Final Project for SW Engineering CSC 648/848 [2] - Fall 2016
"myPlace" Web Application
Team 14 *(Local)*

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http://sfsuswe.com/~iivanenk/MyPlace/

December 20, 2016

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Product Summary

   myPlace is an apartment rental web application that is built by San Francisco University (SFSU) students, for SFSU students. *myPlace* leverages itself over its competitors by limiting its rental services to SFSU students only. *myPlace* will include basic features such as search, filters, maps, apartment listing, and communication. However we highlight these features by basing the design similar to official SFSU websites; thereby creating a welcoming and native feel familiar to SFSU students as well as an extension of SFSU's online identity. By emphasizing simplicity and intuitive design, we can serve clients of all ages and focus on delivering the one desire of our SFSU students: finding a place to rent.

   Guests and students shall be able to view apartment listings provided by landlords and filter results to better find exactly what they are looking for. After finding an appropriate living space, the student can contact the landlord to get more information and setup appointments.

   Landlords have the ability to create apartment listings that can be seen by both guests and students. Landlords can provide information such as images, address, available times, and etc, which will allow students to better filter for their own apartment.

   All postings shall be moderated by the sites administrators who can remove inappropriate or no longer relevant apartment listings. Administrators can also remove user accounts that are unproductive or toxic for the website's community.

   myPlace's purpose is to deliver a simple and reliable apartment renting service to SFSU students. Although this type of service is not new, there has yet to be a renting service that targets SFSU students adequately.

   As a small startup of SFSU students, we believe that *myPlace* will not just provide a better renting service, but also foster a better relationship between SFSU students, SFSU itself, and local landlords. We know the difficulties and obstacles in finding the perfect apartment and can provide competitive resources so that each user has the best overall experience.

Website URL: http://sfsuswe.com/~iivanenk/MyPlace/

Note: Team was locked out of group server account and deployed site from tech lead server account

Priority 1 Functionality

Priority Level: (1 - *must have*)

Priority 1:	
Data Definition	**Function**
Website shall have:	Use of filters, search bar, and sort by features
	Login and SignUp
	Thumbnail of Apartments & Featured Apartments
Guest shall be able to:	Register for an account (only as SFSU student or Landlord)
	Browse apartments
	Filter, search, or sort apartment results
Student shall be able to:	Login account with mail.sfsu.edu email
	Filter, search, or sort by apartment results
	Message Landlord
Landlord shall be able to:	Offer (multiple) apartments for rent
	Edit apartment (ie. description, images, delete, etc.)
	View messages from interested students
	Have guest view of apartments
Admin shall be able to:	Use SQL Workbench to delete user accounts and/or apartments but not edit them
Apartment shall have ***data*** including	Title
	Description
	Price
	Zip Code
	Maps using Google Maps API

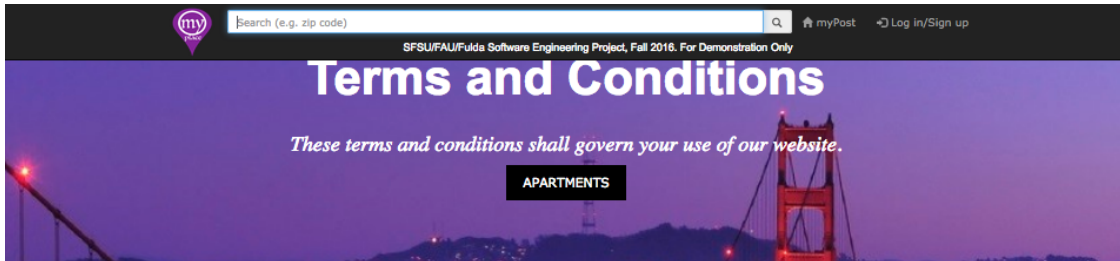|	
	Images (optional - max 10)
	Thumbnail
	Posted Date
	Pet Friendly
	Parking Available
	Laundry Available
	No Smoking
	Shared Room
	Furnished
	Wheelchair accessible

Final Screenshots

myPlace is an apartment rental web application that is built by San Francisco University (SFSU) students, for SFSU students. myPlace leverages itself over its competitors by limiting its rental services to SFSU students only. myPlace will include basic features such as search, filters, maps, apartment listing, and communication. However we highlight these features by basing the design similar to official SFSU websites; thereby creating a welcoming and native feel familiar to SFSU students as well as an extension of SFSU's online identity. By emphasizing simplicity and intuitive design, we can serve clients of all ages and focus on delivering the one desire of our SFSU students: finding a place to rent.

