

Final Project for SW Engineering CSC 648/848 Section 02 Spring 2017

Professor D. Petkovic and Anthony Souza, San Francisco State University



GatorSell

gatorsell.com

May 23, 2017

Team 10 (Local)

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Product Summary

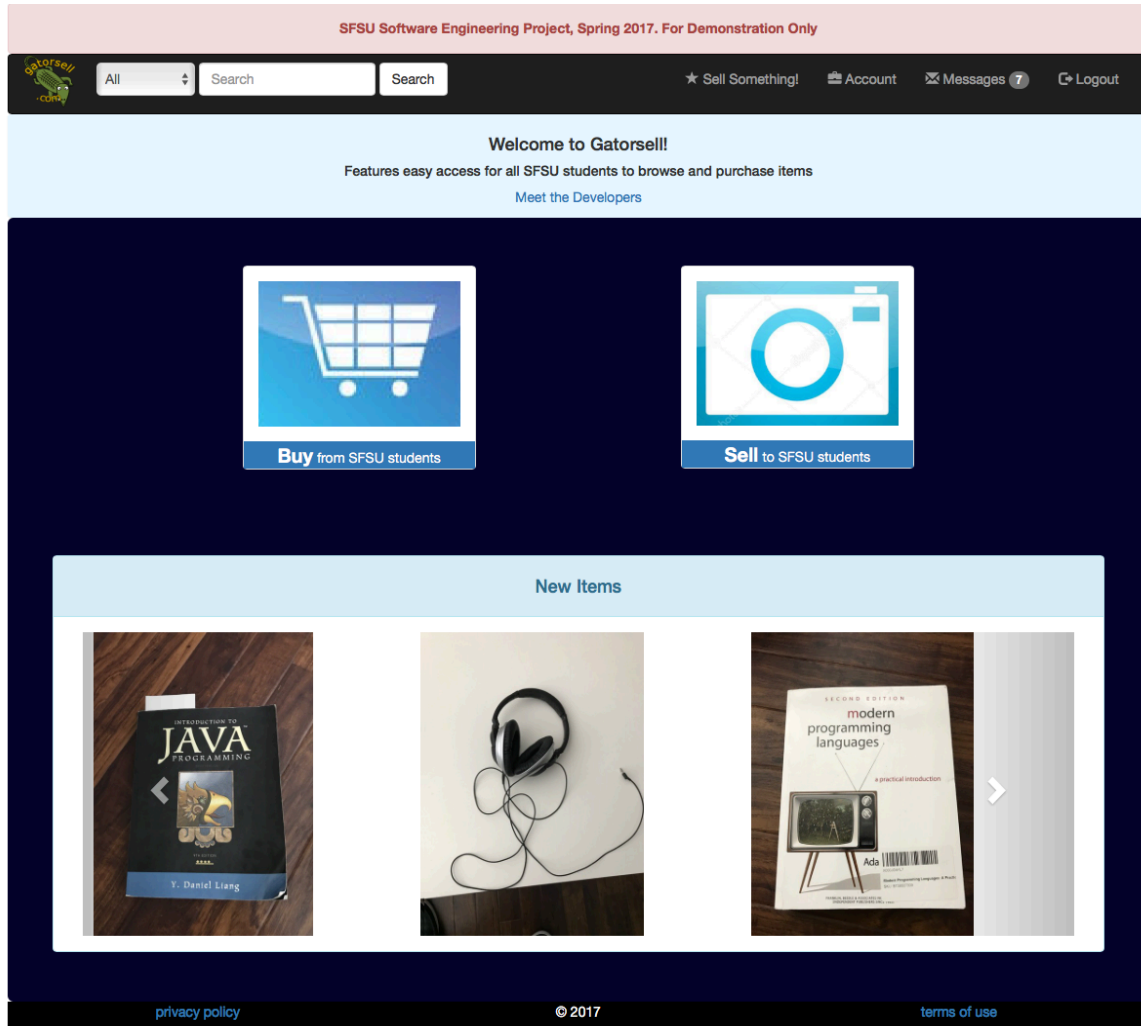
On May 27, 2017, Team Ten is releasing GatorSell: the best website for SFSU students to buy and sell items. Our website provides guest and registered users the option to browse through our catalogue of items or search items by their category.

