CSC 648-848 01 Fall 2019

# Gator Trader - http://13.52.75.46/

Team 05

Milestone 05:

Milestone Submissions &  Demo

- Grayson Mical - grayson.mical@gmail.com

  - Hayato Waki

  - Samjot Singh

  - Anmol Gondara

  - Daniel Gutierrez

  - Anton Abramson

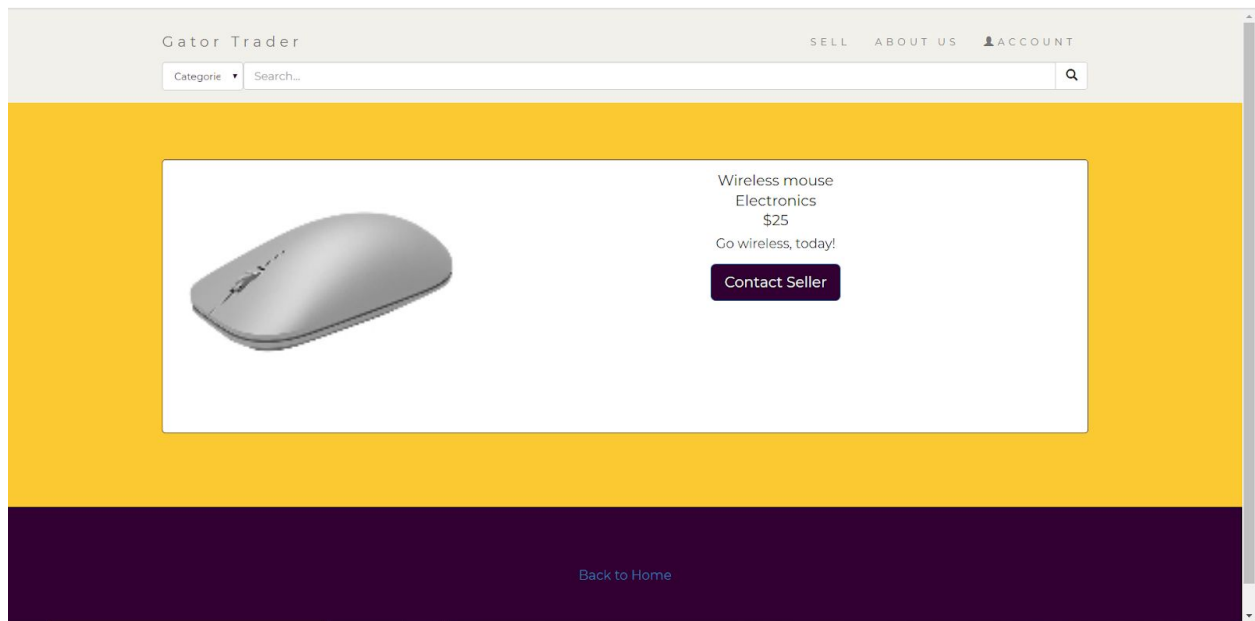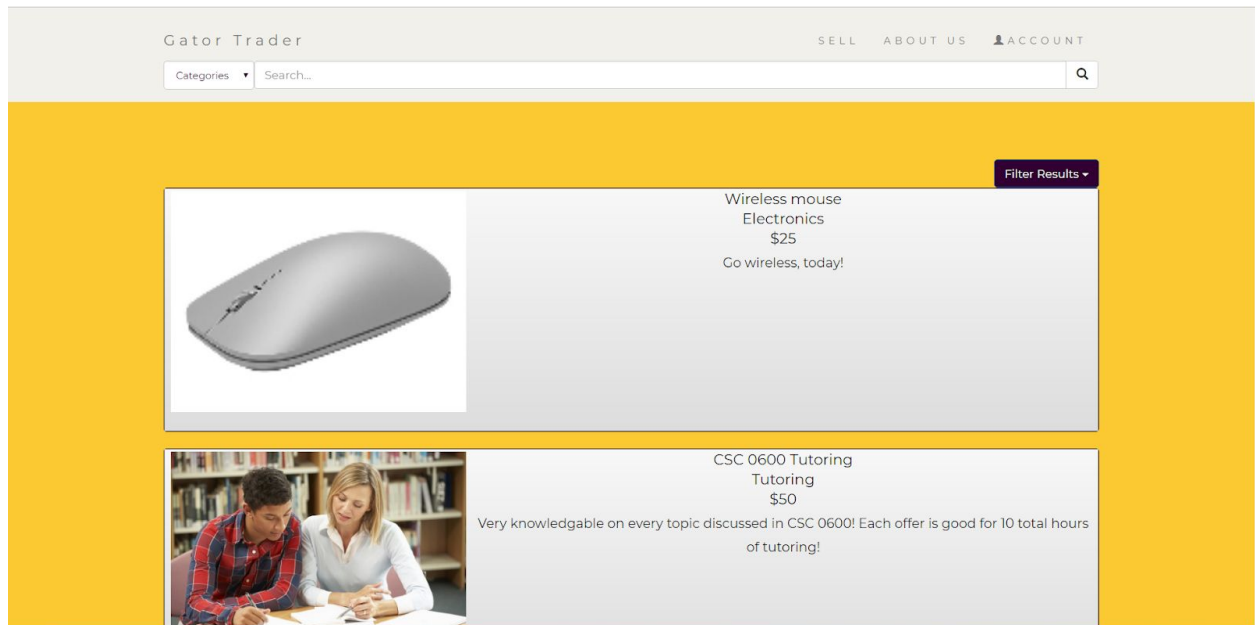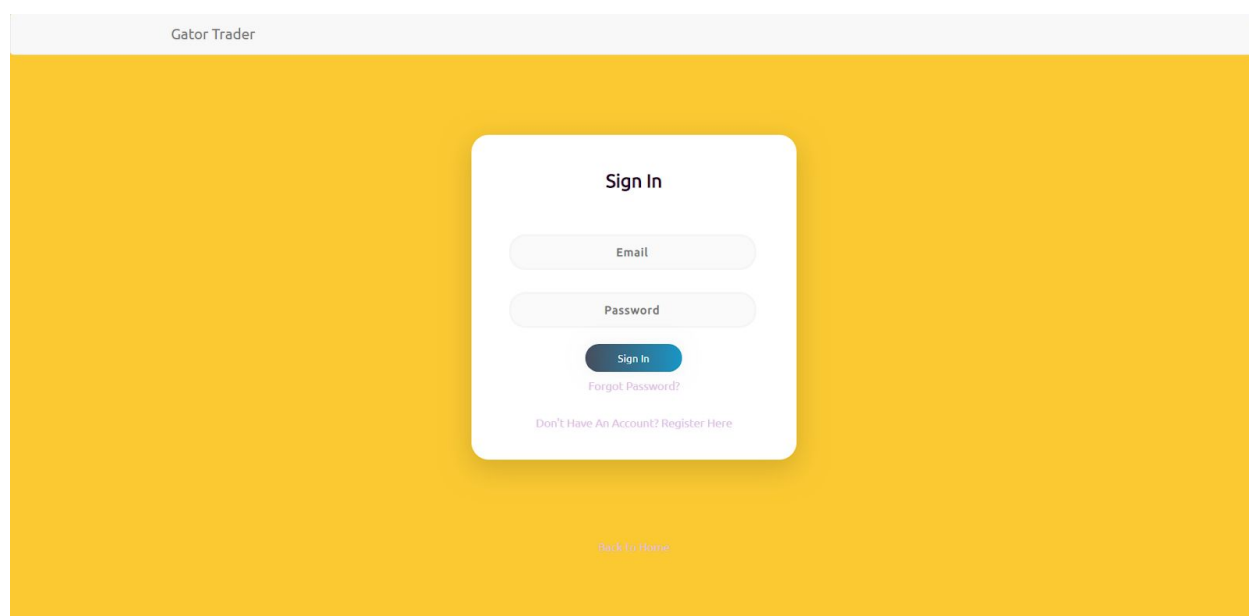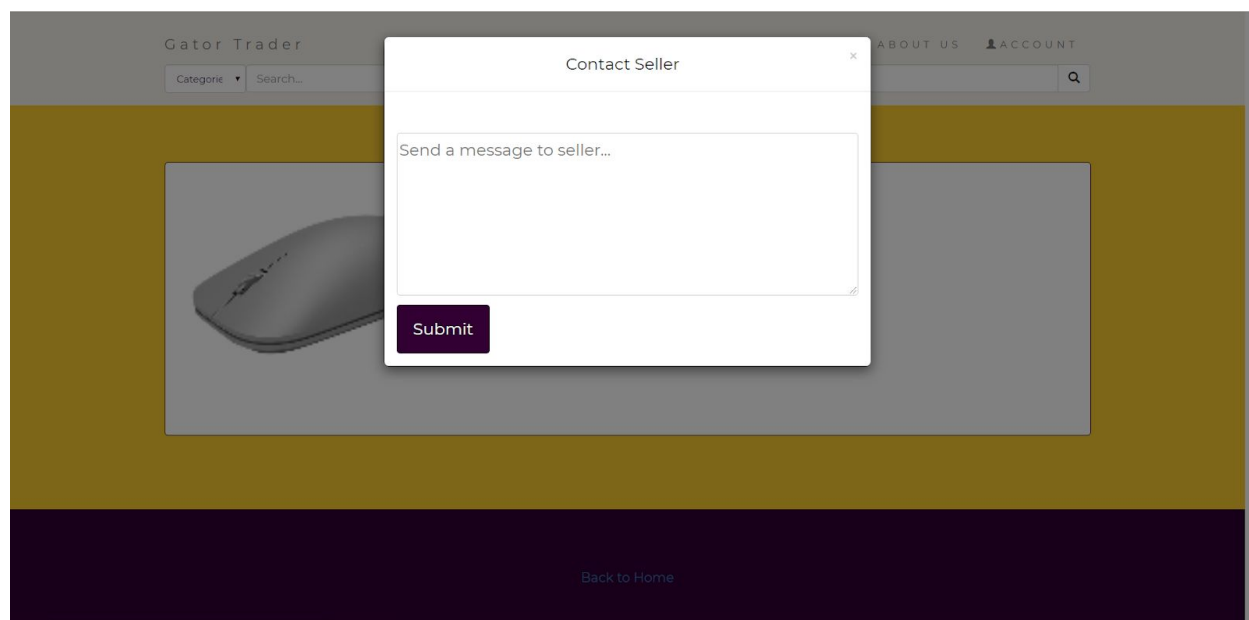| Date | Description |
|---|---|
| 12 / 16 / 2019 | Final Submission |
|  |  |
|  |  |
|  |  |

