Rowdy Blog App

Team: Rowdy Blog

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Version: 1.5Date: 8/11/2019

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1. Change log

Date	Version	Notes
6/7/2019	1.0	▪ Added project summary, glossary, user roles, functional requirements, data objects, navigation model, architecture model, and milestones content.
6/23/2019	1.2	▪ Version decimal value set to sprint number. ▪ Added change log and screenshots content. ▪ Updated project summary's feature list. ▪ Added glossary terms. ▪ Updated and added additional functional requirements. ▪ Restructured navigation model o Set Blog to root o Added Search o Blog links to Admin, Post, Search, Site Map o Post links to Share, Similar Posts, Latest Posts, & Popular Posts o Admin Site links to Admin View & Author View o Admin View links to Users, Sites, Comments, Posts, & Tags o Author View links to Comments, Posts, & Tags ▪ Updated architecture model details ▪ Added milestones for sprints 1-5
7/14/2019	1.3	▪ Updated Project Summary ▪ Updated the following glossary terms o Admin o Author o Subscriber o Visitor ▪ Added the following terms to the glossary o Administration site o Group o Tag o Sitemap ▪ Updated the following User Roles o Admin ▪ Changed Add/Change/Delete sites to Add/Change/Delete sitemaps ▪ Changed Set permissions to Add/Change/Delete permissions o Author ▪ Added Notified by e-mail of new comments o Subscriber

		▪ Removed Login/Logout of blog ▪ Removed Add/Change/Delete comments ▪ Added Notified by e-mail of new blog posts o Visitor ▪ Added Subscribe/Unsubscribe to blog ▪ Added Comment on posts ▪ Updated the following functional requirements o Login o Create sitemap o Add sitemap o Change site to Change sitemap o Delete site to Delete sitemap ▪ Added the following functional requirements o Share post o Like/Dislike comment ▪ Added Signup table ▪ Updated Navigation Model ▪ Updated Screenshots ▪ Updated Test Plans ▪ Updated Task Completion ▪ Updated Milestone 3: Consolidated Blog UI Refinement & Search UI Refinement into UI Refinement
7/28/2019	1.4	▪ Updated Project Summary o Feature List ▪ Changed Personalized profile images to User profiles o Corrected grammatical errors ▪ Updated Glossary o Added Dashboard o Corrected grammatical errors ▪ Updated User Roles o Added to all (some inherited) ▪ Share posts ▪ Like/dislike comments on posts o Admin ▪ Add/Change/Delete user profiles o Author ▪ Change user profile ▪ Updated Functional Requirements o Added ▪ Add user profile ▪ Change user profile ▪ Delete user profile o Removed ▪ Create Sitemap (Add Sitemap provides this functionality)

		▪ Added to Data Objects o Profile table ▪ Updated Navigation Model ▪ Updated Screenshots ▪ Updated Task Completion o Sprint 4 task completion summary ▪ Updated Burn Down Chart o Sprint 4 burn down chart ▪ Updated Test Plans o Categorized tests ▪ Updated Milestones o Changed Email MSG format to Email format ▪ Updated version ▪ Updated date
8/11/2019	1.5	▪ Updated Project Summary o Separated summary into 2 paragraphs ▪ Removed blank page 8 ▪ Updated Glossary o Added registered user ▪ Updated User Roles o Update inheritances o Removed redundant use cases o Added registered user role o Added change profile o Added change password o Added reset password o Added view authors o Added follow authors o Added register ▪ Updated Functional Requirements o Added register o Added follow o Added unfollow o Added change password o Added reset password ▪ Updated Data Object o Added following field to User table o Created Contact table ▪ Updated Navigation Model ▪ Updated Screenshots o All screenshots updated o Added register screenshot o Added authors screenshot o Added author details screenshot ▪ Update UML o Added login and profile sequence UML diagram ▪ Updated Test Plans ▪ Updated Task Completion ▪ Updated Burn Down Chart ▪ Updated Milestones

		o Changed sprint 5 milestone ▪ Updated version ▪ Updated date

2. Project Summary

The Rowdy Blog application allows authors to publish their personal opinions, observations, and experiences with ease. Moreover, it has built-in sitemaps allowing readers to find their favorite authors easily so that authors can focus on publishing high-quality content. Authors interested in interacting with their audience can receive notifications any time someone comments on their posts. Rowdy Blog has an administration site that provides administrators with a powerful suite of tools for managing users, posts, comments, mailing lists, and more.

