

**Software Engineering CSC648/848 Spring 2019**

**~ Project Pegasus ~**

Team Number 104

Brenna Tirumalashetty - brennag@mail.sfsu.edu

Omar Alaniz

Zachary Prince

Quan Lu

Adan Guanlao

Fatma Khan

Wafi Mohamed

**Milestone 5**

*May 23rd, 2019*

## Introduction

This document contains the following requirements for Milestone 5:

- GitHub management policies and branch organization
- Code review policy
- Coding style and coding comment policies, with links to examples in GitHub
- Unit testing for 2 major functions
- Recent integration tests (also including those performed for Milestone 4)
- Performance

## GITHUB MANAGEMENT

Branch policy:

We used the policy of individual feature branches, dev branch, and master branch. Each individual feature was branched off of dev branch. To merge into dev, a pull request was required. One code reviewer was required in order to approve the pull request. No single person was assigned the task of code review and approving pull requests, and 3 team members consistently stepped up to fill this role. Dev was merged into master branch by the GitHub master when required to present a deliverable.

This information is also included in our GitHub readme file.

- Pull requests can be submitted to any branch except master. Master will be merged from dev during a separate process.
- Branch names should describe the feature the branch is for, rather than who started the branch. Examples of good branch names: *google-maps-feature*, *side navbar*, etc.
- All new code changes and features will be submitted to dev at least 5 days before milestone due date. Any pull requests for new features past then will be denied. This is to allow proper time for testing with dev on the remote server, as well as the update of master.

The general workflow with Github should be as follows, assuming the addition of a new feature:

- Make sure your branch is up-to-date with all of the latest changes of the repository:
  - `git pull`
- Create your new branch:
  - `git checkout -b <your-feature>`  
**NOTE:** It is suggested that a branch be set up to track your changes before you start working on your new feature.
- Implement the new feature...
- Add all of the new, updated and deleted files to the working tree:
  - `git add . -A`
- Commit your work upstream to the remote repository:

- `git commit -m "message"`
- `git push -u origin <your-feature>`

## **CODING STYLE AND COMMENTS**

Below we reiterate our coding style enforcement as written in M4 documentation.

For Python, we enforce PEP8 coding style. All team members are using Visual Studio Code or Pycharm with a PEP8 plugin. Warning messages are displayed in the IDE any time code does not conform to our agreed-upon style. These styles include:

- Using 4 spaces for indentation, not tabs
- PEP8 style for function names, variable names, and class names
- PEP8 style for whitespace in between functions

For JavaScript and HTML, we enforce the JavaScript style guide and the HTML5 style guide found on w3 schools ([https://www.w3schools.com/js/js\\_conventions.asp](https://www.w3schools.com/js/js_conventions.asp) , [https://www.w3schools.com/html/html5\\_syntax.asp](https://www.w3schools.com/html/html5_syntax.asp)). Coding style is enforced using the Prettier formatter in Visual Studio Code IDE, which automatically indents our code and makes it easier to read.

Code style was reviewed manually by the team member approving a pull request. Confusing code prompted a conversation between the reviewer and the submitter, and the pull request was only approved after clarification.

### **Links to 3 files to review coding style**

- [https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django\\_sites/pegasus/final/forms.py](https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django_sites/pegasus/final/forms.py)
- [https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django\\_sites/pegasus/final/models.py](https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django_sites/pegasus/final/models.py)
- [https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django\\_sites/pegasus/final/views.py](https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django_sites/pegasus/final/views.py)

### **Links to 3 files to review for commenting style**

- [https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django\\_sites/pegasus/final/views.py](https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django_sites/pegasus/final/views.py)
- [https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django\\_sites/pegasus/final/urls.py](https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django_sites/pegasus/final/urls.py)
- [https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django\\_sites/pegasus/final/utils.py](https://github.com/CSC-648-SFSU/csc648-sp19-team104/blob/master/django_sites/pegasus/final/utils.py)

## UNIT TESTING

Upon each pull request, CircleCI was used to automatically test whether or not the committed code would build. Pull requests were rejected if CircleCI did not pass. Additionally, pytest was used to run tests on searching/filtering listings and user registration. For searching and filtering listings, we want to verify two major points. One is accuracy; the filters we apply must result in correct output. The other is performance. Searching for all apartments in San Francisco should not take any longer than a few seconds to execute.