# Product Summary

Welcome to **Gator Trader**, A website designed by students, for students; so you know the product is something the demographic will want and need. This website offers a safe and reliable way for students at San Francisco State University to both buy and sell items that are essential to being a student in 2020. Below are our priority one functions:

- Users shall be able to search for desired products
- Users shall be able to view the results
- Users shall be able to view specific products for details
- Users shall be able to contact the seller
- Users shall be given access to the Userdashboard once an account is created
  - Users shall be able to view messages
  - Users shall be able to view personal items posted for sale
- Users shall be able to post items for sale once an account is created
- Users shall be able to filter by price on search results

Our product separates itself from other sales platforms for two main reasons; we are only available to SFSU students and each transaction will be done in a public location marked by our platform, known as Blue Pole locations. Blue pole locations are a unique safety feature designed to keep students safe and near others while conducting sales and trades. Our product url is http://13.52.75.46/ . Please note this url does change from time to time, please check our github for the most up-to-date URL. https://github.com/CSC-648-SFSU/csc648-fall2019-Team05

# Demo Screenshots

ABOUT US  ⚊ ACCOUNT

Categorie ▼  Search...

🔍

## Contact Seller

×

Send a message to seller...

**Submit**

Back to Home

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Gator Trader

## Sign In

Email

Password

Sign In

Forgot Password?

Don't Have An Account? Register Here

Back to Home

Categories ▾ | Search... | 🔍

Messages     Your Listings

Filter Results ▾

Ergonomic Desk Chair
Furniture
$46
Don't let bad posture be an extra problem!

Wireless mouse
Electronics
$25
Go wireless, today!