- Guest users can then choose to create a registered user account and once their account is activated, they can list items for sale, buy items on the website and contact buyers and sellers through our messaging system.
- To become a registered user, guest users must fill out the registration page and include their name, SFSU email address, phone number, password, and agree to the terms of service.
- Guest users are not initially registered upon completion of the registration page and must wait for their account to be activated.
- If a registered user decides to sell an item on GatorSell, they must include the item's name, the price they wish to charge for that item, the category that best fits the item they are selling, and a Safe Meeting location.
- The Safe Meeting location is the heart of our website and what makes our website stand out from our competition. Safe Meeting locations are on-campus facilities at SFSU (Thornton, Cesar Chavez, etc.) that ensure the safety of the buyers and sellers as they complete their transactions.
- Sellers will be able to see the Safe Meeting location they have chosen via a map that illustrates the location they have chosen.
- The seller has the option to include more details about their item by providing a picture or a description. Once an item is bought, the seller can simply remove the post from the website.

For more information, please visit <http://www.gatorsell.com>

- Insert all milestones here next
- Insert all screenshots (2/pg)
- Insert DB screenshots (1-2/ pg)

Final Product Screenshots



Login

Email:

Password:

[forgot password?](#)

Don't have an account? [Sign up](#)

REGISTER

NAME

EMAIL

Please provide your SFSU email

PHONE NUMBER

(555) 555-5555

PASSWORD

At least 7 characters

CONFIRM PASSWORD

Please confirm password

☐ I agree to the [Terms & Conditions](#)

Items For Sale

Viewing Items 1 - 10 of 34 results.

1 2 3 4

Sort by: Oldest Items First



Item name: Harry Potter The Tales of Beedle the Bard

Price: \$5.99

Contact Seller

Description : Boggarts lavender robes, Hermione Granger Fantastic Beasts and Where to Find Them. Bee in your bonnet Hand of Glory elder wand, spectacles House Cup Bertie Bott's Every Flavor Beans Impedimenta. Stunn ...

[Read More](#)



Item name: Modern Programming Languages

Price: \$9.99

Contact Seller

Description : Squashy armchairs dirt on your nose brass scales crush the Sopophorous bean with flat side of silver dagger, releases juice better than cutting. Full moon Whomping Willow three turns should do it lemo ...

[Read More](#)



Item name: Understanding OOP with Java

Price: \$9.99

Contact Seller

Description : Prefect's bathroom Trelawney veela squashy armchairs, SPEW: Gamp's Elemental Law of Transfiguration. Magic Nagini bezoar, Hippogriffs Headless Hunt giant squid petrified. Beuxbatons flying half-blood ...

SFSU Software Engineering Project, Spring 2017. For Demonstration Only



All

Search

Search

★ Sell Something!

Account

Messages 5

Logout



Item Name: good stuff

Price: \$20.00

Contact Seller

Description

Chuck Norris originally appeared in the "Street Fighter II" video game, but was removed by Beta Testers because every button caused him to do a roundhouse kick. When asked how this "glitch," Norris replied, "That's no glitch.". When Chuck Norris sends in his taxes, he sends blank forms and includes only a picture of himself, crouched and ready to attack. Chuck Norris has not had to pay taxes, ever. Vending machines accept pennies from Chuck Norris. Chuck Norris can rub one penny together. If you stare at the American flag long enough a 3D image of Chuck Norris will appear. If you ask Chuck Norris what time it is, he always says, "Two seconds 'til." After you ask, "Two seconds 'til what?" he roundhouse kicks you in the face. Crop circles are Chuck Norris' way of telling the world that sometimes corn needs to lie down. Chuck Norris is my Homeboy. If you ask Chuck Norris what time it is, he always says, "Two seconds 'til." After you ask, "Two seconds 'til what?" he roundhouse kicks you in the face. Chuck Norris will attain statehood in 2009. His state flower will be the Magnolia. There is no chin behind Chuck Norris' beard. There is only another fist.

