepted

Case 7: Two Freshman at SFSU want to join a club but want more information
Actors: Lara (Registered User), Jamie (Registered User)



Action 1 and 2: Goes to Announcements and wants to find a club to join on Organization (Lara)



Sequence2: On Announcement Page

The screenshot shows a website layout for "Gator Connection". At the top, there is a navigation bar with links: Home, Announcements (which is highlighted in purple), Housings, Items, Restaurants, Map, Login, and Register. Below the navigation bar, a welcome message "Welcome to announcements" is displayed. Underneath this, there is a header row with three categories: Athletics, Department, and Organization (On Organization Tab). The main content area features a large black rectangular box containing placeholder text and icons. Inside this box, there is a white rectangular area labeled "PICTURE HERE" at the top. Below this, there is a section labeled "TITLE OF ANNOUNCEMENT" and "ANNOUNCEMENT DESCRIPTION HERE". At the bottom of this white area, there are two smaller sections: "SPORT VALUE HERE" on the left and "POST CREATOR VALUE HERE" on the right. A grey arrow points from the text "Click on picture to open up Post page" to the "PICTURE HERE" placeholder.

Gator Connection

Welcome to announcements

Athletics Department Organization
(On Organization Tab)

PICTURE HERE

TITLE OF ANNOUNCEMENT
ANNOUNCEMENT DESCRIPTION HERE

SPORT VALUE HERE POST CREATOR VALUE HERE

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Click on picture
to open up Post
page

Action 3: Goes to Announcements and wants to find a club to join on Organization (Lara)

On Post Page

PHOTO WITH ANNOUNCEMENT HERE

TITLE OF ANNOUNCEMENT
POST CREATOR VALUE HERE
TIME POST CREATED HERE
The event will be held at:
CESAR CHAVEZ STUDENT CENTER SAN FRANCISCO STATE UNIVERSITY

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Lara and Jamie copy the address of the event

Action 4: Goes to to Virtual Map after getting the address
(Lara)

On Map Page

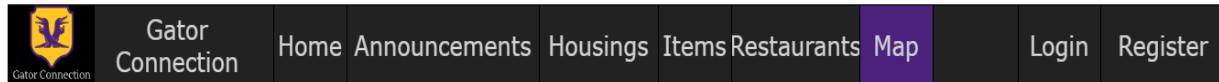
Click on Map page to go to Map

Lara and Jamie type the address: CESAR CHAVEZ
STUDENT CENTER SAN FRANCISCO STATE
UNIVERSITY
in the search bar and proceeds to look at the map here
to find their way to the event

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**Action 5: Registers for Gator Connection after having a fun time at the event
(Lara)**