Where to Find Us

San Francisco State University

About Us   Terms and Condition   Privacy Policy   Copyright © 2016

Terms and Conditions

These terms and conditions shall govern your use of our website.

APARTMENTS

Terms	Conditions

Introduction
document governs website use; consent to website document: implied; consent to website terms and conditions: express; website user minimum age; cookie consent.

Copyright notice
UCC copyright notice; ownership of rights in website.

Licence to use website
Licence to use website; no downloading; website use: permitted purposes; no modification of website content; limitations on licence to use website; redistributable content; restriction of access to website.

Acceptable use
Acceptable use: prohibitions; using contact details prohibited; veracity of information supplied.

Registration and accounts
Account eligibility; account registration process; no other person permitted to use account; notify on misuse of account; use of another's account.

User login details
Provision of login details; user ID rules and impersonation; password to be kept confidential; notify on disclosure of password; responsibility for password loss.

Cancellation and suspension of account
Rights of operator over free website account; cancellation of free website account by user.

Your content licence
Definition of user content; licence of user content; sub-licensing of user content; right to bring proceedings in respect of user content; waiver of moral rights in user content; user may edit own content; delete etc user content on breach.

Your content rules
User content warranty; no unlawful user content; user content rules; civility and user content; hyperlinking and user content; previous complaints and user content.

Report abuse
request to report abuse; how to report abuse.

Limited warranties
No warranties for information; right to discontinue website publication; no implied warranties or representations relating to website.

Limitations and exclusions of liability
Caveats to limits of liability; interpretation of limits of liability; no liablity for free information or services; no liability for force majeure; no liability for business losses; no liability for loss of data or software; no liability for consequential loss; no personal liability.

Report Abuse

Please refer to our Terms and Conditions and let us know why you think the content you've reported may violate these guidelines.

| Why do you want to report this apartment ▼ |

| Your Registered Email |

| Please provide specific details |

SEND MESSAGE

Privacy Policy

This privacy policy is for myPlace - Apartments for SFSU students

APARTMENTS

What is this Privacy Policy for?

The policy sets out the different areas where user privacy is concerned and outlines the obligations & requirements of the users, the website and website owners. Furthermore the way this website processes, stores and protects user data and information will also be detailed within this policy.

The Website

This website and its owners take a proactive approach to user privacy and ensure the necessary steps are taken to protect the privacy of its users throughout their visiting experience.

Contact and Communcation

Users contacting this website and/or its owners do so at their own discretion and provide any such personal details requested at their own risk. Your personal information is kept private and stored securely until a time it is no longer required or has no use, as detailed in the Data Protection Act 1998. Every effort has been made to ensure a safe and secure form to email submission process but advise users using such form to email processes that they do so at their own risk.

myPlace

Apartments for SFSU students

ALL APARTMENTS

Filters

Sort By:
Any

Bedrooms:
Any

Price:
Minimum
Maximum

Zip code:
Any

☐ Pet Friendly
☐ Parking Available
☐ Laundry
☐ No Smoking
☐ Shared Room
☐ Furnished
☐ Wheelchair Access

Clear   Filter

Featured Apartments

CLICK MORE ... $2500.00
- Bedrooms: 2
- Zip code: 94132

Details   Rent now

Walk- UP HOME $2900.00
- Bedrooms: 1
- Zip code: 94132

Details   Rent now

1BR & ... $2200.00
- Bedrooms: 2
- Zip code: 94177

Details   Rent now

All Apartments

Total apartments:21

CLICK MORE ... $2500.00
- Bedrooms: 2
- Zip code: 94132

Details   Rent now

Walk- UP HOME $2900.00
- Bedrooms: 1
- Zip code: 94132

Details   Rent now

1BR & ... $2200.00
- Bedrooms: 2
- Zip code: 94177

Details   Rent now

Home page for logged in users

SFSU/FAU/Fulda Software Engineering Project, Fall 2016. For Demonstration On

MUST BE
LANDLORD!

myPlace

Apartments for SFSU students

ALL APARTMENTS

Filters

Sort By:

Any ▼

Bedrooms:

Any ▼

Price:

Minimum

Maximum

Zip code:

Any

☐ Pet Friendly
☐ Parking Available
☐ Laundry
☐ No Smoking
☐ Shared Room
☐ Furnished
☐ Wheelchair Access

Clear   **Filter**

Featured Apartments

CLICK MORE ... $2500.00
- Bedrooms: 2
- Zip code: 94132

Details

Walk- UP HOME $2900.00
- Bedrooms: 1
- Zip code: 94132

Details

1BR & ... $2200.00
- Bedrooms: 2
- Zip code: 94177

Details

All Apartments

Total apartments:20

CLICK MORE ... $2500.00
- Bedrooms: 2
- Zip code: 94132

Details

Walk- UP HOME $2900.00
- Bedrooms: 1
- Zip code: 94132

Details

1BR & ... $2200.00
- Bedrooms: 2
- Zip code: 94177

Details

Home page for guests

Log in/Sign up

tal apartments:21

Filters

Sort By:

Any

Bedrooms:

Any

Price:

Minimum

Maximum

Zip code:

Any

☐ Pet Friendly
☐ Parking Ava
☐ Laundry
☐ No Smokin
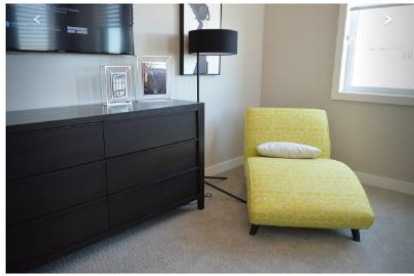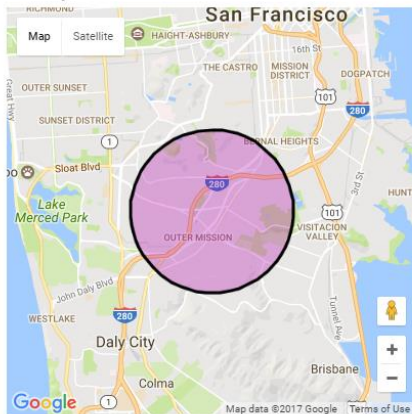☐ Shared Roo
☐ Furnished
☐ Wheelchair

Clear

2BR, Great for groups

Well managed apartment with 2 bedrooms. Lot parking and furnished!

Map

Amenities/Filtered

- **Price:** $4200.00
- **Bedrooms:** 2
- **Zip code:** 94112
- **Furnished:** Yes
- **Laundry:** No
- **Parking available:** Yes
- **Pet friendly:** Yes
- **Shared Room:** No
- **Smoking:** No
- **Wheelchair Access:** Yes

Or need more information before renting apartment? Contact landlord below.

$2200.00

2
94177

$5000.00

2
94122

SFSU/FAU/Fulda Software Engineering Project, Fall 2016. For Demonstration Only

myPost

Post apartments for SFSU students

ADD APARTMENT

320×150	320×150	320×150

First Product $24.99
This is a short description. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Edit Post   View Messages   Delete Post

Second Product $64.99
This is a short description. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

★ ★ ★ ★ ☆   12 reviews

Third Product $74.99
This is a short description. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