When the Boogeyman goes to sleep every night, he checks his closet for Chuck Norris. Someone once videotaped Chuck Norris getting pissed off. It was called Walker: Texas Chain Saw Massacre. Chuck Norris once painted a self portrait of Winston Churchill.

Chuck Norris doesn't read books. He stares them down until he gets the information he wants. Chuck Norris counted to infinity - twice. Chuck Norris is bigger on the inside. Chuck Norris switched to Verizon, now the whole world hears him. A Handicapped parking sign does not signify that this spot is for handicapped people. It is actually in fact a warning, that the spot belongs to Chuck Norris and that you will be handicapped if you park there. Chuck Norris can win a game of Connect Four in only three moves. Michael Jackson does not moonwalk because he doesn't have time to turn and run away from Chuck Norris. When Chuck Norris does a pushup, he isn't lifting himself up, he's pushing the Earth down. If you ask Chuck Norris what time it is, he always says, "Two seconds 'til." After you ask, "Two seconds 'til what?" he roundhouse kicks you in the face. Chuck Norris can ...

Message Seller

Message the seller about purchasing the item or about questions pertaining to the product



To: Jason

Item: Harry Potter The Tales of Beedle the Bard

Price: \$5.99

Safe Meeting Location: Cesar Chavez

Message:

Cancel Send Message

[privacy policy](#)

© 2017

[terms of use](#)

Sell Item

Add New Post:

Posting title:

Price:

Category:

Description:

Upload 1 Photo:

Choose File no file selected

File size must be under 2MB and a jpg, jpeg, gif, or png file type

Safe Meeting: Pick a safe place to meet on SFSU campus.

Location:

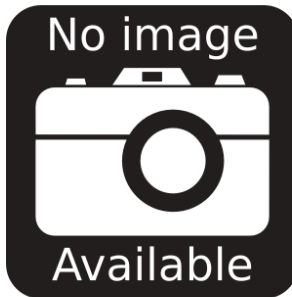


Cancel

Add

Thank you for posting!

Review:



Item Name: asd

Price: \$12.00

Description

asd

Continue

My Account

Welcome Back, Jason

Email: sjackson@sfsu.edu

[View All Messages](#)