Creating account/Signing into Account

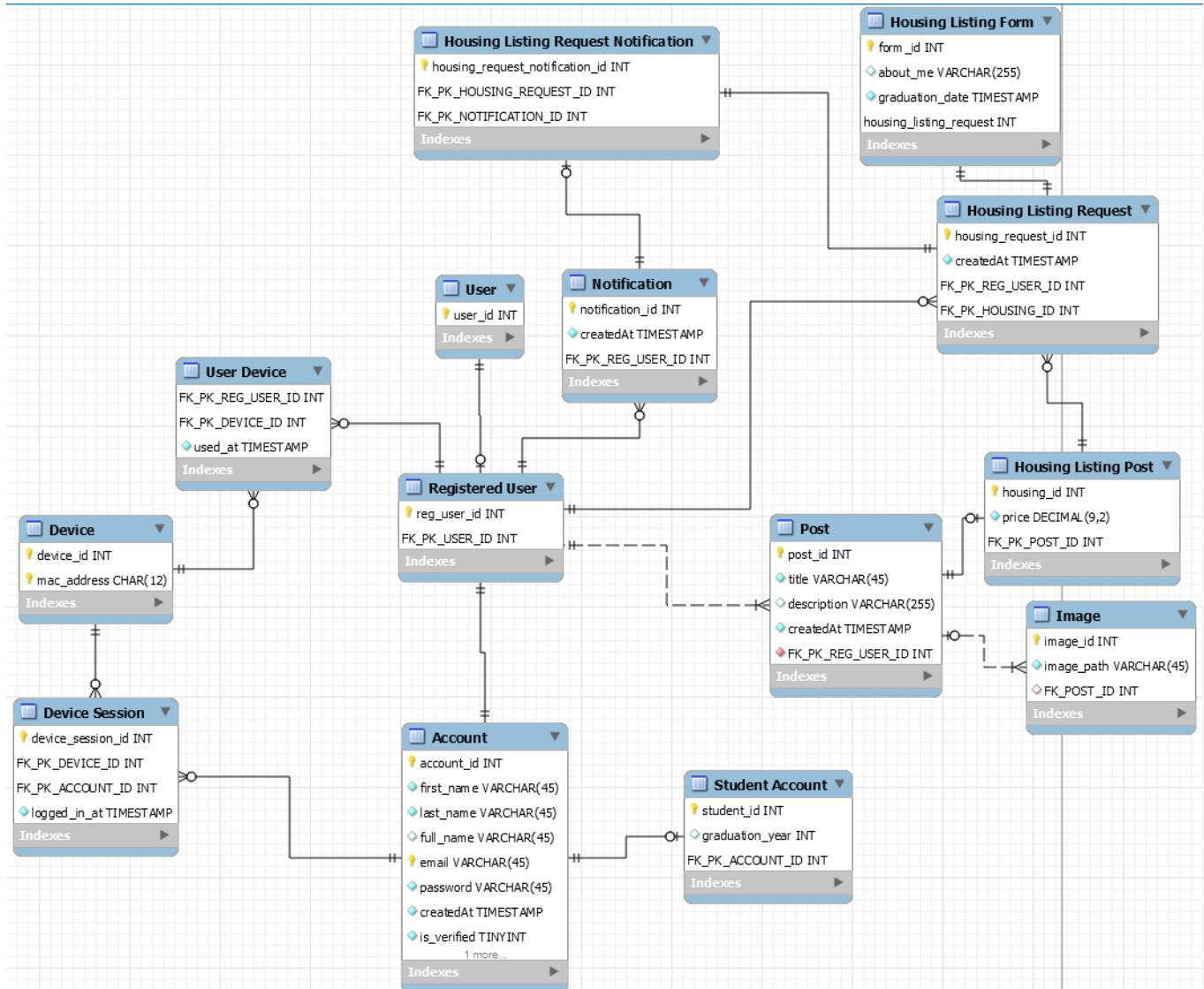


Click on Register to bring up Register Modal

The "Register" modal window is displayed. It has a title bar with "Register" and an "X". Below the title bar are three buttons: "Student (On student)", "Admin", and "Super User". A note states: "By registering, you agree to Gator Connection's Terms and conditions." The form contains five input fields: "First Name", "Last name", "SFSU Email", "Graduation Year", and "Password". At the bottom is a large purple "Register" button. Below the button is a link: "Already have an account? Click here to sign in". At the very bottom is a "Close" button.

Lara proceeds to enter her first name, last name, SFSU email, graduation year, password into the respective boxes. She then clicks register to finish making her account. She then clicks on the verification link in her email to use the features

