Final Project for SW Engineering Class CSC 648-848 Fall 2018

GatorList

https://csc648team12.herokuapp.com/

Team 12

Pablo Escriva   pescrivagallardo@mail.sfsu.edu

Syed Kazmi   Harry Zhang

Shi Yi Li (Jack)   Stephanie Santana

Marlo Sandoval   Johnny Huynh

12/16/18

Product Summary

Name of product: GatorList https://csc648team12.herokuapp.com/

All unregistered users shall be able to:
1. Register a new account
2. Log into an existing account (and logout afterwards)
3. Use the search engine to see the store's items
4. Change the search category to filter search results
5. Fill out the sell item post form
    a. Add from 1 to 4 images
    b. Add up to 500 words for description
    c. Add a price
    d. Are unable to submit the item post form for review until they log into or register for a registered account
6. Visit the different links (i.e. Home, Sell, About Team, Register, Login)

All registered users shall be able to:
1. Log out from their account
2. Use the search engine to see the store's items
3. Change the category to filter search results
4. Fill out the sell item post form
    a. Add from 1 to 4 images
    b. Add up to 500 words for description
    c. Add a price
    d. Submit the item post form for review
5. Visit the different links (i.e. Home, Sell, User Dashboard, About Team, Register, Login)
6. Visit their user dashboard page
    a. See their item posts and statuses
    b. Delete their item posts
7. Message another user regarding an item

Admins shall be able to:
1. Log out from their account
2. Use the search engine to see the store's items
3. Change the category to filter search results
4. Fill out the sell item post form
    a. Add from 1 to 4 images
    b. Add up to 500 words for description
    c. Add a price
    d. Submit the item post form for review
5. Access the admin dashboard
    a. View posts that need review
    b. Approve or deny an item post
    c. View a list of all the registered users
6. Delete an item post

7. Delete a registered user's account

Product Screenshots

About Team   Sell   Register   Login

| Vehicles ⇕ | car | **Go** |

Search results

Back

Showing 2 out of 2

CHRYSLER 300 CAR

Description:

2013 Chrysler 300. Has
95,000 miles. Up to date
on vehicle maintenance,
oil changes, smog check,
etc. Runs smooth.

Contact Seller

Price: $13,000
Seller: StephanieSantana

USED CAR

Description:

No longer using this car
anymore. Got rear ended.
Needs a new bumper.
Selling as is.

Contact Seller

Price: $500
Seller: vkumar

GatorList™

All Categories ⬍ | Search | Go

Team 12

Team 12

Team Members

Pablo
Team Lead

Harry
Front-End Developer

Syed
Front-End Developer

Stephanie
Front-End Developer

Jack
Back-End Developer

Johnny
Back-End Developer

Marlo
Back-End Developer

GatorList™

Team 12

All Categories ⬍ | Search | Go

Home About Team Sell Register Login

Login

New User?
Register here

Username

Enter username

Password

Enter password

Login

Forgot Password?

Gator**List** ™

Team 12

| Vehicles ▲▼ | car | Go |

About Team   Sell   Register   Login

Welcome to **GatorList**, where you can browse, purchase, and sell items between fellow San Francisco State University students.

Recent Items

Showing 40 out of 40

Back

GOOGLE PLAY CARD $100
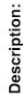
Description:

loaded with $100 credit. need cash

Contact Seller

Price: $95
Seller: Coolbob

CHAIR

Description:

Good Condition. There is minor wear and tear on the left leg of chair. Have been told it is extrememly comfortable.

Contact Seller

Price: $50
Seller: pabloegpf1

RARE SHONENJUMP MANGA BOOK

Description:

Weekly Shonen Jump Vol. 28

HARRY POTTER BOOK 1

Description:

In great condition

✕

GatorList ™

Team 12

Vehicles | car | Go

Registration

Existing User?
Login here

Required *

Enter First name: *
Enter Name

Enter Last name: *
Enter Last Name

Enter a Username: *
Enter username

Enter a Password: *
Enter password

☐ I agree to the Terms Of Use.