An example test case for search is given below:

```
34 # Verify listing page generates responses relatively quickly-
35 @pytest.mark.django_db-
36 def test_listing_response(rf):-
37     start = time()-
38     request = rf.post('/demo/listings', {'city': 'San Francisco'})-
39     response = views.listing(request)-
40     assert response.status_code == 200-
41     end = time()-
42     runtime = end - start-
43     logging.info("Listing response time: %s" % runtime)-
44     assert (runtime < 5)-
```

**NORMAL** test\_cases.py

This particular test case is for testing responsiveness for the listing page: it measures the runtime between the server receiving the request and generating the results. This process can be complex—it requires contacting the database for the listings, and then passing those addresses in to the Google Maps API to generate the latitude and longitude for those values to be able to populate the map properly. An example of this test in action is appended below:

```

(venv) 20:43:38 森 /opt/project_pegasus/django_sites/pegasus
$ pytest
===== test session starts =====
platform linux -- Python 3.6.7, pytest-4.4.1, py-1.8.0, pluggy-0.9.0 -- /opt/project_pegasus/django_sites/pegasus/venv/bin/python3.6
cachedir: .pytest_cache
Django settings: pegasus.settings (from ini file)
rootdir: /opt/project_pegasus/django_sites/pegasus, inifile: pytest.ini
plugins: django-3.4.8
collected 3 items

demo/test_cases.py::test_tautology PASSED [ 33%]
demo/test_cases.py::test_user_creation PASSED [ 66%]
demo/test_cases.py::test_listing_response
----- live log call -----
views.py          114 WARNING The 'photo' attribute has no file associated with it.
views.py          114 WARNING The 'photo' attribute has no file associated with it.
views.py          114 WARNING The 'photo' attribute has no file associated with it.
test_cases.py     43 INFO      Listing response time: 1.8275625705718994
PASSED [100%]

===== 3 passed in 3.60 seconds =====
(venv) 21:51:17 森 /opt/project_pegasus/django_sites/pegasus
$ █

```

These unit tests were performed after major features were merged into dev. CircleCI tests were performed automatically at every pull request, to ensure the code would build.

## **INTEGRATION TESTS**

Below are two sets of integration tests for Milestone 4 and Milestone 5.

### **Milestone 5**

Integration Test 1 - User Story S1 - Student - Firefox			
Test Case ID: S_01		Test Case Description: Create Student Account and log in	
Prerequisites:		None	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/22/2019	Click on "Sign up"	Redirect to sign up page	Pass
05/22/2019	Enter Information and click submit	See account verification page, email sent to account	Pass
05/22/2019	Check email and click on link	Confirmation of registration	Pass
05/22/2019	Return to homepage and sign in	Signs into account, go to search listings page	Pass

Integration Test 1 - User Story S1 - Student - Chrome			
Test Case ID: S_01		Test Case Description: Create Student Account and log in	
Prerequisites:		None	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/22/2019	Click on "Sign up"	Redirect to sign up page	Pass
05/22/2019	Enter Information and click submit	See account verification page, email sent to account	Pass

05/22/2019	Check email and click on link	Confirmation of registration	Pass
05/22/2019	Return to homepage and sign in	Signs into account, go to search listings page	Pass

Integration Test 2 - User Story S1 - Student - Firefox			
Test Case ID: S_02		Test Case Description: Search listings as a student	
Prerequisites:		Student has account and is logged in	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/22/2019	Enter city in search field	Redirect to listings page with appropriate map and pins	Pass
05/22/2019	Filter by number of bedrooms	Only correct results displayed	Pass
05/22/2019	Filter by price range	Only correct results displayed	Pass
05/22/2019	Filter by home type	Only correct results displayed	Pass
05/22/2019	Select a listing	Redirect to listing page	Pass
05/22/2019	View map	Map centers on residence address	Pass
05/22/2019	Find directions on map	Correctly calculates directions	Pass
05/22/2019	View listing details	All listing details present	Pass
05/22/2019	View photos slider	Correct photos display	Pass