Visitors are able to quickly find the content they're looking for by using Rowdy Blog's powerful search engine or the side navigation bar that conveniently lists the latest and most popular posts. Visitors can also comment on or share any post they find interesting with a simple click of a link. Visitors who don't want to miss anything can subscribe to their favorite authors and get notified of new posts.

Feature List

- Subscription system
- Notification system
- Search for posts by title, body, and similarity.
- User Profiles
- Comment system

Target Platform

Python Django Web Application hosted on Digital Ocean

Competing Products

- WordPress
- Wix

3. Glossary

Admin or Administrator
A super user with access to the administration site for managing the blog application.

Author
A user with permission to publish posts.

Subscriber
A visitor whose e-mail is on the mailing list to receive notifications of new posts.

Registered User
A user with a personal profile including first/last name, e-mail address, date of birth, and profile image that can log in/out of the application.

Visitor
Readers of the blog.

Blog
A regularly updated web site containing the personal opinions, observations, experiences, and digital media of one or more authors.

Post
An article capable of being saved as a draft for editing or published for public viewing.

Database
A file or set of files used to store organized data.

Apache
The Apache Server is a free and open-source cross-platform web server.

Search
The act of looking through a database for specific information.

Administration Site
A separate area of the blogging application that is only accessible by administrators.

Dashboard
A separate area of the blogging application that is only accessible by authors, registered users, and administrators.

Group
A set of users with common access and permissions.

Tag
A short descriptive label used to identify posts.

Sitemap
A hierarchical structure of the web site used to help web crawlers index a website's contents.

4. User Roles

Admin (inherits from author)

- Login/Logout of administration dashboard (admin view)
- Add/Change/Delete groups
- Add/Change/Delete users
- Add/Change/Delete sitemaps
- Add/Change/Delete permissions
- Add/Delete profiles

Author (inherits from registered user and subscriber)

- Login/Logout of administration dashboard (author view)
- Add/Change/Delete posts
- Add/Change/Delete tags
- Notified by e-mail of new comments

Registered User (inherits from visitor and subscriber)

- Login/Logout of dashboard
- Change profile
- Change password
- Reset password
- View authors
- Follow authors

Subscriber (inherits from visitor)

- Notified by e-mail of new blog posts

Visitor

- View posts
- Share posts
- Register
- Subscribe/Unsubscribe to blog
- Comment on posts
- Like/dislike comments on posts
- Search

5. Functional Requirements

Login
Authenticates a user given a username and password and creates a session. If successful, the user is granted access to the administration site, dashboard, or comment system, otherwise; the user must try again.

Logout
Leave the current session.

Register
Create a user account including a profile.

Follow
Add an author to the contact list.

Unfollow
Remove an author from the contact list.

Subscribe
Add a user to a mailing list.

Unsubscribe
Remove a user from a mailing list.

Notify Subscribers
Email subscribers of new posts.

Notify Authors
Email authors of new post comments.

Add group
Create a new group of users with similar permissions.

Change group
Modify an existing groups' permissions.

Delete group
Remove a group.

Add user
Create a user account with a username and password.

Change user
Edit a user account.

Delete user
Remove a user account.

Add comment
Add remark or opinion to a blog post.

Change comment
Change a remark or opinion to a blog post.

Delete comment
Remove a remark or opinion to a blog post.

Add tag
Add a label to a blog post in order to classify its subject matter.

Change tag
Change a label to a blog post.

Delete tag
Remove a label to a blog post.

Add sitemap
Associate sitemaps to specific websites running the blog application.

Change sitemap
Modify which objects are associated to specific websites running the blog application.