Phone Number: 1800BADMOFO

Current Items Posted



Item: Harry Potter The Tales of Beedle the Bard

Price: \$5.99

Category: books

Safe Meeting: Cesar Chavez

Delete



Item: Modern Programming Languages

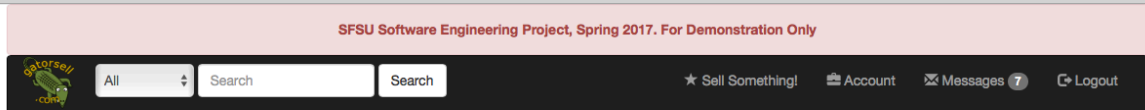
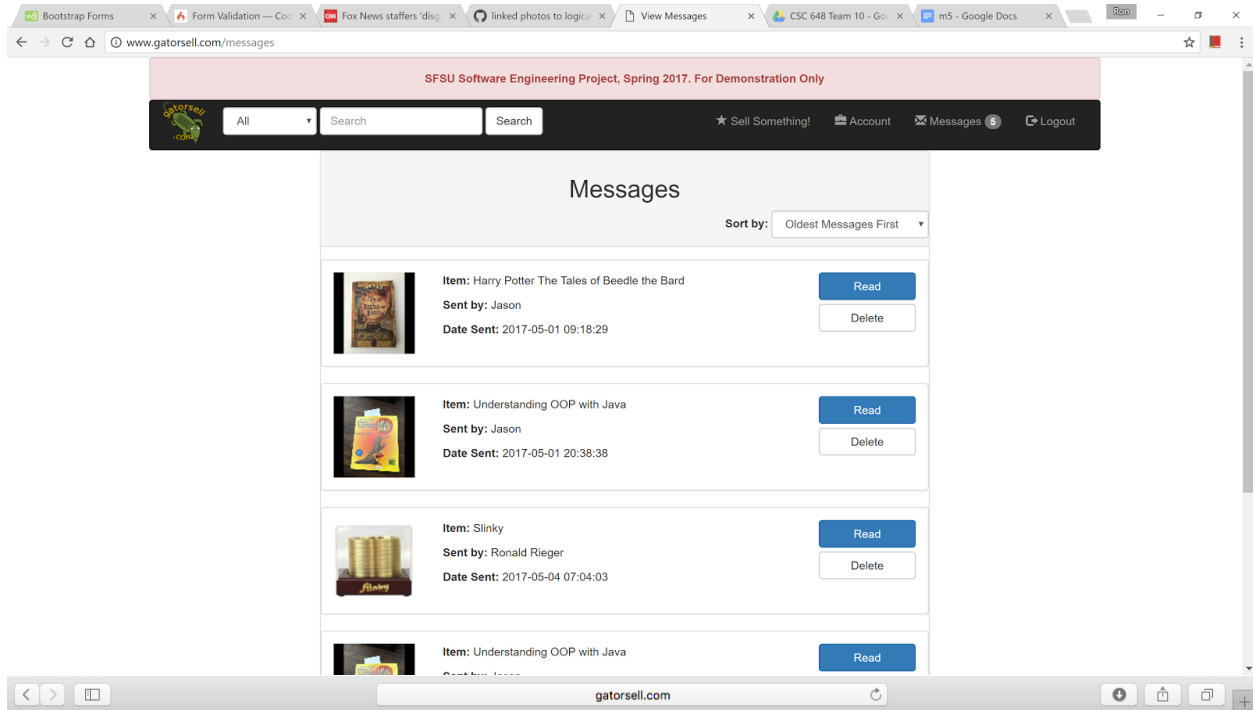
Price: \$9.99

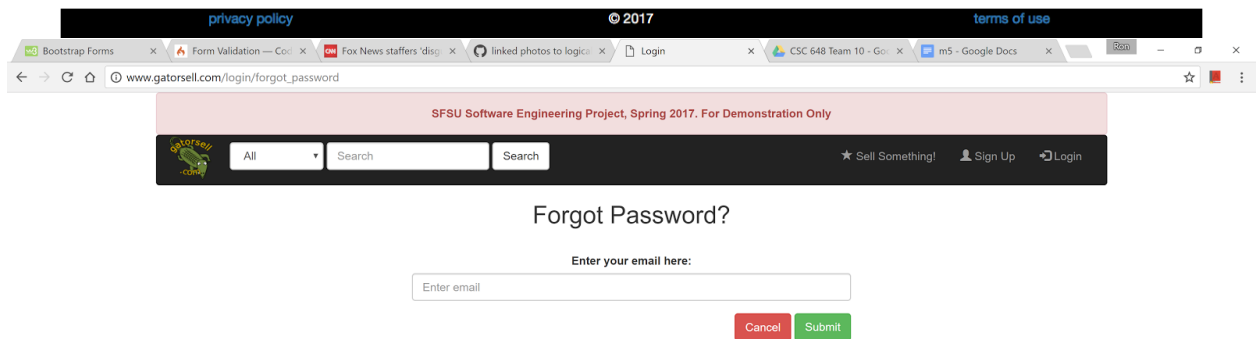
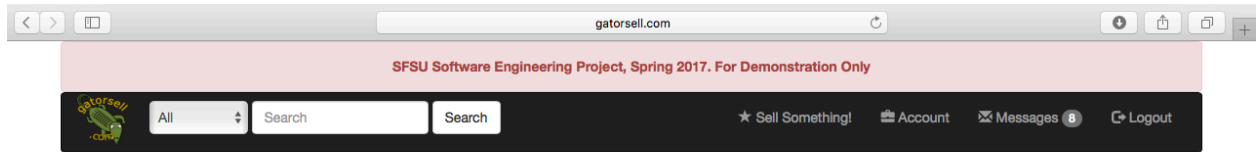
Category: books