☐ I'm not a robot

reCAPTCHA
Privacy - Terms

Submit

GatorList ™

Team 12

All Categories ⬍   Search   Go

Item to Sell

Required *

Item Name: *

Enter item name

Description: *

Enter Item Description

500 characters remaining

Price: *

Enter a price

Category: *

Select One ◄►

Choose Files   No file chosen

Note: It will take up to 24 hours for Admin to review and approve Post.

Cancel   Submit for Review

GatorList ™

Team 12

Home   About Team   Sell   User Dashboard   Log Out

All Categories ◀▶ | Search | Go

User Dashboard

MY POSTS

XBOX CONTROLLER

Description:

Xbox One Lunar White wireless controller for sale. Perfect condition, just no longer needed. Originally $64.99 but will drop the price because I just want to get rid of it

Price: $55
Seller: StephanieSantana

Delete

CHRISTMAS WREATH

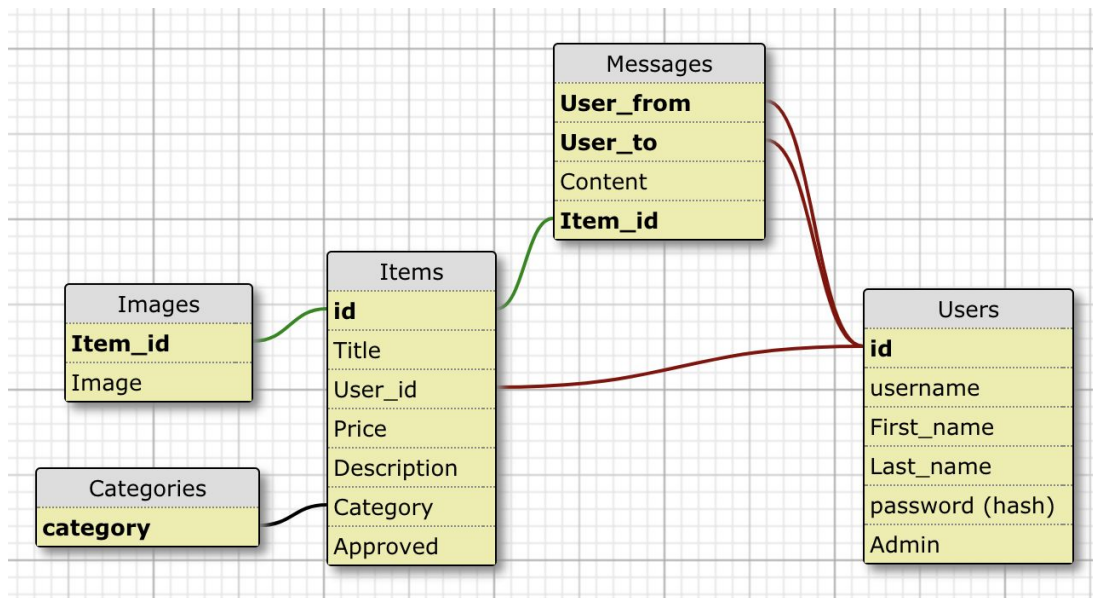

Description:

Beautiful Christmas wreath just

MESSAGES

PABLOEGPF1

Item: Christmas Wreath

hey Stephanie

Reply

Database

Users

column	type	max length	default	primary key	null	
ID	integer		auto increment	yes	no	Edit Delete
username	varchar(255)	255			yes	Edit Delete
FirstName	varchar(255)	255			yes	Edit Delete
LastName	varchar(255)	255			yes	Edit Delete
password	varchar(255)	255			yes	Edit Delete
Admin	boolean		false		yes	Edit Delete

[Add column]

Indexes

name	p. key	uniq	columns	type	
Users_pkey	Yes	Yes	ID	btree	Delete
users_username_unique	No	Yes	username	btree	Delete

[Add index]