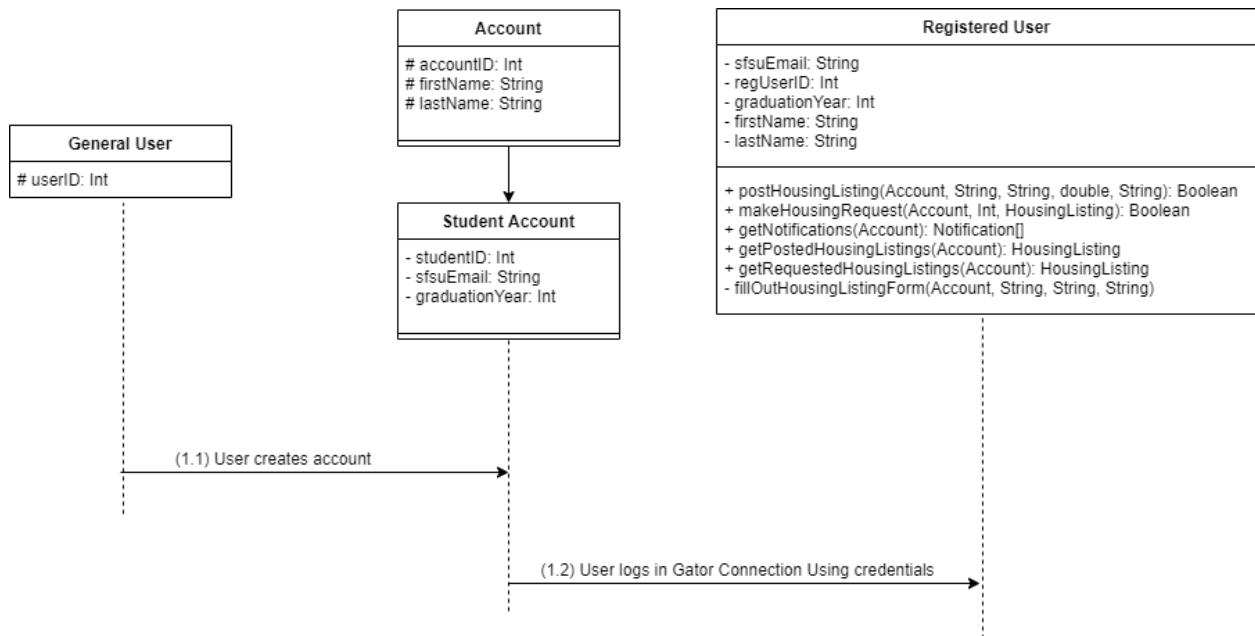
High Level Database Architecture and Organization V2