**ITEM NAME**

ENTER ITEM NAME

**ITEM CATEGORY** Categories ▾

**ITEM COST**

ENTER ITEM COST

**ITEM DESCRIPTION**

ENTER ITEM DESCRIPTION

**ITEM IMAGE DROP**

Choose File | No file chosen

POST MY ITEM

## Messages

### Recent

**Search**

🔍

| | |
|---|---|
| 👤 **John Smith 1** | 11 / 16 |
| doing great! | |

| | |
|---|---|
| 👤 **John Smith 1** | 11 / 15 |
| I'm good. When can I pick up my stuff? | |

Hello World!

2:57 | 11/12

👤 How are you?

20:41 | 11/15

I'm good. When can I pick up my stuff?

20:43 | 11/15

Type a message ✈

**Meetup points**

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### Recent

Sea...

| | |
|---|---|
| 👤 **John Smith 1** | |
| doing great! | |

| | |
|---|---|
| 👤 **John Smith 1** | |
| I'm good. When can I pick u... | |

**San Francisco State University**

o World!

/12

good. When can I pick up my
?

11/15

✈

Categories ▾ | Search...

# Meet the Team!

Anmol Gondara

Anton Abramson

# Key DataBase Screenshots

## Items table & columns

```
ubuntu@ip-172-31-6-200: ~/server/github_repo/csc648-fall2019-Team05/application/gatortrader                    —   □   ×

mysql> explain items;
+--------------+------------------------+------+-----+-------------------+-----------------------------+
| Field        | Type                   | Null | Key | Default           | Extra                       |
+--------------+------------------------+------+-----+-------------------+-----------------------------+
| item_name    | varchar(255)           | NO   |     | NULL              |                             |
| description  | varchar(255)           | NO   |     | NULL              |                             |
| image        | varchar(255)           | YES  |     | NULL              |                             |
| category_id  | varchar(50)            | YES  |     | NULL              |                             |
| price        | decimal(10,2) unsigned | NO   |     | NULL              |                             |
| date_created | timestamp              | NO   |     | CURRENT_TIMESTAMP | on update CURRENT_TIMESTAMP |
| in_stock     | tinyint(1)             | NO   |     | 1                 |                             |
| user_id      | int(11) unsigned       | NO   |     | NULL              |                             |
| item_id      | int(11)                | NO   | PRI | NULL              | auto_increment              |
| is_approved  | tinyint(1)             | NO   |     | 0                 |                             |
+--------------+------------------------+------+-----+-------------------+-----------------------------+
10 rows in set (0.00 sec)

mysql> select * from items;
+---------------------+-----------------------------------------------------------------------
| item_name           | description
+---------------------+-----------------------------------------------------------------------
| CS Textbook         | Just a computer science textbook!
| Portable USB        | 64GB storage!
| Ergonomic Desk Chair| Don't let bad posture be an extra problem!

                                                      | 97464ca1b5f68d1a0c03bf984ada1fe9 | 3
| CSC 0600 Tutoring   | Very knowledgable on every topic discussed in CSC 0600! Each offer is good for 1
| Wireless mouse      | Go wireless, today!

                                                      | db56ae169c132996ea2
```