Constraints

name	source	
users_username_unique	UNIQUE (username)	Delete

Items

column	type	max length	default	primary key	null	
ID	integer		auto increment	yes	no	Edit Delete
Title	varchar(255)	255			yes	Edit Delete
UserID	integer				no	Edit Delete
Price	varchar(255)	255			yes	Edit Delete
Description	text				yes	Edit Delete
Category	varchar(255)	255			yes	Edit Delete
Approved	boolean		false		yes	Edit Delete
created_at	timestampz		CURRENT_TIMESTAMP		yes	Edit Delete

Add column

Indexes

name	p. key	uniq	columns	type	
Items_pkey	Yes	Yes	ID	btree	Delete

Add index

Constraints

name	source	
items_userid_foreign	FOREIGN KEY ("UserID") REFERENCES "Users"("ID")	Delete
items_category_foreign	FOREIGN KEY ("Category") REFERENCES "Categories"("Category") ON DELETE CASCADE	Delete

Images

column	type	max length	default	primary key	null	
ItemID	integer				yes	Edit Delete
Link	text				yes	Edit Delete

Add column

Indexes

name	p. key	uniq	columns	type

Add index

Constraints

name	source	
images_itemid_foreign	FOREIGN KEY ("ItemID") REFERENCES "Items"("ID") ON DELETE CASCADE	Delete

Categories

column	type	max length	default	primary key	null	
Category	varchar(255)	255		yes	no	Edit Delete

Add column

Indexes

name	p. key	uniq	columns	type	
Categories_pkey	Yes	Yes	Category	btree	Delete

Add index

Google analytics plot

When do users access?

Users by time of day

	dom.	lun.	mar.	mié.	jue.	vie.	sáb.
12a. m.							
2a. m.							
4a. m.							
6a. m.							
8a. m.							
10a. m.							
12p. m.							
2p. m.							
4p. m.							
6p. m.							
8p. m.							
10p. m.							

1   3   5   7   9

Last 30 days ▼

Where are your users?

Sessions by country

United States

0 %   100 %

Last 7 days ▼   OVERVIEW OF LOCATIONS ›

What are your main devices?