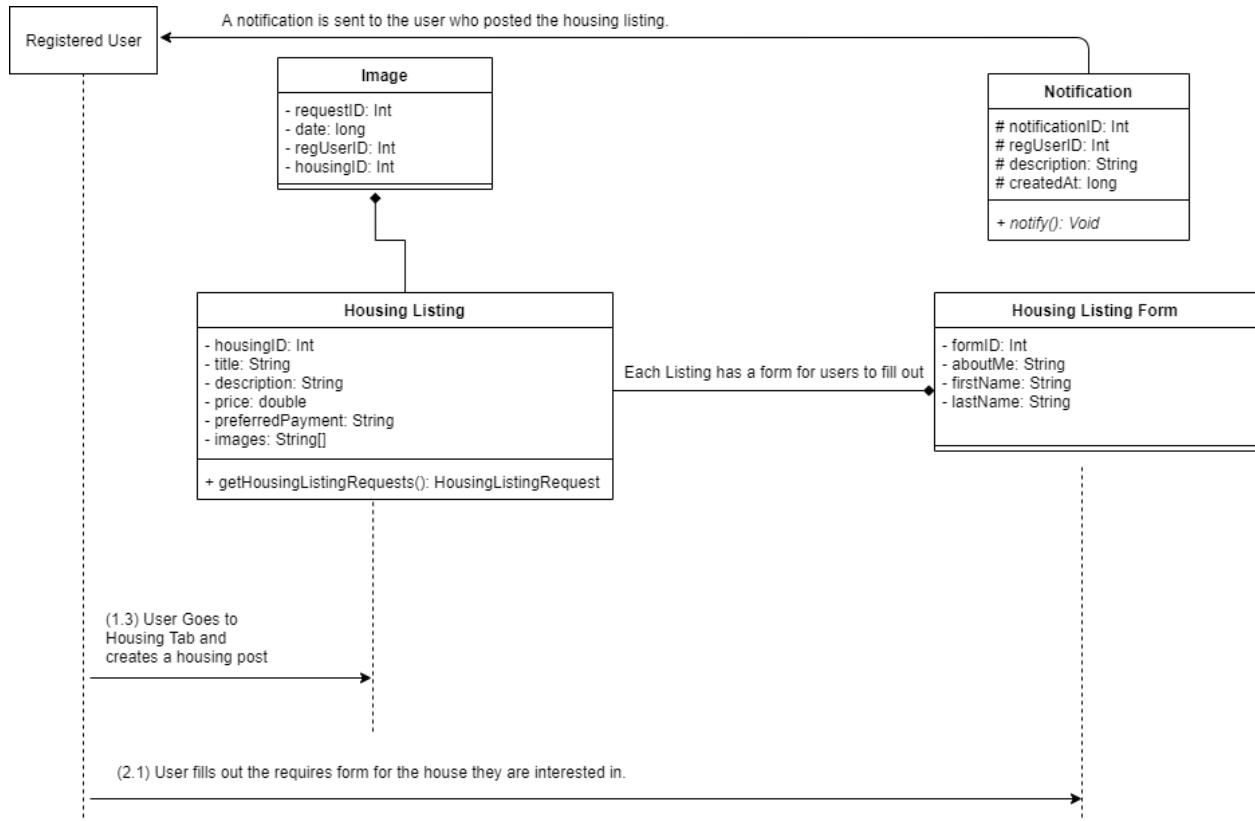
High Level Diagrams V2

High Level UML Diagram

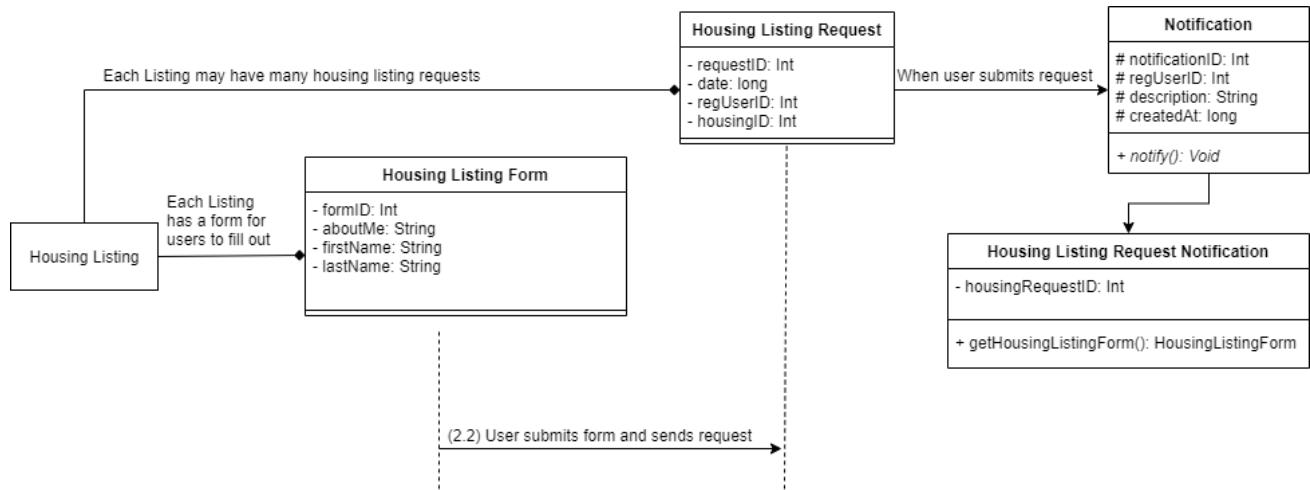
1. Association and Relationships between the General User, Registered User, Account, and Student Account.



