

**Final Project for SW Engineering Class CSC 648-848
Section 01 Spring 2017**

Team 05

Gator 2 Gator

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<http://sfsuse.com/~sp17g05>

May 22, 2017

Product Summary

Gator 2 Gator is our web application is for SFSU students to buy and/or sell their possessions in a safe, exclusive community.

As a user of the site you will be able to the do the following:

1. Browse the site and view the posted items for sale
2. Create an account if you have a valid SFSU email address to register with
3. Login to a previously created account if you have already registered
4. Send messages to communicate with the sellers
5. Post an item to sell
6. Edit your posts
7. Delete your posts

What makes Gator to Gator unique is its exclusive membership for SFSU students. This means every buyer and seller will be a verified SFSU student, granting the additional ease of mind when going through the financial transaction and physical meet up.

Also, due to the campus being a common meeting area, it serves as a very convenient way to exchange items in both a familiar and public location. Products being sold will also be relevant to students needs as many share the same or similar courses.

Site URL: <http://sfsuse.com/~sp17g05>

Google Analytics Plot for Website

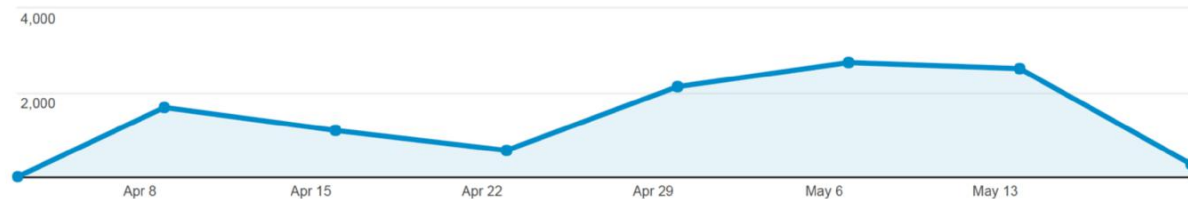
Overview

Apr 3, 2017 - May 21, 2017

All Users
100.00% Pageviews

Overview

Pageviews



Pageviews

11,175

Unique Pageviews

2,766

Avg. Time on Page

00:00:53

Bounce Rate

15.66%

% Exit

4.91%

Page	Pageviews	% Pageviews
1. /itempost/	1,688	15.11%
2. /	1,523	13.63%
3. /itempost/new	883	7.90%
4. /register	817	7.31%
5. /fos_message/	610	5.46%
6. /myMarketplace	600	5.37%
7. /login	470	4.21%
8. /~sp17g05/index.html/	380	3.40%
9. /fos_message/sent	317	2.84%
10. /~sp17g05/index.html/itempost/	312	2.79%

MySQLWorkbench Database:

UsersTable:

id	username	email	password	roles
1	somewhatmetim27	timbauer@mail.sfsu.edu	\$2y\$13\$4KuG/DdvBp6QGgf0PADEjupRa4ofq2...	["ROLE_SUPER_ADMIN", "ROLE_USER"]
2	alice	alice@mail.sfsu.edu	\$2y\$13\$Jy2rsUbGzw9m96Bt95VN7uUcb6CqD...	["ROLE_USER"]
3	somewhatmetim	somewhatmetim@mail.sfsu.edu	\$2y\$13\$kefg628C4MplCXDB3skuMOGuVPkcK...	["ROLE_USER"]
4	DanCallaghan	dcallaghan@mail.sfsu.edu	\$2y\$13\$faoH4Mjr/YqDt/MTThJJ2.80e1rED59Nd...	["ROLE_USER"]
5	john	john@mail.sfsu.edu	\$2y\$13\$SHOTc4blzWULVSBjWM/rDmOkYudUTI...	["ROLE_USER"]
6	tom	tom@mail.sfsu.edu	\$2y\$13\$munchHd4cFo2spi5Fhs2dxuWbh4.TVh...	["ROLE_USER"]
7	Dave01	dave01@mail.sfsu.edu	\$2y\$13\$URRj1ADeTOP5BXddWr4lOqq/zLsNi...	["ROLE_USER"]
8	Andrea	andrea@mail.sfsu.edu	\$2y\$13\$GmWoqD7j3S.CmYNN9vtlOtdfOGFL...	["ROLE_USER"]
9	Emily01	emily02@mail.sfsu.edu	\$2y\$13\$Sw5EbUvnhf8.63/2EaFkfcOudhmBLT8.M...	["ROLE_USER"]
10	SamsungBob	bobby@mail.sfsu.edu	\$2y\$13\$gsvt9C1XxWxMSE8Mulw87uDvNG4K...	["ROLE_USER"]
11	Sophia	Sophia@mail.sfsu.edu	\$2y\$13\$XctQ6IMJn8xSeYL.Bq5nO5EUuc2YP...	["ROLE_USER"]
12	KILLTHEMALL	duncanpindegrass@mail.sfs...	\$2y\$13\$PEuLJCzRzCVCes0YIDQ1JHeAbtgdOf...	["ROLE_USER"]
13	andrewSFSU	alesonda@mail.sfsu.edu	\$2y\$13\$2ZotBEwn77Fr0eJuBR3pnuw3ka/KB4...	["ROLE_USER"]