Sessions by device

Computers	Mobile phones	Tablets
92.5%	5 %	2.5%
↓1.2%	↓1.2%	-

Last 7 days ▼   OVERVIEW OF MOBILES ›
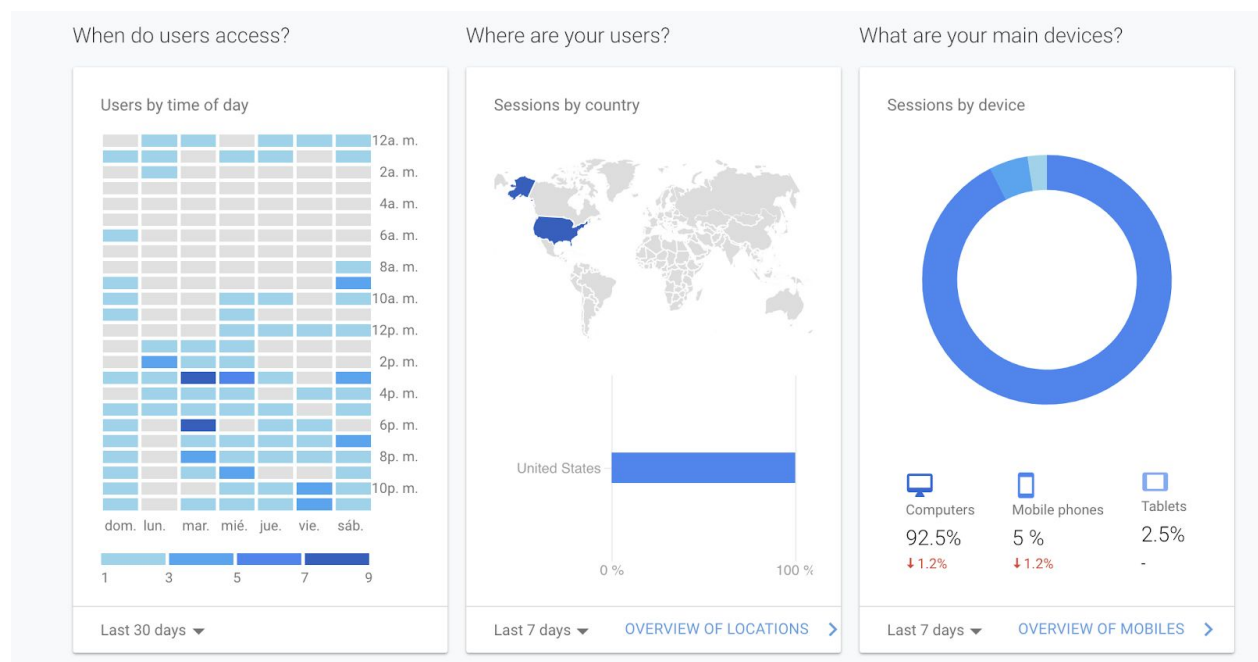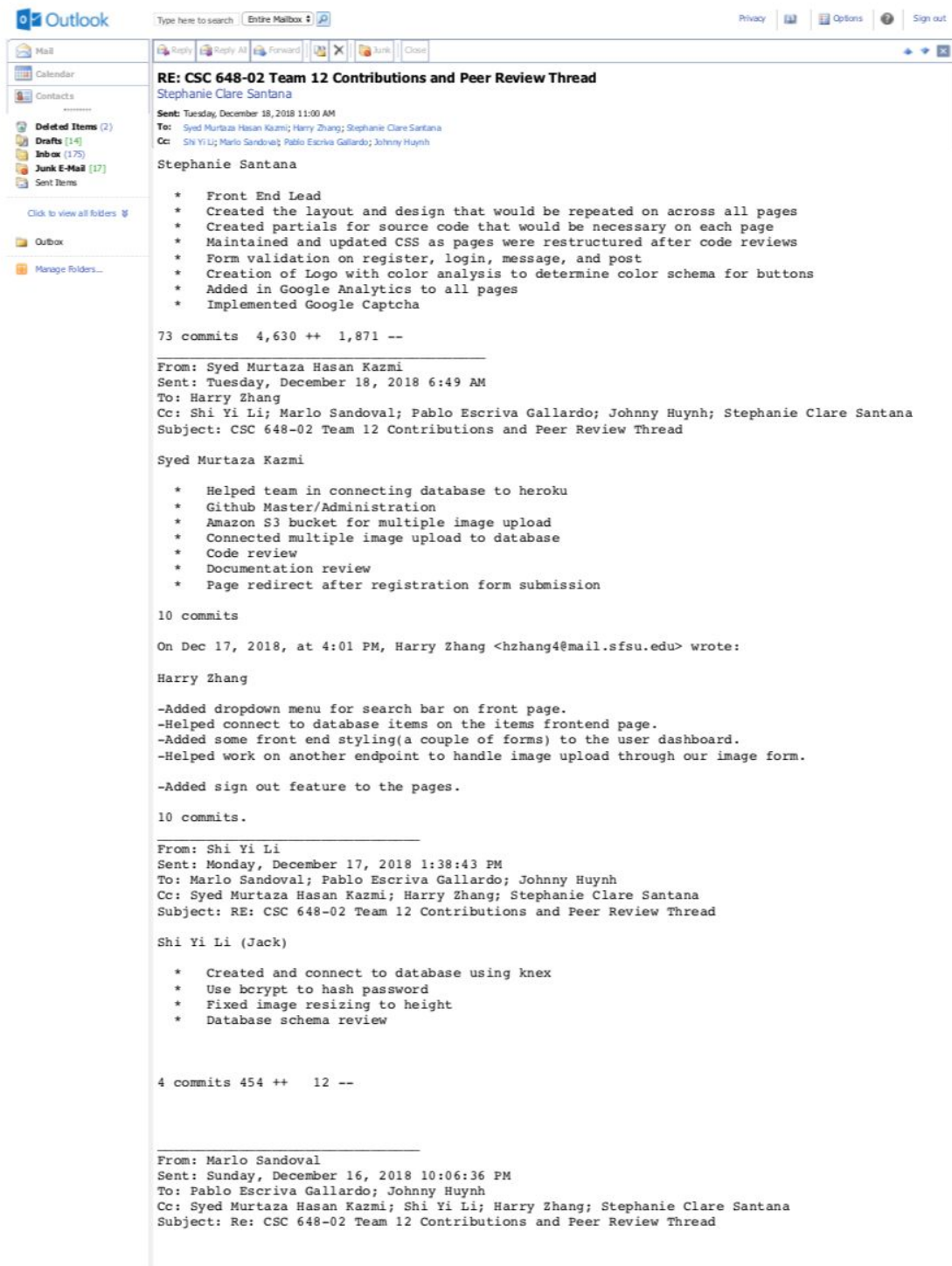
What pages do your users visit?