Delete sitemap
Remove objects associated to specific websites.

Add permission
Allow user to perform a specific action.

Change permission
Modify a user's ability to perform a specific action.

Remove permission
Remove a user's ability to perform a specific action.

View posts
See posts within a browser.

Search
Look up posts by title and body contents.

Add post
Create an article.

Change post
Modify an article.

Delete post
Remove an article.

Share post
Send a link to a post by e-mail.

Add user profile
Create a summary of an existing user account containing username, date of birth, and photo details.

Change user profile
Edit an existing user account summary containing username, date of birth, and photo details.

Delete user profile
Remove an existing user account summary containing username, date of birth, and photo details.

Like/Dislike comment
Up vote or down vote a comment. Comments with most likes rise to the top of list while disliked comments sink to the bottom.

Change password
Updated an existing user account's password using form.

Reset password
For users that have forgotten their password, a request to change the password can be sent via email.

6. Data Objects

Table: Post

Column	Description	Constraint
title	Post title	250 characters or less
slug	Unique publish date and slug	Slugfield 250 characters or less
author	Author of post (Foreign Key)	User
body	Body of post	TextField
publish	Datetime the post was published	DateTimeField
created	Datetime the post was created	DateTimeField
updated	Datetime the post was updated	DateTimeField
status	Status of post (i.e. draft or published)	CharField <= 10

Table: Comment

Column	Description	Constraint
post	Post model (Foreign Key)	Post
name	Name of user	80 characters or less
email	Email of user	EmailField
body	Body of comment	TextField
created	Datetime the comment was created	DateTimeField
updated	Datetime the comment was updated	DateTimeField
active	Status of comment (i.e. active or inactive)	BooleanField

Table: User

Column	Description	Constraint
username	Unique user id	150 characters or less
first_name	First name of user	30 characters or less, null
last_name	Last name of user	150 characters or less, null
email	Email address	May be null
password	A hash and salt of password	Required
groups	Users' groups (Foreign Key)	
user_permissions	User permissions (Foreign Key)	
is_staff	Admin site access designation	Boolean
is_active	Designation for active accounts. Set to false, instead of deleting	Boolean

	accounts so foreign key don't break	
last_login	Datetime of user's last login	DateTimeField
date_joined	Datetime of user account creation	DateTimeField
following	Contact id	ManyToManyField

Table: Signup

Column	Description	Constraint
email	Email address	EmailField
timestamp	Datetime of sign-up	DateTimeField