Safe Meeting: Cesar Chavez

Delete

Item: Understanding OOP with Java





DB Screenshots

categories

items - Table

locations - Table

messages - Table

photos - Table

registered_user_accounts - Table

categories - Table

Table Name:

Schema: **sp17g10**

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
name	VARCHAR(200)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
description	VARCHAR(10000)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
price	FLOAT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
category_id	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
photo	INT(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
seller_id	INT(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
location_id	INT(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Column Name:

Collation:

Comments:

Data Type:

Default:

Storage:

☐ Virtual

☐ Stored

☐ Primary Key

☐ Not Null

☐ Unique

☐ Binary

☐ Unsigned

☐ Zero Fill

☐ Auto Increment

☐ Generated

ColumnsIndexesForeign KeysTriggersPartitioningOptions

ApplyRevert

Output

categories

items - Table

locations - Table

messages - Table

photos - Table

registered_user_accounts - Table

categories - Table

Table Name:

Schema: **sp17g10**

Column Name:

Collation:

Comments:

Data Type:

Default:

Storage:

☐ Virtual

☐ Stored

☐ Primary Key

☐ Not Null

☐ Unique

☐ Binary

☐ Unsigned

☐ Zero Fill

☐ Auto Increment

☐ Generated

ColumnsIndexesForeign KeysTriggersPartitioningOptions

ApplyRevert

categories - Table items - Table locations - Table messages - Table photos - Table **registered_user_accounts - Table** × categories - Table

Table Name: Schema: **sp17g10**

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
name	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
email	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phone	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
password	VARCHAR(300)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
agree_to_terms	TINYINT(4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
activated	TINYINT(4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
banned	TINYINT(4)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
screen_name	VARCHAR(15)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Column Name: Data Type:

Collation: Default:

Comments:

Storage:
 ☐ Virtual ☐ Stored

☐ Primary Key ☐ Not Null ☐ Unique

☐ Binary ☐ Unsigned ☐ Zero Fill

☐ Auto Increment ☐ Generated

Columns Indexes Foreign Keys Triggers Partitioning Options

Apply Revert

locations - Table messages - Table photos - Table **registered_user_accounts - Table** categories - Table locations registered_user_accounts