Integration Test 2 - User Story S1 - Student - Chrome
---



Test Case ID: S_02		Test Case Description: Search listings as a student	
Prerequisites:		Student has account and is logged in	
Date tested	Scenario	Expected Results	Pass/Fail
05/22/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/22/2019	Enter city in search field	Redirect to listings page with appropriate map and pins	Pass
05/22/2019	Filter by number of bedrooms	Only correct results displayed	Pass
05/22/2019	Filter by price range	Only correct results displayed	Pass
05/22/2019	Filter by distance		Fail - Functionality removed
05/22/2019	Filter by home type	Only correct results displayed	Pass
05/22/2019	Select a listing	Redirect to listing page	Pass
05/22/2019	View map	Map centers on residence address	Pass
05/22/2019	Find directions on map	Correctly calculates directions	Pass
05/22/2019	View listing details	All listing details present	Pass
05/22/2019	View photos slider	Correct photos display	Pass

Integration Test 3 - User Story S1 - Student - Firefox			
Test Case ID: S_03		Test Case Description: Save listing / contact landlord / sign up for open house	
Prerequisites:		Assumes accessing an individual listing's page	
Date tested	Scenario	Expected Results	Pass / Fail

05/22/2019	Click on save listing	Adds listing to student profile page saved listings	Fail - Functionality removed
05/22/2019	<del>Click on Contact button</del> Click on poster name	Redirect to messaging page (or popup?)	Pass
05/22/2019	Message landlord	Write a message, and the message sends to landlord inbox	Pass
05/22/2019	Sign up for open house (click on desired open house time)	Message is sent to landlord with student profile, the event shows up in student's calendar	Fail - functionality removed

Integration Test 4 - User Story S1 - Student - Firefox			
Test Case ID: S_04		Test Case Description: Student interaction with own profile and settings	
Prerequisites:		Assumes successful sign-in and account creation	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Click on View Profile	Student profile displays	Pass
05/22/2019	<del>Click on saved listings</del>	All saved listings that are still valid are displayed (and are clickable to each listing's page)	Removed
05/22/2019	Click on forum button	Redirect to student neighbor network forum	Pass
05/22/2019	<del>View calendar</del>	Calendar is populated with all open house times the student has signed up for	Removed
05/22/2019	Edit profile	Should be able to edit profile and save	Pass
05/22/2019	View inbox	All private messages sent to the student	Pass

		should show up in the inbox	
--	--	-----------------------------	--

Integration Test 4 - User Story S1 - Student - Chrome			
Test Case ID: S_04		Test Case Description: Student interaction with own profile and settings	
Prerequisites:		Assumes successful sign-in and account creation	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Click on View Profile	Student profile displays	Pass
05/22/2019	Click on saved listings	All saved listings that are still valid are displayed (and are clickable to each listing's page)	Fail - Removed
05/22/2019	<del>Click on forum button</del> Click on community button	Redirect to student neighbor network forum	Pass
05/22/2019	View calendar	Calendar is populated with all open house times the student has signed up for	Fail - Removed
05/22/2019	Edit profile	Should be able to edit profile and save	Pass
05/22/2019	View inbox	All private messages sent to the student should show up in the inbox	Pass

Integration Test 7 - User Story L1 - Landlord - Firefox	
Test Case ID: L_02	Test Case Description: Post Listings / delete listings
Prerequisites:	Assumes successful login

Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access landlord profile	Redirect to landlord profile page	Pass
05/22/2019	Click on add listing	Page for adding a listing is displayed, and landlord can enter information and upload photos	Pass
	Pending approval for listing	After submitting new listing, landlord receives message that the listing is pending review.	Pass
05/22/2019	Getting approval for listing	After the listing is approved by admin, the landlord receives a message and the listing is displayed in the landlord profile	Fail - Removed
05/22/2019	<del>Creating open house dates and times - Landlord sets available showing times in "Calendar" tab</del>	Clickable timeslot buttons are displayed on the listing.	Removed
05/22/2019	On each listing, click on remove listing	Listing status changes to invalid	Fail - Landlord dashboard not functional

Integration Test 7 - User Story L1 - Landlord - Chrome			
Test Case ID: L_02		Test Case Description: Post Listings / delete listings	
Prerequisites:		Assumes successful login	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access landlord profile	Redirect to landlord profile page	Pass
05/22/2019	Click on add listing	Page for adding a listing	Pass

		is displayed, and landlord can enter information and upload photos	
05/22/2019	Pending approval for listing	After submitting new listing, landlord receives message that the listing is pending review.	Pass
05/22/2019	Getting approval for listing	After the listing is approved by admin, the landlord receives a message and the listing is displayed in the landlord profile	Fail - Removed
05/22/2019	Creating open house dates and times - Landlord sets available showing times in "Calendar" tab	Clickable timeslot buttons are displayed on the listing.	Fail - Removed
05/22/2019	On each listing, click on remove listing	Listing status changes to invalid	Fail - Removed