Page	Number of page views	Page value
/	614	0,00 $
/user-dashboard	130	0,00 $
/login	129	0,00 $
/post	52	0,00 $
/items-search	40	0,00 $
/admin-dashboard	34	0,00 $
/about	15	0,00 $
/register	13	0,00 $
/send-message?to_id...a&item=TV&item_id=4	11	0,00 $
/send-message?to_id...ases book&item_id=1	10	0,00 $

Last 7 days ▼   REPORT PAGES   ❯

Team member contribution emails

Mail
Calendar
Contacts
Deleted Items (2)
Drafts [14]
Inbox [175]
Junk E-Mail [17]
Sent Items

Click to view all folders

Outbox

Manage Folders...

Reply | Reply All | Forward | X | Junk | Close

RE: CSC 648-02 Team 12 Contributions and Peer Review Thread
Stephanie Clare Santana

Sent: Tuesday, December 18, 2018 11:00 AM
To: Syed Murtaza Hasan Kazmi; Harry Zhang; Stephanie Clare Santana
Cc: Shi Yi Li; Marlo Sandoval; Pablo Escriva Gallardo; Johnny Huynh

Stephanie Santana

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    *   Front End Lead
    *   Created the layout and design that would be repeated on across all pages
    *   Created partials for source code that would be necessary on each page
    *   Maintained and updated CSS as pages were restructured after code reviews
    *   Form validation on register, login, message, and post
    *   Creation of Logo with color analysis to determine color schema for buttons
    *   Added in Google Analytics to all pages
    *   Implemented Google Captcha

73 commits  4,630 ++  1,871 --
_____
From: Syed Murtaza Hasan Kazmi
Sent: Tuesday, December 18, 2018 6:49 AM
To: Harry Zhang
Cc: Shi Yi Li; Marlo Sandoval; Pablo Escriva Gallardo; Johnny Huynh; Stephanie Clare Santana
Subject: CSC 648-02 Team 12 Contributions and Peer Review Thread

Syed Murtaza Kazmi

    *   Helped team in connecting database to heroku
    *   Github Master/Administration
    *   Amazon S3 bucket for multiple image upload
    *   Connected multiple image upload to database
    *   Code review
    *   Documentation review
    *   Page redirect after registration form submission

10 commits

On Dec 17, 2018, at 4:01 PM, Harry Zhang <hzhang4@mail.sfsu.edu> wrote:

Harry Zhang

-Added dropdown menu for search bar on front page.
-Helped connect to database items on the items frontend page.
-Added some front end styling(a couple of forms) to the user dashboard.
-Helped work on another endpoint to handle image upload through our image form.

-Added sign out feature to the pages.