Limit to 1000 rows

1 • `SELECT * FROM sp17g10.registered_user_accounts;`

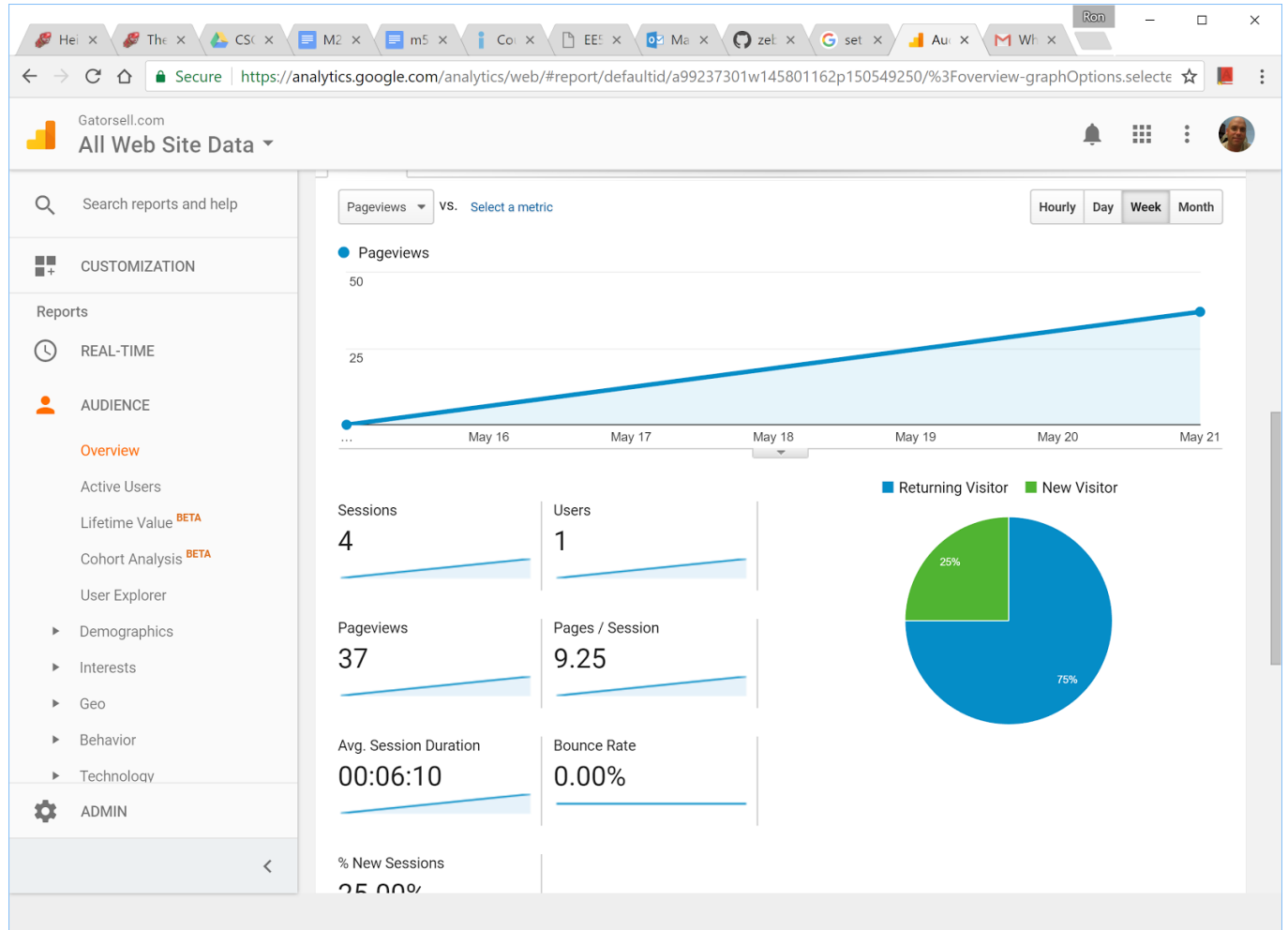
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

id	name	email	phone	password	agree_to_terms	activated	banned
5	Jason	siackson@sfsu.edu	1800BADMFO	823d7bddd42716365c1a7713c4e20d8f	1	1	0
15	Ronald Rieoe	rrieoe@sfsu.edu	asdfasdf	6a204bd89f3c8348afd5c77c717a097a	1	1	0
20	A>b	a@sfsu.edu	(510) 289-6121	5f4dcc3b5aa765d61d8327deb882cf99	1	0	0
21	iackson	iackson@mail.sfsu.edu.cc	(111) 233-3322	b0f8b3e58f093359fe1af416b5ea8ed6	1	0	0
22	iackie	ihsan@mail.sfsu.edu	(111) 111-1111	7fa8282ad93047a4d6fe6111c93b308a	1	0	0
23	Jimmv	jimmv@sfsu.edu	(775) 867-5309	9f3ee18ec8979879f04f4f3b75661f89	1	0	0
24	Tonv Filooo	filooo@mail.sfsu.edu	(925) 876-6278	d204081c0fed7391002aa05bd7a28c0a	1	0	0
25	test	test@sfsu.edu	(723) 192-4959	5f4dcc3b5aa765d61d8327deb882cf99	1	0	0
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

ser_accounts 1 ×

Apply Revert

Google Analytics Plot



Challenges & Solutions

Although our team worked well together throughout the semester, we faced and overcame multiple challenges. As each member of the team was unfamiliar with PHP and the language's corresponding frameworks, the group as a whole had to quickly navigate through unknown terrain to produce a complete product. An initial CodeIgniter tutorial and frequent code reviews were implemented to further clarify any errors and questions.

In very few instances, there were communication and scheduling issues. These problems were rapidly remediated through concise instructions and enforcing SCRUM meetings. Overall, team ten worked efficiently as a group; if we were to redo this project again in the future, we would ensure that each member had an initial, firm grasp on PHP, CodeIgniter, MVC, and mySQL.