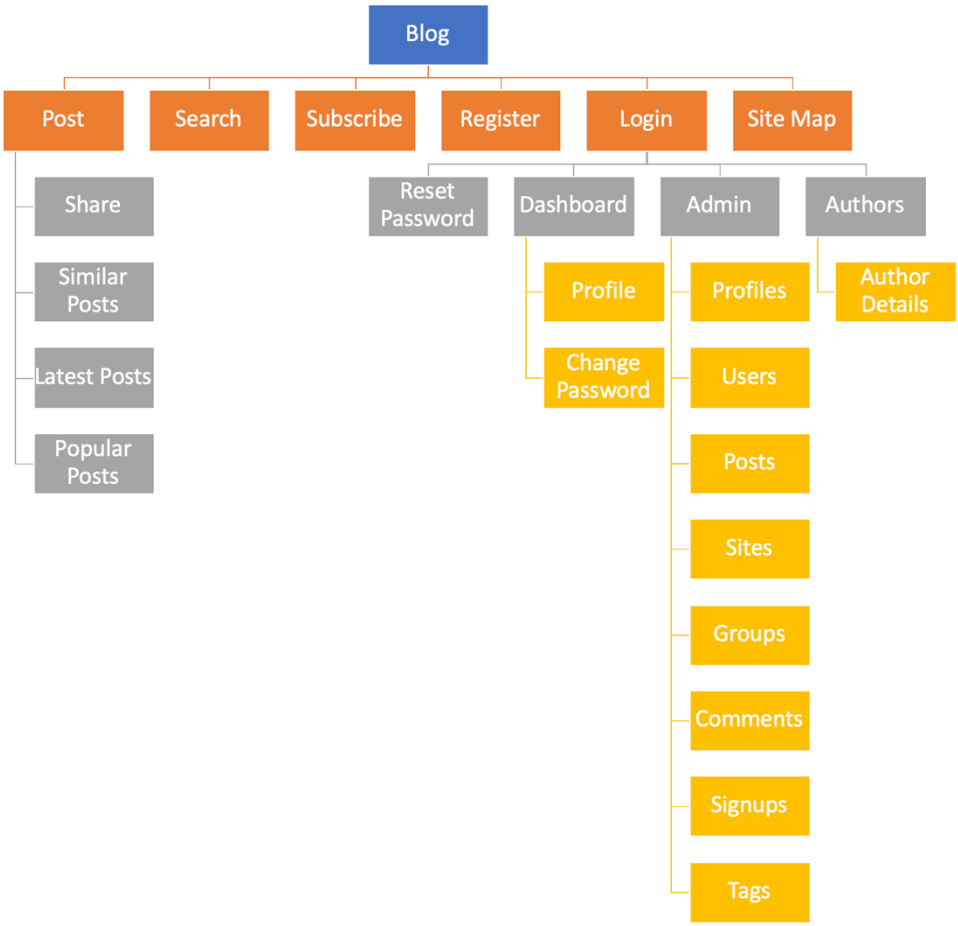
Table: Profile

Column	Description	Constraint
user	User model	OneToOneField
date_of_birth	Date of birth.	DateField, may be null
photo	Image file.	ImageField, may be null

Table: Contact

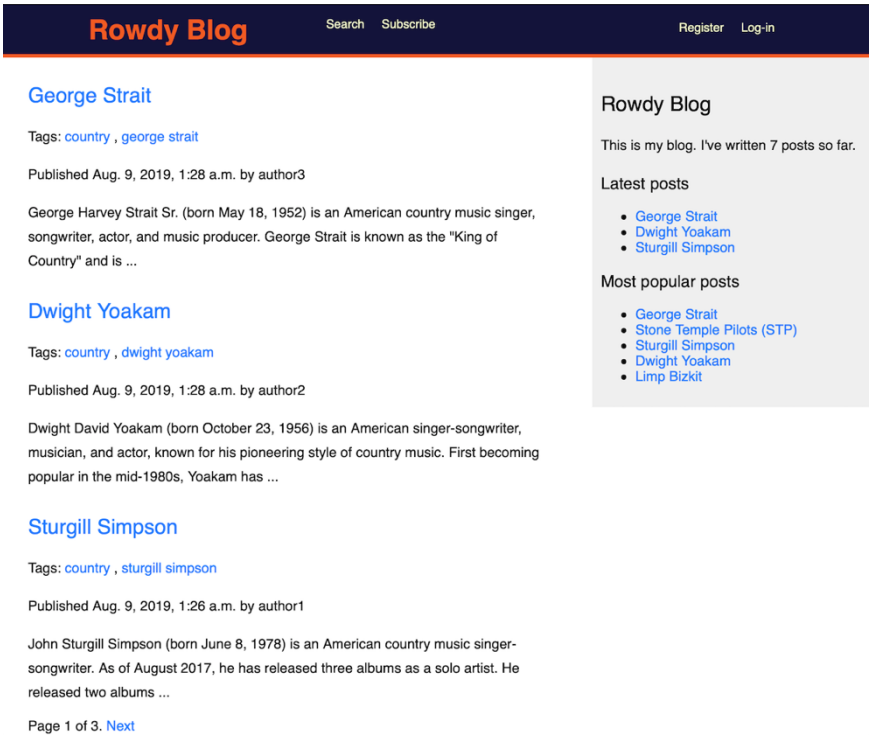
Column	Description	Constraint
id	Unique id	PrimaryKey, auto-incrementing
user_from	User model id	ForeignKey
user_to	User model id	ForeignKey
created	Date and time the relationship was created	DateTimeField

7. Navigation Model



8. Screenshots

Blog home



Post

Rowdy Blog Search Subscribe Register Log-in

Dwight Yoakam

Published July 22, 2019, 2:09 a.m. by user1

Dwight David Yoakam (born October 23, 1956) is an American singer-songwriter, musician, and actor, known for his pioneering style of country music. First becoming popular in the mid-1980s, Yoakam has recorded more than twenty albums and compilations, charted more than thirty singles on the Billboard Hot Country Songs charts, and sold more than 25 million records. He has recorded five Billboard #1 albums, twelve gold albums, and nine platinum albums, including the triple-platinum This Time.