10 commits.
_____
From: Shi Yi Li
Sent: Monday, December 17, 2018 1:38:43 PM
To: Marlo Sandoval; Pablo Escriva Gallardo; Johnny Huynh
Cc: Syed Murtaza Hasan Kazmi; Harry Zhang; Stephanie Clare Santana
Subject: RE: CSC 648-02 Team 12 Contributions and Peer Review Thread

Shi Yi Li (Jack)

    *   Created and connect to database using knex
    *   Use bcrypt to hash password
    *   Fixed image resizing to height
    *   Database schema review


4 commits 454 ++   12 --


_____
From: Marlo Sandoval
Sent: Sunday, December 16, 2018 10:06:36 PM
To: Pablo Escriva Gallardo; Johnny Huynh
Cc: Syed Murtaza Hasan Kazmi; Shi Yi Li; Harry Zhang; Stephanie Clare Santana
Subject: Re: CSC 648-02 Team 12 Contributions and Peer Review Thread
```

Marlo Sandoval
Worked on and completed:
- Created the page for admin post review
- Worked on part of the vertical prototype

Worked on but not completed:
- Thumbnails for images (dropped)
- Fixing minor bug on the navbar (browser issue)

0 commits on developer branch (merge commits not counted)

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From: Pablo Escriva Gallardo
Sent: Sunday, December 16, 2018 9:39:30 PM
To: Johnny Huynh
Cc: Marlo Sandoval; Syed Murtaza Hasan Kazmi; Shi Yi Li; Harry Zhang; Stephanie Clare Santana
Subject: Re: CSC 648-02 Team 12 Contributions and Peer Review Thread

Pablo Escriva

   *   Team Lead
   *   Database schema
   *   Database administration
   *   Code review
   *   integrated frontend with backend
   *   Github administration

57 commits 649,929 ++ 6,530 --

On Dec 16, 2018, at 17:09, Johnny Huynh <jhuynh9@mail.sfsu.edu<mailto:jhuynh9@mail.sfsu.edu>>
wrote:

Hello Team 12,

This e-mail thread consists of each member's contributions to the project. Please share the
functions or tasks that you've worked on/completed and the number of submissions made to the
GitHub Developer branch. (Please use Reply All when adding to the thread.)

Johnny Huynh
Tasks Completed:

   *   Have search function find relevant items
   *   Fixed category button to highlight current category
   *   Retain the user's search and category selection on any page
   *   Remove non-alphanumeric characters from the user's search input (prevent harmful injection)
   *   Fixed the item search results page display the box sizes correctly when there's an odd
number of results

6 GitHub commits, 243++, 179--.

Post analysis

Reply   Reply All   Forward   Junk   Close

Project overview: GatorList

Pablo Escriva Gallardo

Sent: Tuesday, December 18, 2018 1:50 AM
To: Marlo Sandoval; Stephanie Clare Santana; Harry Zhang; Johnny Huynh; Syed Murtaza Hasan Kazmi; Shi Yi Li

Dear team 12,

We've arrived to the end of this project. It has been 5 months of hard work and we have finally delivered the final product. Now I want to go back and review everything that we have done so far.
It took us a while to familiarize ourselves with the tools we needed to use. None of us had real experience with javascript but after the first couple of weeks we all started understanding how an express application works. Then we had to figure out how to incorporate a database to our web application and I personally think we did a good job in the backend. Once we had all the structure for our server, we needed to make a nice product that a user would like, and we did really good with our frontend. The page is beautiful, clean and efficient.
Unfortunately, we were not able to deliver one of our P2 features, multiple images per item. We managed to make it work in the backend but we couldn't display them. I am pretty sure that we were able to do it but our main problem was time. We all have a lot of other classes and we don't have as much time as we would like to spend in this project.
I asked for your oppinion about the project and the main thing I would have done different if we went back to the initial states of the project is making sure we had our priorities better defined and I would have pushed the team harder, especially during the last stages.
However, I think we can be proud of what we have done, specially for all the new technical skills we have learned.
Thank you for your hard work and hope to see you around during next semester,
Best,

Pablo
Team 12