★ ★ ★ ★ ☆   31 reviews

SFSU/FAU/Fulda Software Engineering Project, Fall 2016. For Demonstration Only

myMessages

Messages from interested SFSU students
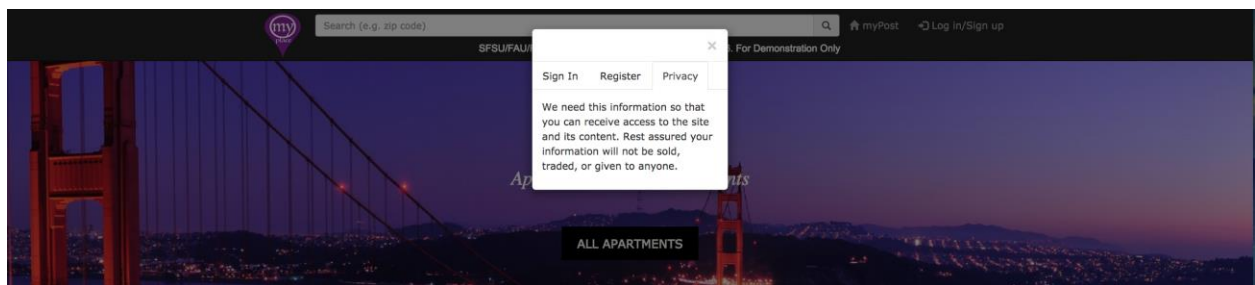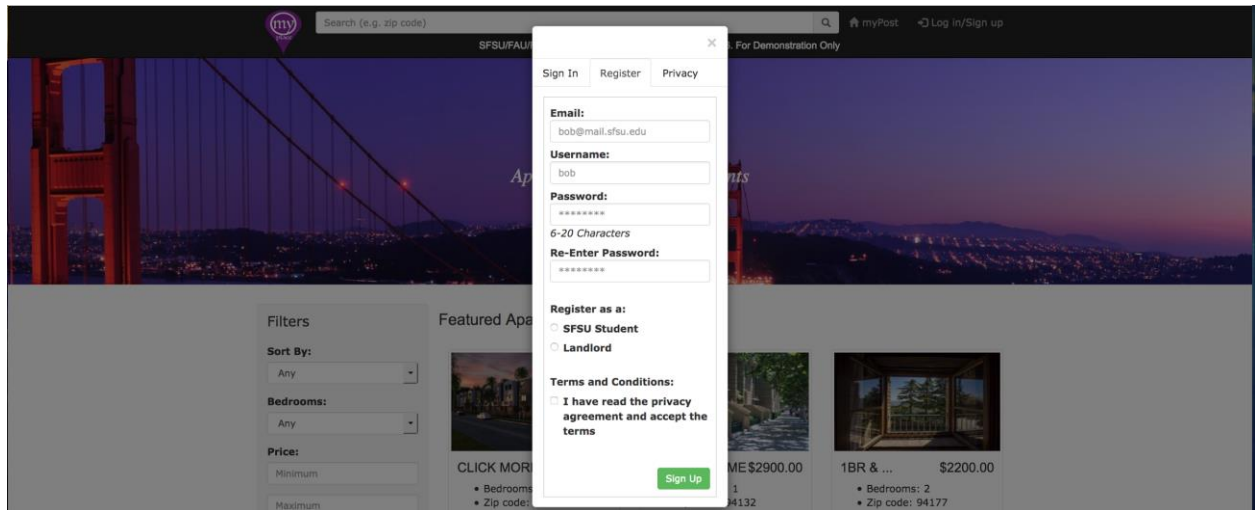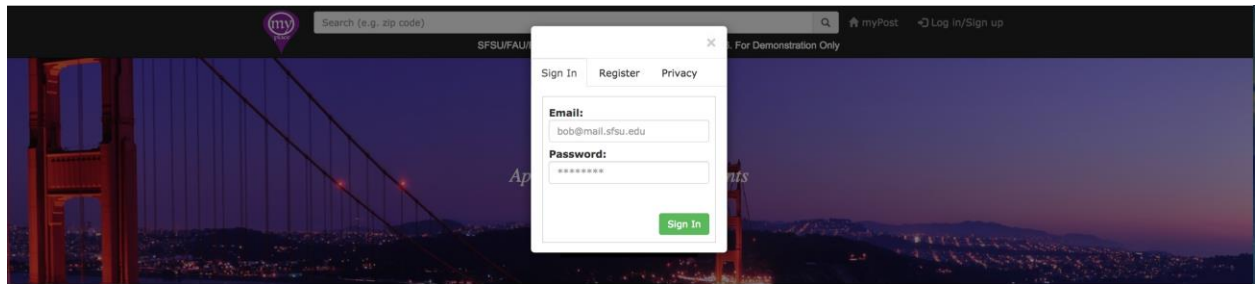
MyPost

MyMessages for:

Apartment id: 19

Name	aid	idMessages	parent_id	message_recipient	message	email
landlord	19	17	22	22	This is a test message	landlord@mail.sfsu.edu

Screenshot 1 — Sign In modal

Search (e.g. zip code)

myPost   Log in/Sign up

SFSU/FAU... . For Demonstration Only

Sign In   Register   Privacy

Email:
bob@mail.sfsu.edu

Password:
****

Sign In

Screenshot 2 — Register modal

Search (e.g. zip code)

myPost   Log in/Sign up

SFSU/FAU... b. For Demonstration Only

Sign In   Register   Privacy

Email:
bob@mail.sfsu.edu

Username:
bob

Password:
****
6-20 Characters

Re-Enter Password:
****

Register as a:
○ SFSU Student
○ Landlord

Terms and Conditions:
☐ I have read the privacy agreement and accept the terms

Sign Up

Filters

Sort By:
Any

Bedrooms:
Any

Price:
Minimum
Maximum

Featured Apa...