## Items table / columns

```
ubuntu@ip-172-31-6-200: ~/server/github_repo/csc648-fall2019-Team05/application/gatortrader                    —   □   ×

mysql> explain categories;
+---------------+-------------+------+-----+---------+----------------+
| Field         | Type        | Null | Key | Default | Extra          |
+---------------+-------------+------+-----+---------+----------------+
| category_id   | int(2)      | NO   | PRI | NULL    | auto_increment |
| category_name | varchar(50) | YES  |     | NULL    |                |
+---------------+-------------+------+-----+---------+----------------+
2 rows in set (0.01 sec)

mysql>
```

```
mysql> select * from categories;
+-------------+---------------+
| category_id | category_name |
+-------------+---------------+
|           1 | Books         |
|           2 | Electronics   |
|           3 | Furniture     |
|           4 | Tutoring      |
+-------------+---------------+
4 rows in set (0.00 sec)

mysql>
```

```
mysql> select * from items;
+--------------------+----------------------------------------------------------------------------------------------+
| item_name          | description                                                                                   |
+--------------------+----------------------------------------------------------------------------------------------+
| CS Textbook        | Just a computer science textbook!                                                            |
| Portable USB       | 64GB storage!                                                                                 |
| Ergonomic Desk Chair | Don't let bad posture be an extra problem!                                                  |
| CSC 0600 Tutoring  | Very knowledgable on every topic discussed in CSC 0600! Each offer is good for 10 total hours of tutoring! |
| Wireless Mouse     | Go wireless, today!                                                                           |
+--------------------+----------------------------------------------------------------------------------------------+
5 rows in set (0.00 sec)

mysql>
```

```
+----------------------------------+-------------+--------+---------------------+----------+---------+---------+-------------+
| image                            | category_id | price  | date_created        | in_stock | user_id | item_id | is_approved |
+----------------------------------+-------------+--------+---------------------+----------+---------+---------+-------------+
| ee82294af3bf2bf75c55062a414f34a3 | 1           | 138.00 | 2019-12-16 23:00:36 | 1        | 5       | 1       | 1           |
| 632d65e2e1b2fc5dab72ac5b0dbcd757 | 2           | 32.00  | 2019-12-16 23:02:51 | 1        | 5       | 2       | 1           |
| 97464ca1b5f68d1a0c03bf984ada1fe9 | 3           | 46.00  | 2019-12-16 23:08:16 | 1        | 5       | 3       | 1           |
| 20deaada707f13acd6ab06f1767c8eae | 4           | 50.00  | 2019-12-16 23:03:21 | 1        | 5       | 4       | 1           |
| db56ae169c132996ea2aab87115ad020 | 2           | 25.00  | 2019-12-16 23:05:02 | 1        | 5       | 5       | 1           |
+----------------------------------+-------------+--------+---------------------+----------+---------+---------+-------------+
```
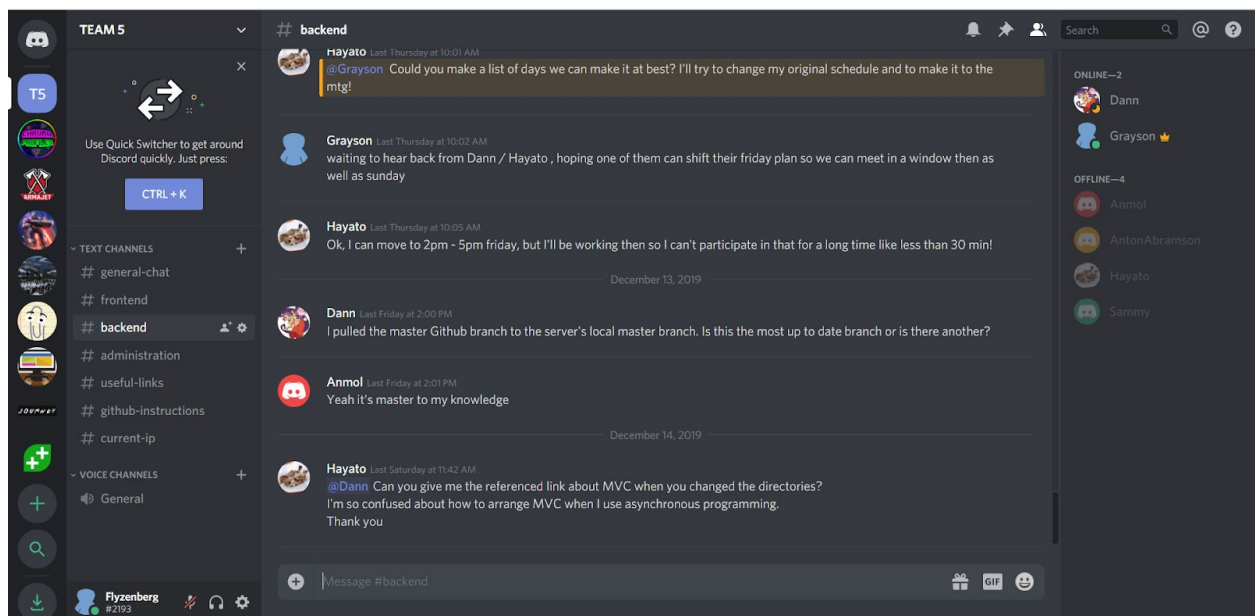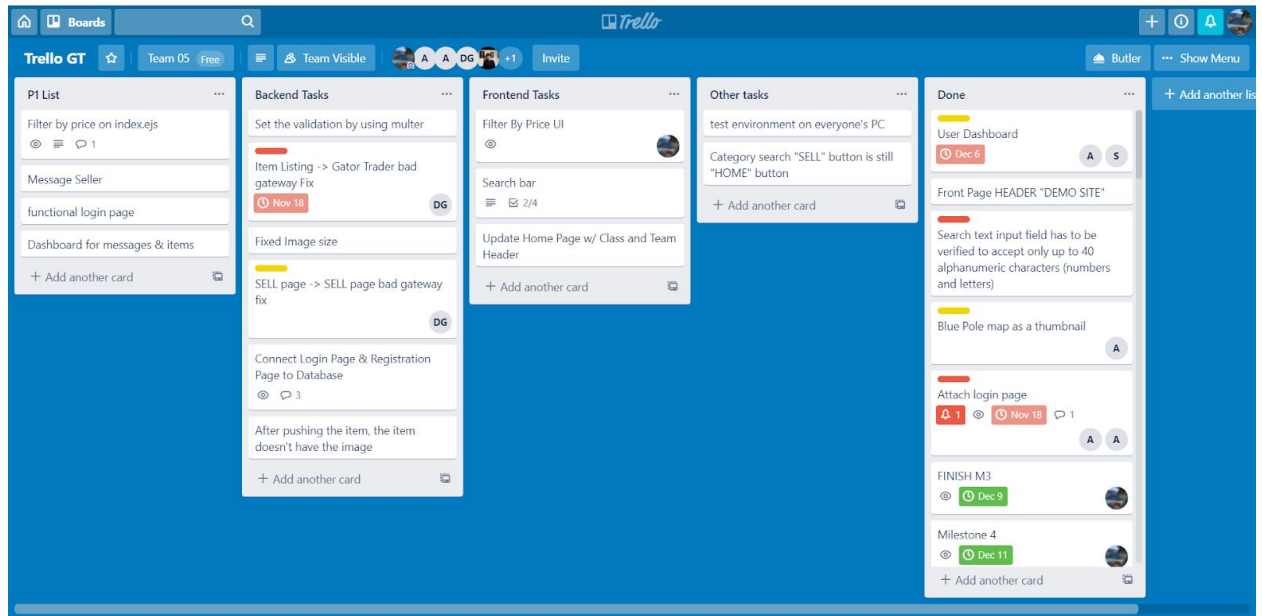
# Google Analytics