In addition to his many achievements in the performing arts, he is also the most frequent musical guest in the history of The Tonight Show.

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ADD COMMENT

Rowdy Blog

This is my blog. I've written 8 posts so far.

Latest posts

- Lil Peep
- George Strait
- Dwight Yoakam

Most popular posts

- George Strait
- Lil Peep
- Korn
- Stone Temple Pilots (STP)
- Foo Fighters

Share post

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Share "George Strait" by e-mail

Name:

Email:

To:

Comments:

SEND E-MAIL

Rowdy Blog

This is my blog. I've written 8 posts so far.

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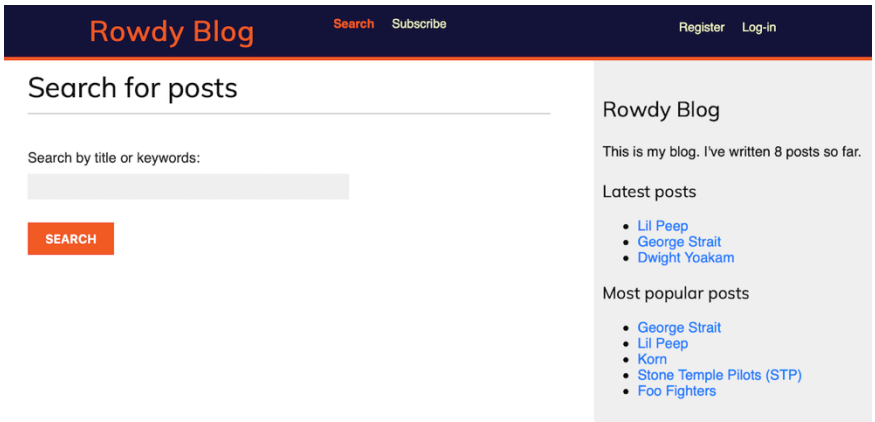
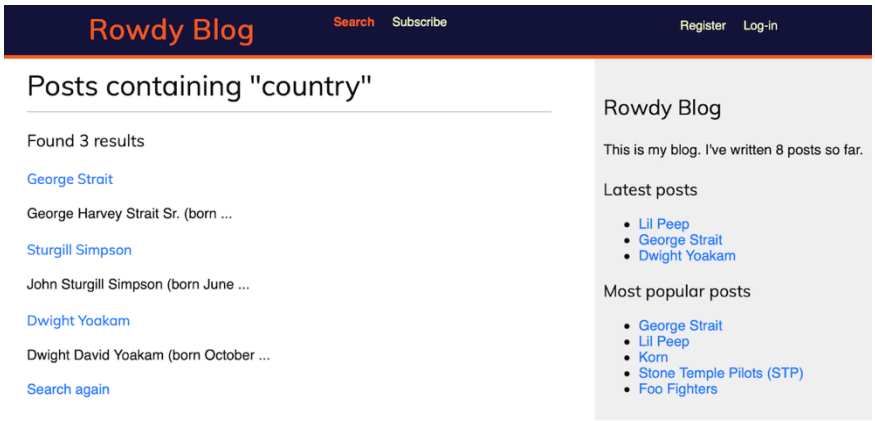
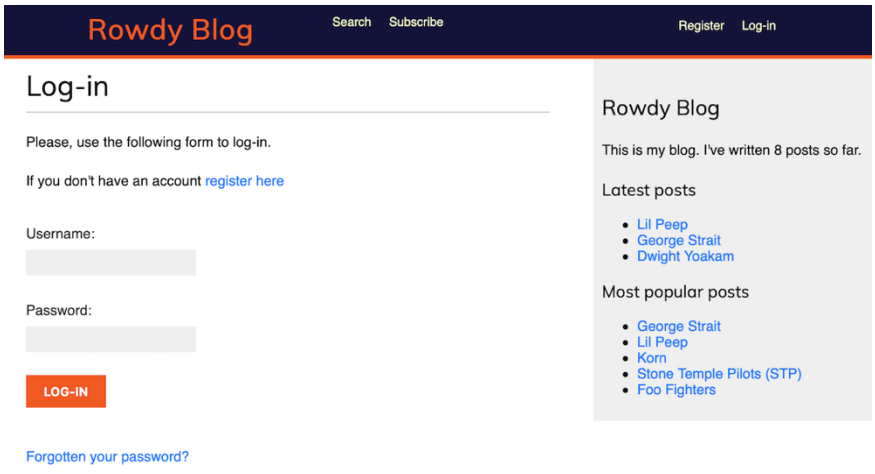
Search