CLICK MOR...
• Bedrooms
• Zip code:

ME $2900.00
1
4132

1BR & ... $2200.00
• Bedrooms: 2
• Zip code: 94177

Screenshot 3 — Privacy modal

Search (e.g. zip code)

myPost   Log in/Sign up

SFSU/FAU... . For Demonstration Only

Sign In   Register   Privacy

We need this information so that you can receive access to the site and its content. Rest assured your information will not be sold, traded, or given to anyone.

ALL APARTMENTS

Workbench screen shots of your actual DB

id	name	email	password	usertype
1	ADMIN	admin@mail.sfsu.edu	$2y$10$Va2EeCuroiXem...	1

User & Password Database Example

Datalisting Database Example

Database Schema Example

Google analytics plot for your WWW site
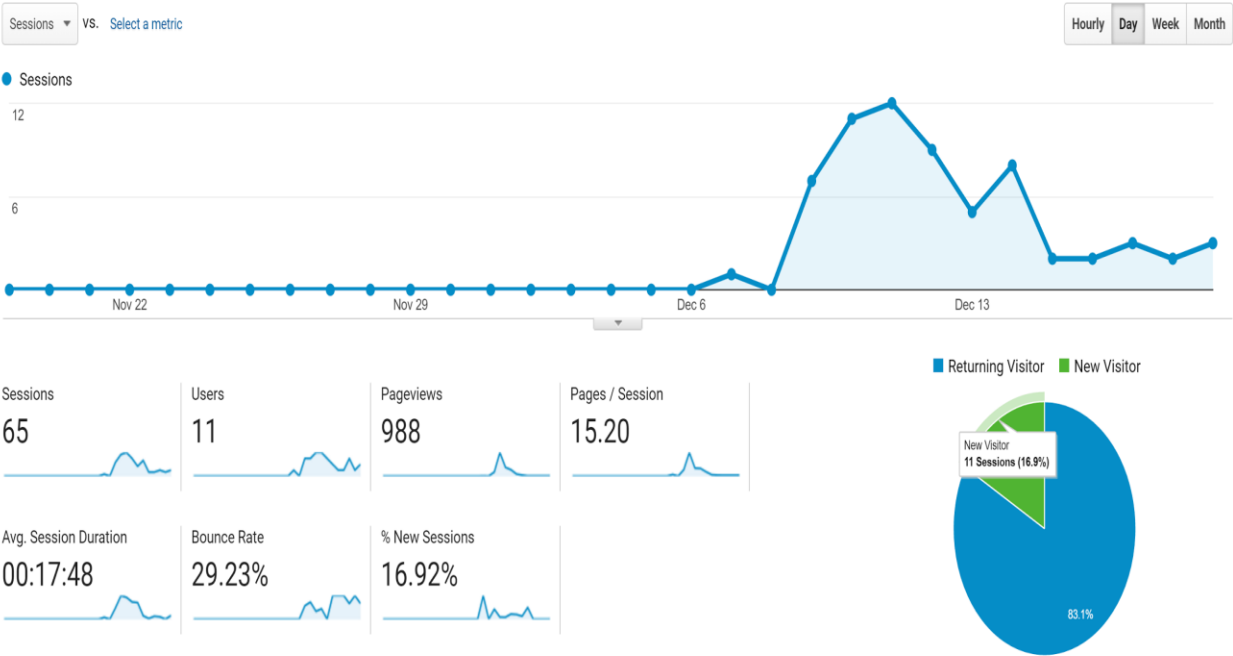
Team member contributions

Ilya Ivanenko   Today at 11:22 AM

To: Ulises Martinez,   Jimmy He,   sophia amin,   Patrick Aung,   Daniel Nguyen

Re: Team Contribution

Hey,

Here's my contribution as team tech lead:

- Communicated progress of technical aspects of website with team lead
- Managed technical aspects of team
  - Worked on webpage mockups , UML, and architecture
  - Divided and assigned project functionalities to work on
  - Updating code on deployment server with website changes
- Managed codebase
  - Handled merges between code
  - Fixed issues that would arise from merged code
  - Integrating frontend with backend
- Website features
  - Displaying of apartments
  - Communicating search and filters between view and model
  - Google maps implementation for apartments
  - Login and registration system on backend
  - Asynchronous code to keep website dynamic
  - Various tweaks and bugfixes to website