Integration Test 8 - User Story L1 - Landlord - Firefox/Chrome			
Test Case ID: L_03		Test Case Description: Interactions with students	
Prerequisites:		Assumes successful login	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access landlord inbox in profile	Messages from student users are displayed	Pass
05/22/2019	On calendar (or listing?), click on "Attendees" for open house.	List of students who have signed up, with links to their profiles is displayed	Fail - Removed
05/22/2019	Contact open house attendees through	Message will be sent to only those students who	Fail - Removed

	attendees mailing list	have signed up for the open house	
05/22/2019	Cancel open house - click cancel button	Registered attendees will be notified via the messaging feature that the open house is canceled	Fail - Removed

Integration Test 5 - User Story S1 - Student - Firefox			
Test Case ID: S_05		Test Case Description: Student interaction with student neighbor network	
Prerequisites:		Assumes successful sign-in and account creation	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Student clicks on forum button	Redirect to forum main page, organized by neighborhood	Pass
05/22/2019	Student selects neighborhood	Redirect to forum for that neighborhood	Pass
05/22/2019	View postings	Relevant subcategories and postings should be displayed for that neighborhood	Pass
05/22/2019	Post something	Student creates a posting, including text of posting, pictures, tags (for example events, security, services, for sale)	Pass
05/22/2019	Comment on postings	Written comments should show up in the posting thread	Pass
05/22/2019	Click on usernames to view other student profiles	Names of the posters are clickable to that user's profile	Pass

05/22/2019	Direct messages to other registered students	Click on send message and popup (or chat window?) opens up	Pass
------------	--	--	------

Integration Test 5 - User Story S1 - Student - Chrome			
Test Case ID: S_05		Test Case Description: Student interaction with student neighbor network	
Prerequisites:		Assumes successful sign-in and account creation	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Student clicks on forum button	Redirect to forum main page, organized by neighborhood	Pass
05/22/2019	Student selects neighborhood	Redirect to forum for that neighborhood	Pass
05/22/2019	View postings	Relevant subcategories and postings should be displayed for that neighborhood	Pass
05/22/2019	Post something	Student creates a posting, including text of posting, pictures, tags (for example events, security, services, for sale)	Pass
05/22/2019	Comment on postings	Written comments should show up in the posting thread	Pass
05/22/2019	Click on usernames to view other student profiles	Names of the posters are clickable to that user's profile	Fail
05/22/2019	Direct messages to other registered students	Click on send message and popup (or chat window?) opens up	Pass

Integration Test 6 - User Story L1 - Landlord - Firefox			
Test Case ID: L_01		Test Case Description: Create Landlord Account and log in	
Prerequisites:			
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/22/2019	Click on "Sign up"	Redirect to sign up page	Pass
05/22/2019	Enter Information and click submit	See account verification page, email sent to account	Pass
05/22/2019	Check email and click on link	Confirmation of registration	Pass
05/22/2019	Return to homepage and sign in	Signs into account, go to search listings page	Pass

Integration Test 6 - User Story L1 - Landlord - Chrome			
Test Case ID: L_01		Test Case Description: Create Landlord Account and log in	
Prerequisites:			
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/22/2019	Click on "Sign up"	Redirect to sign up page	Pass
05/22/2019	Enter Information and click submit	See account verification page, email sent to account	Pass
05/22/2019	Check email and click on link	Confirmation of registration	Pass
05/22/2019	Return to homepage and sign in	Signs into account, go to search listings page	Pass



Integration Test 9 - User Story A1 - Admin - Firefox			
Test Case ID: A_01		Test Case Description: Admin login and dashboard	
Prerequisites:		Assumes admin account already set up	
Date tested	Scenario	Expected Results	Pass / Fail
05/22/2019	Access home page and login as admin	Redirects to admin dashboard	Pass
05/22/2019	View listings that are pending approval	All listings pending approval should be displayed	Pass
05/22/2019	Accept / reject listing	Message should be sent to landlord. If approved, listing should be ready and searchable	Fail
05/22/2019	Click on flagged neighbor network content tab	View all postings that have been flagged by users	Fail - Removed
05/22/2019	Click on button to remove content	Post should be removed and deleted from the network	Pass
05/22/2019	Click on admin log tab	All recent admin activity is displayed (approved/rejected listings, removed content)	Pass