2. *Associations and Relationships between Registered User, which was already defined above, Housing Listing, Image, Housing Listing Form, and Notification.*

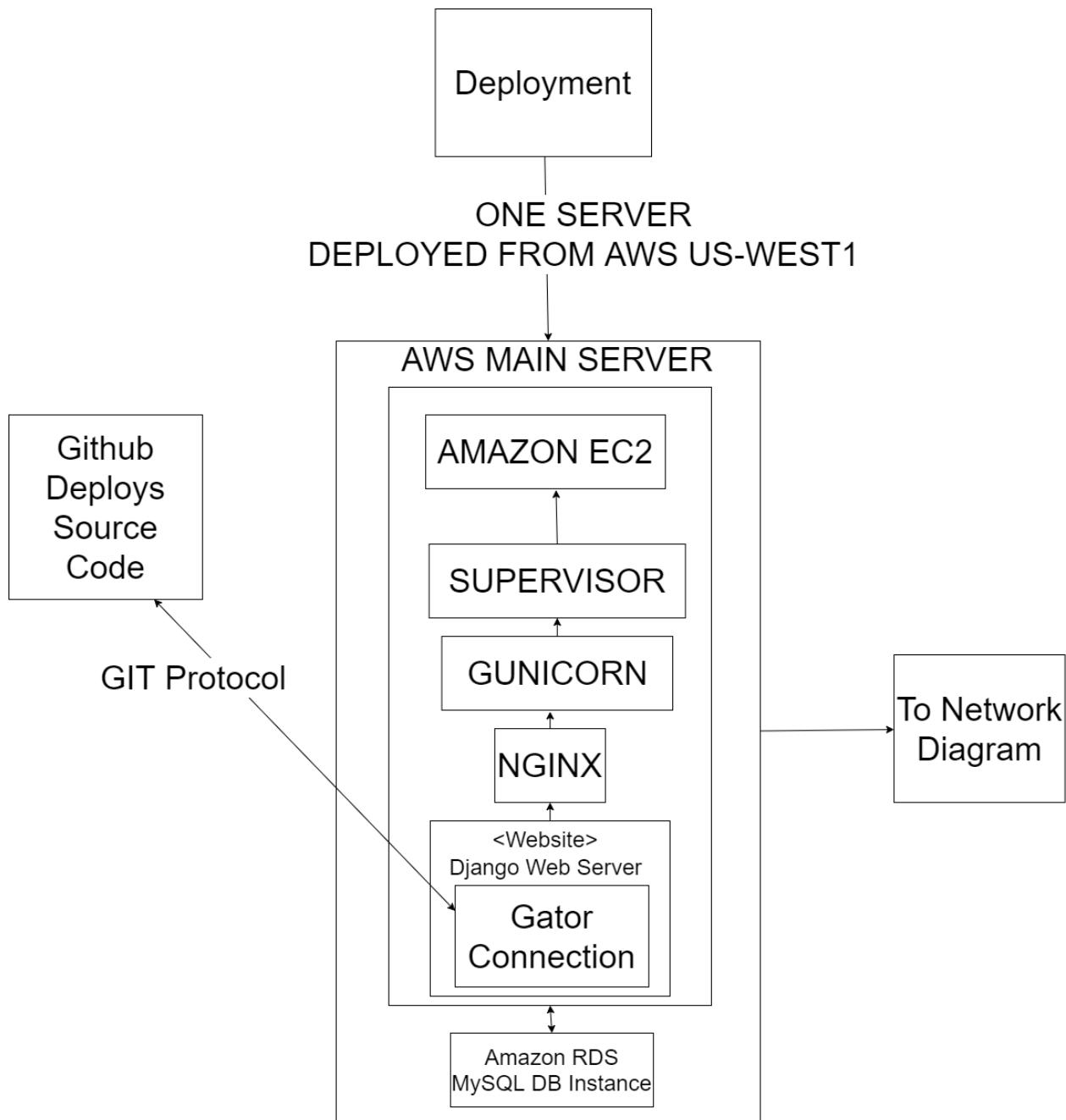


3. *Associations and relationships between Housing Listing, which was already defined above, Housing Listing Form, Housing Listing Request, Notification, and Housing Listing Request Notification.*