We're connected to google analytics! We don't have interesting data to display on account of no traffic to our site given that our analytics tool was set up very late into our production, but in the event Gator Trader takes off we're ready to analyse the traffic.
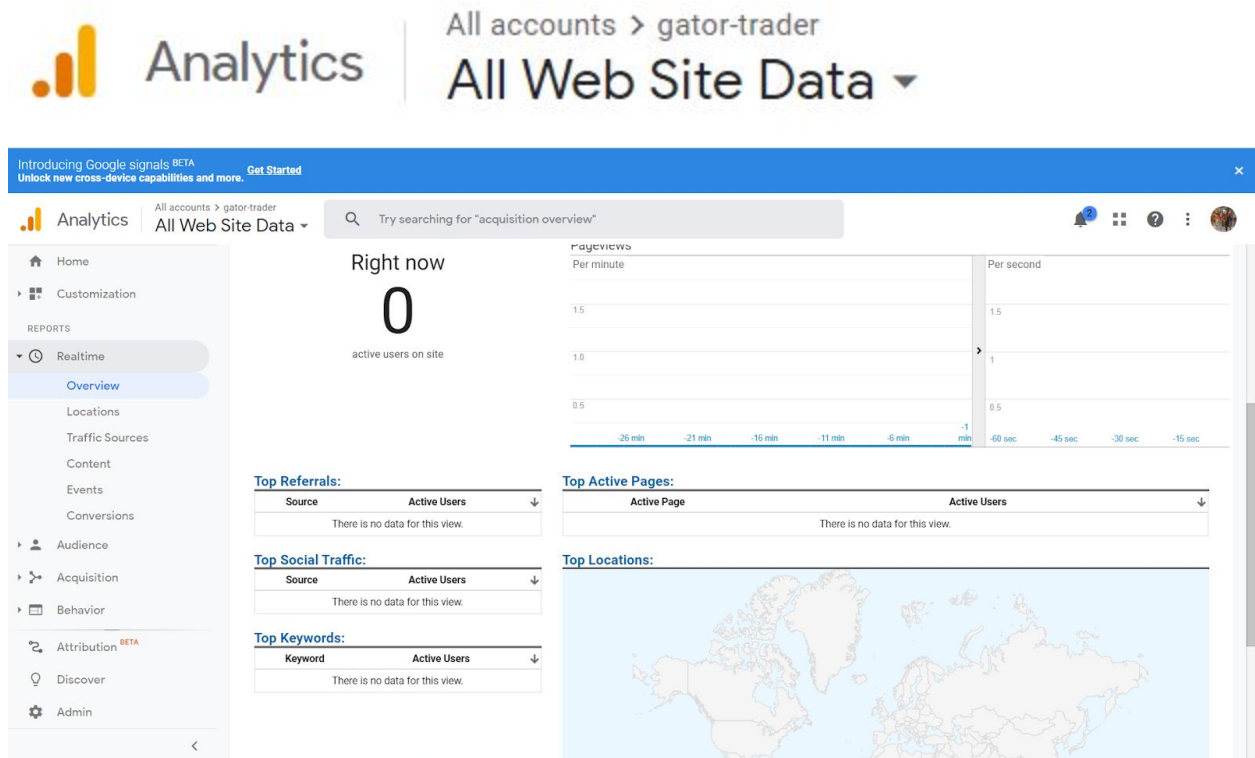
# Task Management