#### **Milestone 4**

Integration Test 1 - User Story S1 - Student - Firefox			
Test Case ID: S_01		Test Case Description: Create Student Account and log in	
Prerequisites:		None	
Date tested	Scenario	Expected Results	Pass / Fail
05/06/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/06/2019	Click on "Sign up"	Redirect to sign up page	Pass
05/06/2019	Enter Information and click submit	See account verification page, email sent to account	Pass
05/06/2019	Check email and click on link	Confirmation of registration	Pass
05/06/2019	Return to homepage and sign in	Signs into account, go to search listings page	Pass

Integration Test 1 - User Story S1 - Student - Chrome			
Test Case ID: S_01		Test Case Description: Create Student Account and log in	
Prerequisites:		None	
Date tested	Scenario	Expected Results	Pass / Fail
5/07/2019	Access Pegasus Home	Homepage with search field shown	Pass
5/07/2019	Click on "Sign up"	Redirect to sign up page	Pass
5/07/2019	Enter Information and click submit	See account verification page, email sent to account	Pass
5/07/2019	Check email and click on link	Confirmation of registration	Pass

5/07/2019	Return to homepage and sign in	Signs into account, go to search listings page	Pass
-----------	--------------------------------	--	------

Integration Test 2 - User Story S1 - Student - Firefox			
Test Case ID: S_02		Test Case Description: Search listings as a student	
Prerequisites:		Student has account and is logged in	
Date tested	Scenario	Expected Results	Pass / Fail
05/06/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/06/2019	Enter city in search field	Redirect to listings page with appropriate map and pins	Pass
05/06/2019	Filter by number of bedrooms	Only correct results displayed	Fail - filtering works, but all listings have the same number of bedrooms except for 1 (not properly connected to database)
05/06/2019	Filter by price range	Only correct results displayed	Fail - Searched price 3300, resulted in FieldError
05/06/2019	Filter by home type	Only correct results displayed	Pass
05/06/2019	Select a listing	Redirect to listing page	Pass
05/06/2019	View map	Map centers on residence address	Pass
05/06/2019	Find directions on map	Correctly calculates directions	Fail - Not implemented
05/06/2019	View listing details	All listing details present	Pass
05/06/2019	View photos slider	Correct photos display	Fail - not yet connected to database

Integration Test 2 - User Story S1 - Student - Chrome			
Test Case ID: S_02		Test Case Description: Search listings as a student	
Prerequisites:		Student has account and is logged in	
Date tested	Scenario	Expected Results	
5/07/2019	Access Pegasus Home	Homepage with search field shown	Pass
5/07/2019	Enter city in search field	Redirect to listings page with appropriate map and pins	Pass
5/07/2019	Filter by number of bedrooms	Only correct results displayed	Fail-Errors
5/07/2019	Filter by price range	Only correct results displayed	Pass
	Filter by distance		Not implemented
5/07/2019	Filter by home type	Only correct results displayed	Not implemented
5/07/2019	Select a listing	Redirect to listing page	Not implemented
5/07/2019	View map	Map centers on residence address	Pass
5/07/2019	Find directions on map	Correctly calculates directions	Fail - Not implemented
5/07/2019	View listing details	All listing details present	Not implemented
5/07/2019	View photos slider	Correct photos display	Fail - not yet connected to database

Integration Test 5 - User Story S1 - Student - Firefox	
Test Case ID: S_05	Test Case Description: Student interaction with student neighbor network
Prerequisites:	Assumes successful sign-in and account creation