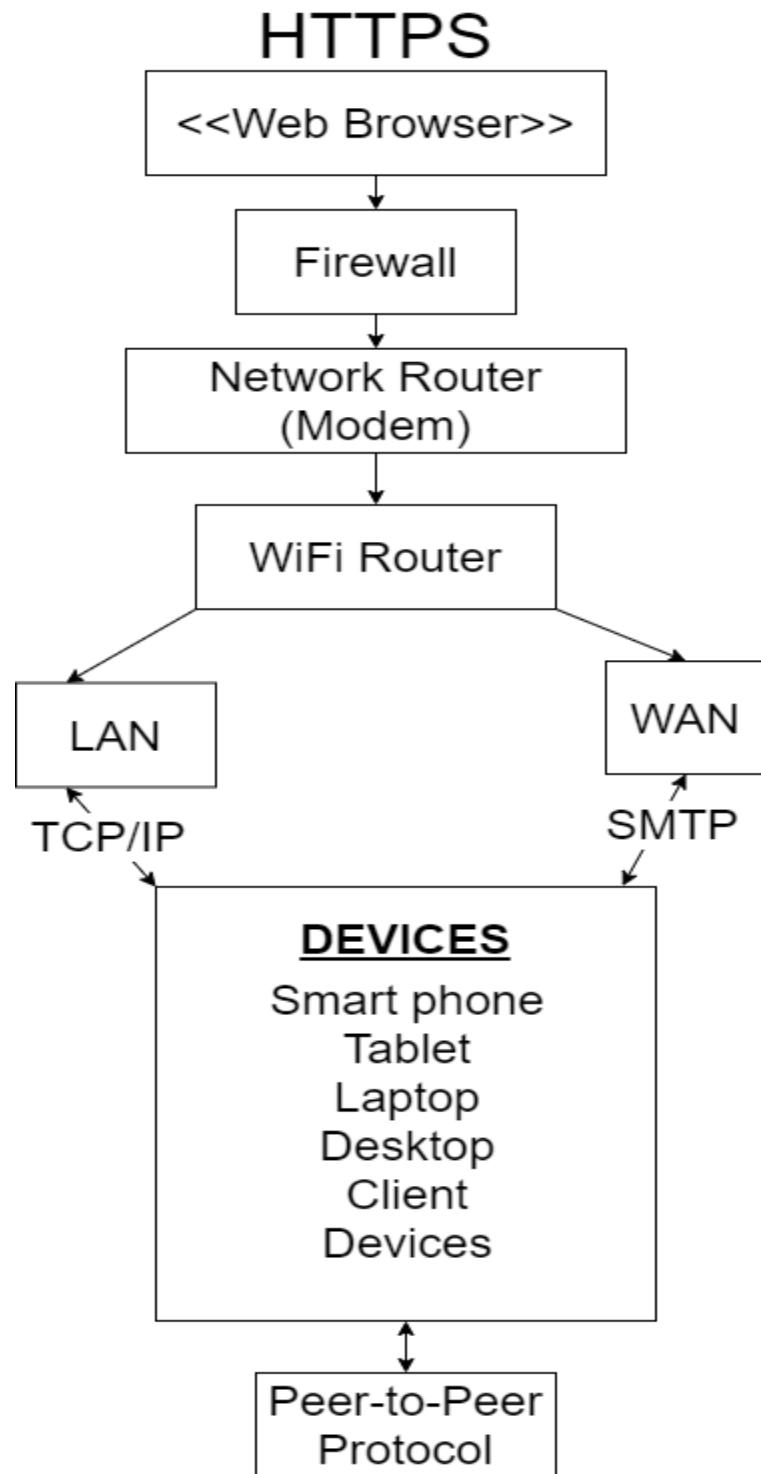


High Level Application Network and Deployment Diagrams

Deployment Diagram:



Application Network Diagram:



List of Contributions

Jiaxin:

a) Backend:

Backend features that Jiaxin was tasked to work on was the email feature, specifically:

i) **email_helper.py file:**

In the `email_helper.py` file, it is used to send out emails after certain actions, such as registering, requesting a housing listing, requesting an item, etc. We did manage to get an email to be sent out after a user registers but decided to disable it for this current horizontal prototype.

ii) **item.py file:**

Jiaxin set up the basic framework for the items endpoint, such as being able to post an item, render an item post, etc.

b) Frontend:

Frontend features that Jiaxin worked on was:

i) **items.html**

In the `items.html` file, Jiaxin provided the basic rendering to show the items coming from the database.