Our team was balanced between discord and Trello, see screenshots below.

# Team Member Contributions

Our team contributions were tracked on Trello post Milestone 2. We used Trello to manage assignments, as well as assign members of the team to complete those tasks.

## Milestone 5 - Team Member Contributions

**Daniel Gutierrez** <dgutierrez1@mail.sfsu.edu>     Mon, Dec 16, 2019 at 2:53 PM
To: Grayson Mical <grayson.mical@gmail.com>, Anmol Singh Gondara <agondara@mail.sfsu.edu>
Cc: "wakkihaya@gmail.com" <wakkihaya@gmail.com>, "Anton.Abramson1@gmail.com" <Anton.Abramson1@gmail.com>,
Samjot Singh <ssingh30@mail.sfsu.edu>

Hello Gator Trader Team 05

I served as the Back End Team Lead for our team. The title itself means that I was responsible for getting our JavaScript-based SW stack (Linux Ubuntu, Node.js, Express, MySQL, EJS) built properly on the AWS server. I also tackled code review and merge conflicts numerous times as well as cleaning up and maintaining the structure of our project to better adhere to good SW design principles (modularity, MVCR, etc.).

Number of commits,
As "DGoodierrez": 40
As "Ubuntu" (server-side): 38

Thank you,
Daniel Gutierrez

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**Samjot Singh**     3:10 PM (12 minutes ago)
to me, Anmol, wakkihaya@gmail.com, Anton.Abramson1@gmail.com, Daniel ▾

hello everybody,
I worked as an assist to front end lead.

I was responsible for the SELL page for our website which I implemented. I also implemented Meetup points where I added the map with pickup spots for people to meetup for selling and buying. I marked secure meetup spots on the sfsu map, i.e blue poles. I also designed a categories panel to place above the item listings on the home page(we were not able to integrate it on our website ). it was a rectangular panel with 4 sections. I aligned the  categories drop down with the search bar in the header. The biggest issue I faced was to have a local compiler and database setup on my Macbook but our team lead Grayson gave me the tasks which I could do with having to do the setup.
Thank you,
Samjot Singh

**From:** Grayson Mical <grayson.mical@gmail.com>
**Sent:** Monday, December 16, 2019 12:21 PM
**To:** Anmol Singh Gondara <agondara@mail.sfsu.edu>
**Cc:** wakkihaya@gmail.com <wakkihaya@gmail.com>; Anton.Abramson1@gmail.com <Anton.Abramson1@gmail.com>; Samjot Singh <ssingh30@mail.sfsu.edu>; Daniel Gutierrez <dgutierrez1@mail.sfsu.edu>
**Subject:** Re: Milestone 5 - Team Member Contributions