item_post:

id	user_id	name	price	description	category	postDate
1	2	Antique WHITE Rotary Treadle Sewing Machine	375	Antique WHITE Rotary Treadle Sewing Machine...	Misc	2017-05-22 23:07:42
2	2	Two Dissecting Kits	20	Two small dissecting kits - one in a plastic hard...	Misc	2017-05-22 23:09:39
3	2	6 Inch Steel Ruler	4	Good condition one left.	Misc	2017-05-22 23:10:53
5	2	12 CIIS EXA Readers	50	For California Institute of Integral Studies Expre...	Text Books	2017-05-22 23:13:58
6	5	Patagonia Backpack	40	This is a great Patagonia school-style backpack...	School Supplies	2017-05-22 23:16:15
7	5	Human Biology Textbook	60	Human Biology	Text Books	2017-05-22 23:17:06
8	5	Alienware M17x R2 gaming laptop	800	Alienware M17x R2 gaming laptop	Laptops	2017-05-22 23:18:45
9	5	Brand New Nintendo Switch with Zelda!	485	Hi All,	TV's, Tablets, Entertainment	2017-05-22 23:21:35
11	6	Love Seat Couch	25	Love Seat Couch Machine Washable Covers &...	Furnishings	2017-05-22 23:26:03
12	7	Hair Brush	5	This brush is a family heirloom. It has been with...	Misc	2017-05-22 23:27:25
13	6	Textbook - Zoology	25	Integrated Principles of Zoology	Text Books	2017-05-22 23:27:27
14	6	Spare Tire on wheel with Jack	199	Everything you need to have a real spare.	Misc	2017-05-22 23:29:51
15	7	Pitbull	650	Selling my prize winning fighting dog. She has a...	Misc	2017-05-22 23:32:00
16	8	4 Month Like New Dell 2-1 Inspiron 13 5000-17...	520	Like new, hardly used. Bought 4 months ago fro...	Laptops	2017-05-22 23:33:13
17	8	Pastel Art Pencils by Derwent	8	Gently used by a professional artist. 11 Rexel D...	School Supplies	2017-05-22 23:37:21
18	8	Office Chair	85	Designed for computer-intensive work, this rollin...	Furnishings	2017-05-22 23:39:45
19	8	Vintage Desk	200	This is a beautiful solid wood antique desk mad...	Furnishings	2017-05-22 23:41:41
20	9	Hungry	500	My parents cut me off because i party too much...	Roommate Wanted	2017-05-22 23:41:42
21	6	Panasonic Viera TC-60VT60 Plasma HDTV	900	2013 Panasonic TVs are focused on sleek, mini...	TV's, Tablets, Entertainment	2017-05-22 23:46:21