Gitlab commits: 21

See More from Ulises Martinez

From: Ilya Ivanenko (Tech Lead)

iivanenk

26 commits   iivanenk@mail.sfsu.edu

Jimmy He   Today at 5:49 AM   JH

To: sophia amin,   Ilya Ivanenko,   Patrick Aung,   Ulises Martinez,   Daniel Nguyen

Re: Team Contribution

Hi,

My contributions to the project are:

- Wrote admin use case.
- Created the class diagram, deployment diagram, database schema diagram using draw.io.
  - Planned and design them as a team.
- Implemented the search functionality (php backend).
  - Consulted with Ilya/Patrick/Daniel on its approach, data handling, form handling.
- Implemented the search user-input validation (UI frontend)
- Implemented adding, editing, deleting Apartments functionality (php backend).
- Implemented add/edit Apartment form input validation (php backend) with simple UI responses.
- Patched the add/edit Apartment calendar form input types to appropriate format. (UI frontend).
- Patched the landlord Apartment thumbnail/listings with unique IDs for JS targeting.
  - Refactored the landlord Apartment thumbnail/listings in PHP HTML embedded format.
- Created, updated, and maintained these classes/files:
  - ApartmentDB.php
  - Apartment.php
  - landlord.php
  - mypost-apartment-listing.php
  - myplace-apartment_listing.js
  - myplace-search.js

See More from Kar Amin

From: Jimmy He (Back End Developer)

Jimmy

80 commits   jimmyh3@mail.sfsu.edu

Daniel Nguyen   Today at 3:40 AM   DN

To: sophia amin,   Ilya Ivanenko,   Patrick Aung,   Ulises Martinez,   Jimmy He

Re: Team Contribution

Here are my contributions to the team project:

- Developed guest use case
- Helped create/define data definitions
- Helped design high level UML diagram
- Helped design high level API
- Worked on displaying apartments
- Worked on implementing filters
- Worked on implementing message system
- Worked on implementing validation

See More from Kar Amin

From: Daniel Nguyen (Back End Developer)

dnguye26

36 commits   dnguye26@mail.sfsu.edu

From: Ulises Martinez (Front End Developer)

Ulises

29 commits   ulisesm@mail.sfsu.edu

Hey team,

The following are my contributions as team lead:

- Communicated with team and kept everyone on track
- Organized team roles and tasks
- Scheduled meetings
- Established teamwork
- Helped setup collaborative and development tools
- Single point of contact with instructors (i.e. sends and receives all e-mail and submissions between the group and instructor)
- Wrote meeting minutes and emailed them
- Updated team periodically with progress/status reports against plan thru emails
- Worked in coordination with team CTO
- Listened to team members' feedback
- Served as a focal point to communicate
- Communicated clear instructions to team members
- Monitored team members' participation to ensure fair share of work
- Developed a strategy the team will use to reach its goal
- Ensure discussions and decisions lead toward closure
- Created an environment oriented to trust, open communication, creative thinking, and cohesive team effort
- Intervene when necessary to aid the group in decision making
- Recognized and called out team member accomplishments and exceptional performance
- Helped with front end development and implementation
- Provide guidance to the team based on management direction

From: Sophia Amin (Team Lead)

samin25

5 commits   samin25@mail.sfsu.edu

Note: Inaccurate due being locked out of server account

Patrick Aung   Today at 2:12 PM   PA

To: sophia amin

Fwd: Team Contribution

---------- Forwarded message ----------
From: **Patrick Aung** <patbak15@gmail.com>
Date: Tue, Dec 20, 2016 at 12:08 PM
Subject: Re: Team Contribution
To: Ilya Ivanenko <iivanenk@mail.sfsu.edu>

Hello team,

These are my contributions to the team:

- Wrote student use case for M1
- Key Risks in M2
- Pair Programming on Vertical Prototype
- Implemented Database schema on Group SWE Server (following M3 guidelines)
- Populated all Apartment listings with values (images, descriptions, etc.)
- Added Google Analytics to Website
- Adjusted all DB values and tables when need.

Gitlab commits: 12

See More from Ilya Ivanenko

From: Patrick dsd (Back End Developer and Database)

patbak15

12 commits   patbak15@mail.sfsu.edu