Hey Gator Trader Gang,

Here's my summary for our project.
Team
lead. Aided in team cohesion, provided initial skeleton code for bootstrap structure, oversight of weekly task goals and priority list management. Dealt with scheduling conflicts and other team issues with the goal of keeping a positive team environment while
working hard towards a goal. The biggest issue I faced as team lead was acknowledging that we are all students at the end of the day and this isn't our only task at hand. I would have liked to push for more progress in certain areas but know that each of my
teammates has many other classes to be mindful of, as well as work and family obligations that take up a normal amount of a persons life. As students we have to balance several full time projects in a single time window, and being mindful of that while encouraging
and contributing to the project was a a tough balance.

# of commits = 38

Thanks guys!
- Grayson


On Mon, Dec 16, 2019 at 12:17 PM Anmol Singh Gondara <agondara@mail.sfsu.edu> wrote:

Hello Team Gator Trader,

It was a great experience working with you all this semester, as I got a chance to learn a lot from the process. Below are my a.) specific contributions to the project this semester and b.) the number of submissions made to GitHub:

a.) My main role was that of GitHub Master where I worked to achieve best practices. In this process I: organized branches - added protections to the master branch, created a development branch, and ensured all members including myself worked on their own branch (name_development) - , helped team with any git related issues - branch creation, pulling, pushing, resolving merge conflicts, etc -, ensuring meaningful commit messages, and reviewing & approving pull requests. Secondly, I worked with the front-end team to complete certain UI features. Some of these features include: signIn page, registration page, about page, updating page names/links ('home' to 'sell' on about page), and adding routes to connect pages.

b.) 37 commits

Thank you,
Anmol Gondara

**Waki Hayato**   3:08 PM (0 minutes ago)   ☆   ↩   ⋮

to me, Anmol, Anton.Abramson1@gmail.com, Samjot, Daniel ▾

Hi Team Gator Trader ,

Here's my summary for our project.

    a. My main role was backend. I implemented the functionality that main page has the item listing connected to database, the functionality that the page after clicking an item on main page has the item details connected to database, the functionality that users can search by category and key-word, the functionality that users can post new items and see them on main page and the functionality that users can send and receive the messages to other users. Trello has tasks about every functionalities with deadline so that I can deal with them easily following priority. It's so helpful!

    b. # of commits = 39

It was so fun!
Thank you !

Hayato Waki

**Anton Abramson** <anton...    4:34 PM (0 minutes ago)    ☆    ↰    ⋮

to Samjot, me, Anmol, wakkihaya@gmail.com, Anton.Abramson1@gma  ▾

Hello my friends. It was a pleasure working with you all throughout the semester.

I was tasked with the role of Front-End lead. My responsibilities included designing the User-Interface of the website along with delegating tasks as I saw fit. My specific contributions to Gator Trader involved creating the layout for the item listings and the buttons that allow users to interact with the website. I also implemented the design for the messages window and altered it to fit the usability of the your_listings page. Along with delegating the tasks to the rest of the team, I had the responsibility of then integrating the completed features to the rest of the code in order for the features to run smoothly alongside the rest of the website.

My total number of commits is 12.

Thank you,
Anton Abramson

•••

## Post Analysis

As we entered the starting phases of this project we assumed our group would have the most trouble with backend work as our team was composed of 6 frontend developers. And for the first third of the class this was indeed the case. However, as the project really started to take shape we found a new more difficult challenge- multiple team members contributing to one project at the same time. On a couple of occasions we had to collectively work backwards from a point of progress because of git management errors. This was real world experience for working on a team on a collective task, and after a while we learned that we are our best resource is each other. We started improving our github comments for our commits which helped tremendously with tracking issues. In order to better address these issues next time I would like to orchestrate more frequent team meetings, either in person or over Zoom, in order to keep everyone on the team up to date on where the project is, where it is headed, and what issues we are facing at the moment. In other words, I would have liked to host scrum meetings on a more regular basis. I am certain that each of the team members were able to grow as individuals and earn a better understanding of what the workforce will be like when we graduate from school.