item_post_photo

id	item_post_id	path
1	1	/images/ItemPostPhotos/a152fc16467bb62a7e8...
2	1	/images/ItemPostPhotos/44aec0c7d4e28a4ed3...
3	1	/images/ItemPostPhotos/993a5913a87cc57b04...
4	2	/images/ItemPostPhotos/e00e52e569e3280196...
5	2	/images/ItemPostPhotos/5a1ee50da92c666227...
6	3	/images/ItemPostPhotos/48772ab95c6a7c16d1...
10	5	/images/ItemPostPhotos/5cbe73271158c38db6c...
11	5	/images/ItemPostPhotos/0b4e83454fce148c5cd...
12	5	/images/ItemPostPhotos/2955c10c0d04920f2d3...
13	5	/images/ItemPostPhotos/2f033d6559400fc616a...
14	5	/images/ItemPostPhotos/8c2a57215f517dd051a...
15	6	/images/ItemPostPhotos/fff3b464beaa905f270a...
16	6	/images/ItemPostPhotos/c99dc1c271c9637979...
17	7	/images/ItemPostPhotos/164cc63d721c81b5eb...
18	8	/images/ItemPostPhotos/ea2b66a47cf43138df4...
19	9	/images/ItemPostPhotos/407bb5466f37e291d8...
20	9	/images/ItemPostPhotos/d3e0e46cdc76bbc25b...
21	9	/images/ItemPostPhotos/b4c5ab310b3827f0bc6...
25	11	/images/ItemPostPhotos/d26845c826d5075281...

messagepd

id	thread_id	sender_id	body	created_at
1	1	2	Sorry, I sold it today.	2017-05-04 19:43:08
3	1	1	No, it's brand new. You can che...	2017-05-15 06:12:13
5	3	1	Does that come with the access...	2017-05-18 00:50:02
6	3	1	Do you still have the bio reader?	2017-05-18 00:50:30
7	3	1	hi, I saw your post for zoology b...	2017-05-18 00:50:51
8	4	9	Hi, I am interested in this Tv. Do...	2017-05-22 21:06:28

Main Challenges and Afterthoughts:

Our team's main challenges stem from our busy schedules as adults and students. We all had great ideas to execute, but time was always against us. Making sure we completed all our Priority 1 tasks while balancing future additions was difficult. This meant the team lead and CTO needed to be 1 step ahead of our application's development. Communication between team members was also challenging, because development was a 24-hour operation and not everyone was available at the same hours. All developers were required to learn new technologies under the pressure of having a final product to deliver.

We were successful in resolving these challenges by leveraging Slack, which is a technology that brought all our communications together in one place with real-time messaging. We also chose to meet weekly on Wednesday afternoons where we practiced scrum and did huddle where everyone got a chance to say what they have been up to, what they will be doing, and if they had any problems. Our CTO provided support for any new technologies that were required and assisted in teaching team members how to use them. To avoid the challenges we faced, the team lead could have been better organized with more task lists and meeting summaries. We could have also conducted more regular meetings between our departments (front-end and back-end) to keep relative tasks isolated.

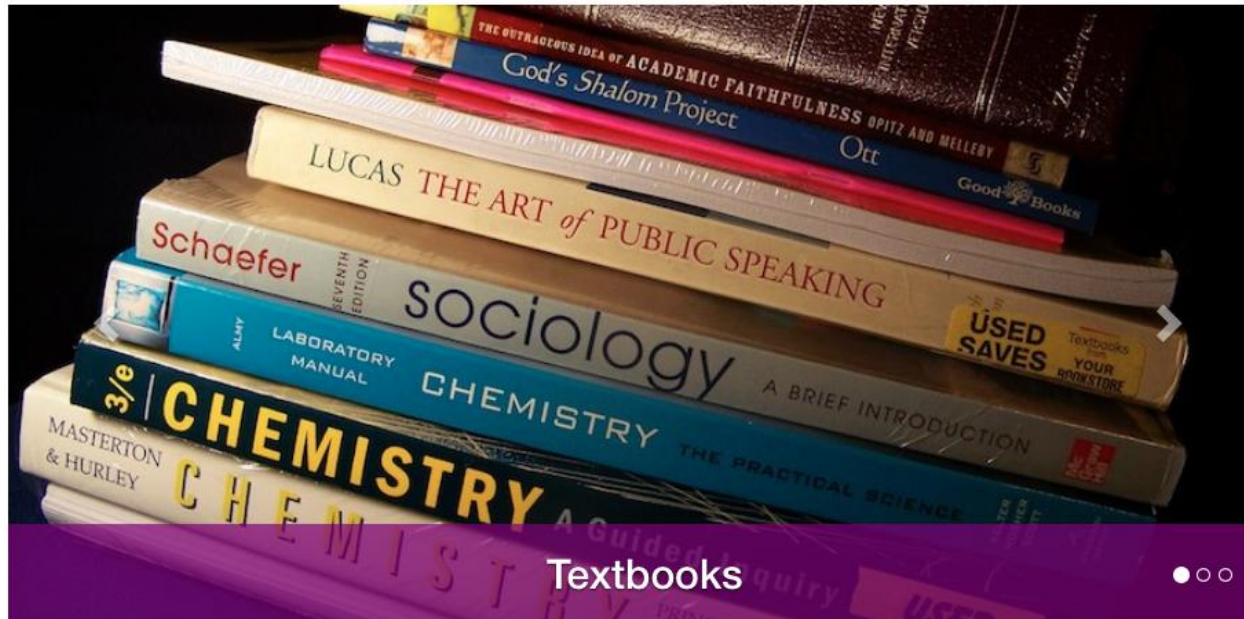
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Gator 2 Gator