Date tested	Scenario	Expected Results	Pass / Fail
05/06/2019	Student clicks on forum button	Redirect to forum main page, organized by neighborhood	Pass
05/06/2019	Student selects neighborhood	Redirect to forum for that neighborhood	Pass
05/06/2019	View postings	Relevant subcategories and postings should be displayed for that neighborhood	Pass
05/06/2019	Post something	Student creates a posting, including text of posting, pictures, tags (for example events, security, services, for sale)	Pass - didn't test pictures
05/06/2019	Comment on postings	Written comments should show up in the posting thread	Pass
05/06/2019	Click on usernames to view other student profiles	Names of the posters are clickable to that user's profile	Pass
05/06/2019	Direct messages to other registered students	Click on send message and popup (or chat window?) opens up	Fail - direct messages only possible if receiver user name known

Integration Test 5 - User Story S1 - Student - Chrome			
Test Case ID: S_05		Test Case Description: Student interaction with student neighbor network	
Prerequisites:		Assumes successful sign-in and account creation	
Date tested	Scenario	Expected Results	Pass / Fail
5/07/2019	Student clicks on forum button	Redirect to forum main page, organized by	Fail-Errors

		neighborhood	
5/07/2019	Student selects neighborhood	Redirect to forum for that neighborhood	Not implements
5/07/2019	View postings	Relevant subcategories and postings should be displayed for that neighborhood	Pass
5/07/2019	Post something	Student creates a posting, including text of posting, pictures, tags (for example events, security, services, for sale)	Fail-Errors
5/07/2019	Comment on postings	Written comments should show up in the posting thread	Not implements
5/07/2019	Click on usernames to view other student profiles	Names of the posters are clickable to that user's profile	Pass
5/07/2019	Direct messages to other registered students	Click on send message and popup (or chat window?) opens up	Fail - direct messages possible if receiver user name known

Integration Test 6 - User Story L1 - Landlord - Firefox			
Test Case ID: L_01		Test Case Description: Create Landlord Account and log in	
Prerequisites:			
Date tested	Scenario	Expected Results	Pass / Fail
05/07/2019	Access Pegasus Home	Homepage with search field shown	Pass
05/07/2019	Click on "Sign up"	Redirect to sign up page	Pass
05/07/2019	Enter Information and click submit	See account verification page, email sent to account	Pass

05/07/2019	Check email and click on link	Confirmation of registration	Pass - Note that if a username or email already exists, it doesn't inform you until you follow the URL
05/07/2019	Return to homepage and sign in	Signs into account, go to search listings page	Pass

Integration Test 6 - User Story L1 - Landlord - Chrome			
Test Case ID: L_01		Test Case Description: Create Landlord Account and log in	
Prerequisites:			
Date tested	Scenario	Expected Results	Pass / Fail
5/07/2019	Access Pegasus Home	Homepage with search field shown	Pass
5/07/2019	Click on "Sign up"	Redirect to sign up page	Pass
5/07/2019	Enter Information and click submit	See account verification page, email sent to account	Fail-cannot submit form
5/07/2019	Check email and click on link	Confirmation of registration	Fail-above error
05/07/2019	Return to homepage and sign in	Signs into account, go to search listings page	Fail-above error

Integration Test 9 - User Story A1 - Admin - Firefox (Not done)			
Test Case ID: A_01		Test Case Description: Admin login and dashboard	
Prerequisites:		Assumes admin account already set up	
Date tested	Scenario	Expected Results	Pass / Fail
	Access home page and login as admin	Redirects to admin dashboard	

	View listings that are pending approval	All listings pending approval should be displayed	
	Accept / reject listing	Message should be sent to landlord. If approved, listing should be ready and searchable	
	Click on flagged neighbor network content tab	View all postings that have been flagged by users	
	Click on button to remove content	Post should be removed and deleted from the network	
	Click on admin log tab	All recent admin activity is displayed (approved/rejected listings, removed content)	

Integration Test 3 - User Story S1 - Student - Firefox			
Test Case ID: S_03		Test Case Description: Save listing / contact landlord / sign up for open house	
Prerequisites:		Assumes accessing an individual listing's page	
Date tested	Scenario	Expected Results	Pass / Fail
05/06/2019	Click on save listing	Adds listing to student profile page saved listings	Fail - not implemented
05/06/2019	Click on Contact button	Redirect to messaging page (or popup?)	Fail - not implemented
05/06/2019	Message landlord	Write a message, and the message sends to landlord inbox	Fail - not implemented
05/06/2019	Sign up for open house (click on desired open	Message is sent to landlord with student	Fail - not implemented



	house time)	profile, the event shows up in student's calendar	
--	-------------	---	--