Carmen:

a) Frontend:

Frontend features that Carmen worked on was setting up the basic layout of the grid system that we have in:

- i) items.html**
- ii) housing.html**

In these files, Carmen set up the grid system that we have in there. There a user can select a “list” option, so the listing objects can be presented in a vertical fashion. By selecting grid, a user can set these objects at most 4 across, where it will make another row.

Another Frontend feature that Carmen worked on was designing the logo that we have at the top left and aligning it to make sure it matches the orientation on the navbar.

Furthermore, Carmen added a placeholder value for our searchable map, so it would always go to SFSU.

b) documentation:

Things for the M3 document that Carmen worked on specifically was getting the rough draft for our wireframes ready, specifically for Wireframes 5 and 6.

Bikram:

a) Frontend:

Frontend features that Bikram worked on was setting up dummy pages, specifically:

- i) **restaurant_post(1-3).html**
- ii) **announcements_post(1-3).html**
- iii) **housing/item_post1.html**
- iv) **notification.html**

In these files, Bikram set up dummy pages. By having these dummy pages, when it came time to have our data from the database all styled up, we could easily copy the html, switch out the variables and everything would be rendered up to our specifications. Furthermore, a dummy page was set up to some extent in **restaurant.html**, where after it was done, we were able to copy dynamic data from the database and apply css on it.

Furthermore, Bikram also worked on setting up the **maps.html** page we have, including the searching option that is currently there as well.

b) Documentation:

Things for the M3 document that Bikram worked on specifically was getting the rough draft for our wireframes ready, specifically for Wireframes 7 and 8.

Lakshita:

a) Frontend:

Frontend features that Lakshita worked on was setting up the button format shown below:



After this button was created and applied to our **housing.html**, **item.html**, and **restaurants_home.html** page by Lakshita, Alec was able to easily copy the html and css for it and apply it to our **announcements_home.html**, and all the **_detail.html** pages from items, housing, and announcements.

Furthermore, another frontend feature Lakshita worked on was expanding the grid system we have in our **housing.html** and **item.html** pages. She expanded upon it in a way so that it was cleaned up previously, and now implements the “shadow” card system shown there, similarly to Craigslist.

Additionally, Lakshita also provided the “banner” photos and the welcome text in the **housing.html**, **item.html**, **restaurants_home.html**, and **announcements_home.html** files. These banners show a photo representing the page. She also implemented new ttf fonts for the headings.

b) Documentation:

Things for the M3 document that Lakshita worked on specifically was getting the rough draft for our wireframes ready, specifically for Wireframes 3 and 4.

c) Scriber and Editor

Lakshita volunteered to be the scribe for notes during our project presentation for its implementation in our upcoming milestones.

Lakshita worked on editing the documentation for all individual sections to be submitted as a final M3 pdf.

Angelo:

a) Backend:

Backend features that Angelo worked on was making the logic work for passing in database data into the respective html page, specifically:

i) **housing.py file:**

In the housing.py file, Angelo worked on getting the logic right to pass the data into the respective **housing.html** file. By doing this, we were able to render text from the database into the html page, which we could style as necessary. Furthermore, after getting the logic done, we were able to copy the logic for the housing endpoint and apply it to other endpoints, such as those on **item.py** and **announcement.py**. By having the logic done, we were able to easily apply it to other endpoints. Going off rendering from the database, Angelo collaborated with Benjamin to create a way to render images without storing it in the database, rather, in the project itself. By applying the logic for this, we were able to successfully have dynamic images render from what the user would submit.

b) Frontend:

Frontend features that Angelo worked on was getting the logic right to render database data on:

i) **housing.html file**

By getting the logic right, we are able to apply this to all the pages that fetched data from the database, which are basically all the main pages for items, announcements, restaurants, etc. We were able to restrict users from inputting invalid housing prices. (i.e with 3 decimal places)

ii) **item.html file**

We also were able to restrict users from inputting invalid item prices. (i.e with 3 decimal places)

c) Documentation:

i) **Database Architecture:**

Things for the M3 document that Angelo helped on was working with Benjamin to get everything from our database architecture read. Furthermore, he helped Benjamin revise our Database model to account for the changes we had.