Buying and Selling made easy for Gators



Item Post Page:

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Item Name	Price		Date Posted	Category
Samsung Laptop	\$500.00	Contact Seller	05/22/2017	Laptops
Macbook Pro Mid 2009	\$320.00	Contact Seller	05/22/2017	Laptops
4 Month Like New Dell 2-1 Inspiron 13 5000-17 Touch Laptop	\$520.00	Contact Seller	05/22/2017	Laptops
Alienware M17x R2 gaming laptop	\$800.00	Contact Seller	05/22/2017	Laptops

[Sell New Item](#)

Item Post Details:


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Home	Items for Sale	Sell Item	Register	Sign in
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Macbook Pro Mid 2009

Price	\$320.00
Category	Laptops
Seller	alice
Description	mid 2009 MacBook Pro 13-inch loaded with \$3,000 newest license software no dents no dings no scratches no problems at all. COMES WITH 90 DAY WARRANTY
Postdate	2017-05-22 23:51:14

Photo



[Back](#)[Contact Seller](#)

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Register

Username *

Email *

Password *

Repeat Password *

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Post new item to sell

Name *

Price *

Description *

Category *

Please select a category

Photo *

[Choose Files](#) no files selected

[Cancel](#) [Create Item](#)

Compose Message Page:

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Compose Message

Recipient *

Subject *

Body *

Cancel

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Inbox

Sender	Subject	Date-Time	
somecallmetim27	I'm totally interested in that thing you were selling (New)	May 23, 2017 00:12	Delete

Reply to Message Page:

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Home	Items for Sale	Sell Item	My Marketplace	Mailbox	Sign out
Inbox	Sent	Deleted	Compose		

I'm totally interested in that thing you were selling

somecallmetim27, May 23, 2017 00:12

Was it for \$5,000,000??? Seems like a lot for a deck of cards.

Reply

body *

Yes, it's all yours!

Cancel

Send

Sent Messages Page:

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Home	Items for Sale	Sell Item	My Marketplace	Mailbox	Sign out
Inbox	Sent	Deleted	Compose		

Sent

Sender

somecallmetim27

Subject

I'm totally interested in that thing you were selling

Date-Time

May 23, 2017 00:12

Delete

Deleted Messages Page:

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Home	Items for Sale	Sell Item	My Marketplace	Mailbox	Sign out
Inbox	Sent	Deleted	Compose		

Deleted

Sender	Subject	Date-Time	
somecallmetim27	I'm totally interested in that thing you were selling	May 23, 2017 00:12	<button>Restore</button>

My Items for Sale Page:

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<div>HomeItems for SaleSell ItemMy MarketplaceMailbox</div> <div>Sign out</div>				
My Items for Sale		My Bookmarked Items		
Item Name		Price	Date Posted	Category
	Philosophy Book	\$10.00	05/23/2017	Text Books
<div>Sell New Item</div>				

My Book-Marked Items Page:

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<div>HomeItems for SaleSell ItemMy MarketplaceMailbox</div> <div>Sign out</div>				
My Items for Sale		My Bookmarked Items		
Item Name		Price	Date Posted	Category
<div>✖</div>	Scientific Calculator	\$35.00	05/23/2017	School Supplies
<div>Sell New Item</div>				