Integration Test 4 - User Story S1 - Student - Firefox			
Test Case ID: S_04		Test Case Description: Student interaction with own profile and settings	
Prerequisites:		Assumes successful sign-in and account creation	
Date tested	Scenario	Expected Results	Pass / Fail
05/06/2019	Click on View Profile	Student profile displays	Pass
05/06/2019	Click on saved listings	All saved listings that are still valid are displayed (and are clickable to each listing's page)	Fail - Not implemented
05/06/2019	Click on forum button	Redirect to student neighbor network forum	Pass
05/06/2019	View calendar	Calendar is populated with all open house times the student has signed up for	Fail - not implemented
05/06/2019	Edit profile	Should be able to edit profile and save	Fail - tried to edit the bio, and it gives the field already exists error
05/06/2019	View inbox	All private messages sent to the student should show up in the inbox	Pass

Integration Test 4 - User Story S1 - Student - Chrome	
Test Case ID: S_04	Test Case Description: Student interaction with own profile and settings
Prerequisites:	Assumes successful sign-in and account creation

Date tested	Scenario	Expected Results	Pass / Fail
5/07/2019	Click on View Profile	Student profile displays	Pass
5/07/2019	Click on saved listings	All saved listings that are still valid are displayed (and are clickable to each listing's page)	Fail - Not implemented
5/07/2019	Click on forum button	Redirect to student neighbor network forum	Fail-Not implemented
5/07/2019	View calendar	Calendar is populated with all open house times the student has signed up for	Fail - not implemented
5/07/2019	Edit profile	Should be able to edit profile and save	Pass
5/07/2019	View inbox	All private messages sent to the student should show up in the inbox	Pass

Integration Test 7 - User Story L1 - Landlord - Firefox			
Test Case ID: L_02		Test Case Description: Post Listings / delete listings	
Prerequisites:		Assumes successful login	
Date tested	Scenario	Expected Results	Pass / Fail
05/07/2019	Access landlord profile	Redirect to landlord profile page	Fail - Redirected to student page
05/07/2019	Click on add listing	Page for adding a listing is displayed, and landlord can enter information and upload photos	Fail - Because of above
05/07/2019	Pending approval for	After submitting new	Fail - Because of above

	listing	listing, landlord receives message that the listing is pending review.	
05/07/2019	Getting approval for listing	After the listing is approved by admin, the landlord receives a message and the listing is displayed in the landlord profile	Fail - Because of above
05/07/2019	Creating open house dates and times - Landlord sets available showing times in "Calendar" tab	Clickable timeslot buttons are displayed on the listing.	Fail - Not implemented
05/07/2019	On each listing, click on remove listing	Listing status changes to invalid	Fail - Because of above

Integration Test 7 - User Story L1 - Landlord - Chrome			
Test Case ID: L_02		Test Case Description: Post Listings / delete listings	
Prerequisites:		Assumes successful login	
Date tested	Scenario	Expected Results	Pass / Fail
05/07/2019	Access landlord profile	Redirect to landlord profile page	Pass
05/07/2019	Click on add listing	Page for adding a listing is displayed, and landlord can enter information and upload photos	Not implemented
05/07/2019	Pending approval for listing	After submitting new listing, landlord receives message that the listing is pending review.	Not implemented
05/07/2019	Getting approval for listing	After the listing is approved by admin, the landlord receives a	Not implemented

		message and the listing is displayed in the landlord profile	
05/07/2019	Creating open house dates and times - Landlord sets available showing times in "Calendar" tab	Clickable timeslot buttons are displayed on the listing.	Not implemented
05/07/2019	On each listing, click on remove listing	Listing status changes to invalid	Not implemented

Integration Test 8 - User Story L1 - Landlord - Firefox/Chrome (Not done)			
Test Case ID: L_03		Test Case Description: Interactions with students	
Prerequisites:		Assumes successful login	
Date tested	Scenario	Expected Results	Pass / Fail
	Access landlord inbox in profile	Messages from student users are displayed	
	On calendar (or listing?), click on "Attendees" for open house.	List of students who have signed up, with links to their profiles is displayed	
	Contact open house attendees through attendees mailing list	Message will be sent to only those students who have signed up for the open house	
	Cancel open house - click cancel button	Registered attendees will be notified via the messaging feature that the open house is canceled	