Benjamin:

a) Backend:

Everything that Benjamin did for the backend includes:

i) The entirety of the “database” folder in gator_connection.

Here, Benjamin set up the logic for the endpoints for our announcements, housing, items, and authentication section. This means that Benjamin set up the logic of us being able to post to the database. Here, by setting up the logic for us being able to post to the database, we were able to have dynamic data. Furthermore, Benjamin also set up the entirety of our authentication system, which includes the logging in and registering of accounts, registering for different accounts(student, admin, super user), and showing which data would render on a page depending on what user was logged in as. For example, someone who was not logged in would not see buttons to write a review for restaurants. Benjamin also set up our search system for this milestone. The search feature works across the home page, housing page, and item page. Benjamin also set up custom exception classes, for when we would run into exceptions, such as when a user gets their login wrong, or if they register with an email that's already in the system.

ii) The entirety of our MySQL DataBase and Schema.

Here, Benjamin set up the entirety of our schema in MySQL. He named the schema “**gator_connection**”, and set up all of the tables inside the schema as well, with all the properties that would come with it, such as a table that has a row that would only accept unique values.

b) Frontend:

i) The Restaurant Detail Page

Benjamin revamped Bikram’s restaurant_post(1-3).html page into restaurant_detail.html so that it showed data from the database and added a related restaurant column to increase the usefulness of the page for users.

ii) Cards for the Announcement and Restaurant Pages

Benjamin created the cards that layout each announcement post and restaurant post.

iii) Added Mission Statements to each Main Section Page

Benjamin formatted and added mission statements to the sections: Announcements, Housing, Items, and Restaurants.

iv) Created Terms and Conditions & Privacy Policy

Benjamin used a terms and conditions generator and a privacy policy generator to create our website’s Terms and Conditions and Privacy Policy. He also edited the wording of these documents so they more accurately represented our website.

v) The Notifications Page

Benjamin revamped Bikram's notification.html dummy page to have a "Requests" section where users can see requests such as housing listing requests and item requests. Super Users can see account requests and restaurant requests.

c) Documentation:

i) Database Architecture:

Benjamin revised our Database model to account for our schema that he set up.

Alec:

a) FrontEnd:

FrontEnd pages that Alec implemented features on are:

i) announcements.html

On announcements, features that were implemented were the tab system to switch between athletics, organization, and department.

ii) navbar.html

Switched the navbar background color to what it is now.

iii) item_detail.html, housing_detail.html

Alec designed the layout for all the “shop” detail pages

Features that were implemented by Alec were:

i) basic modal structure shown on all the pages.

After setting up the basic modal layout on housing, Alec tasked Bikram and Benjamin mostly to apply these modals to the other pages.

ii) revamped button

After Lakshita finished her button design, Alec designed a smaller button from her design for all “edit”, “interested”, “delete” buttons across all other pages.



iii) Password Validation

Alec implemented a password validation for the registering boxes, so that a user can only register if their password is 7 or more characters.

b) Documentation:

i) WireFrames:

Alec tasked out the front end team and himself to do the rough drafts of the wireframes. After those rough drafts were done, Alec designed how the overall website would look by setting up diagrams to show which pages would lead to what. After that, Alec revised the rough draft wireframes to what they are now to account for the website.

ii) Functional Requirements v3:

During a team meeting, Alec had the team decide which ones were priority 1 requirements to account from the feedback from the professor.

iii) Data Def v3:

Alec saw that there were no changes to this section, so we left it as is.

iv) High Level Diagrams v2:

Alec revamped the entire Application Network and Deployment Diagram to match the professors feedback. Alec also decided that the UML diagram was fine as it.

v) List of Contributions:

Alec filled out this section, detailing what people did for this milestone, whether it be for the document or for the horizontal prototype.