Rowdy Blog
Search
Subscribe
Register
Log-in
Search for posts
Search by title or keywords:
SEARCH
Rowdy Blog
This is my blog. I've written 8 posts so far.
Latest posts
Lil Peep
George Strait
Dwight Yoakam
Most popular posts
George Strait
Lil Peep
Korn
Stone Temple Pilots (STP)
Foo Fighters

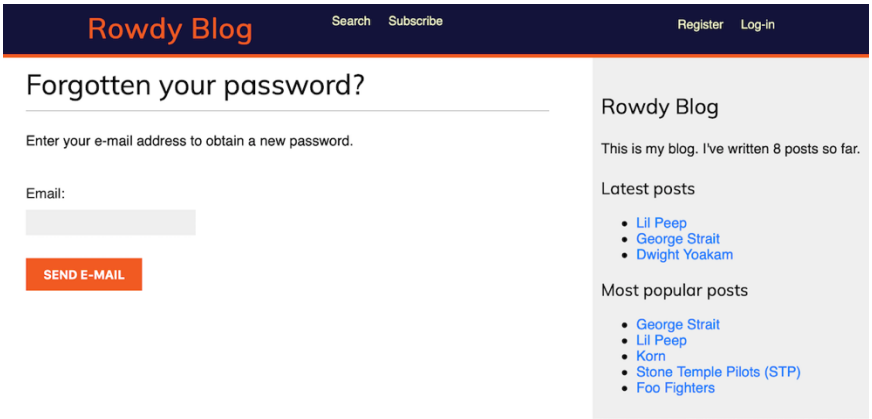
Search Results



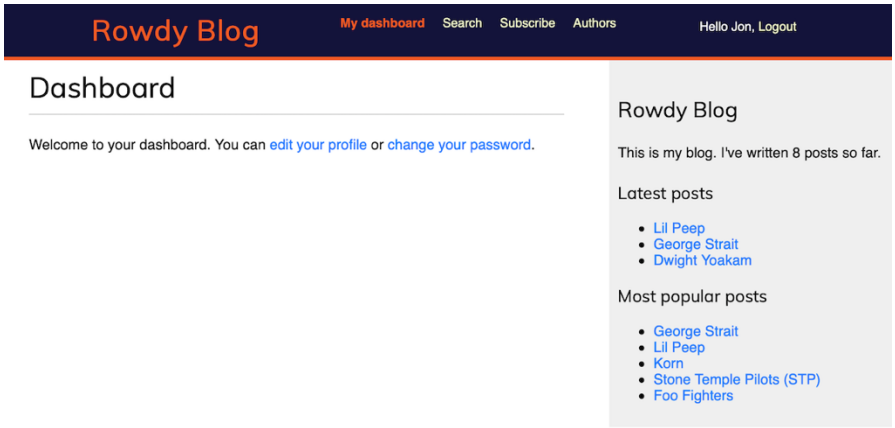
Log-in



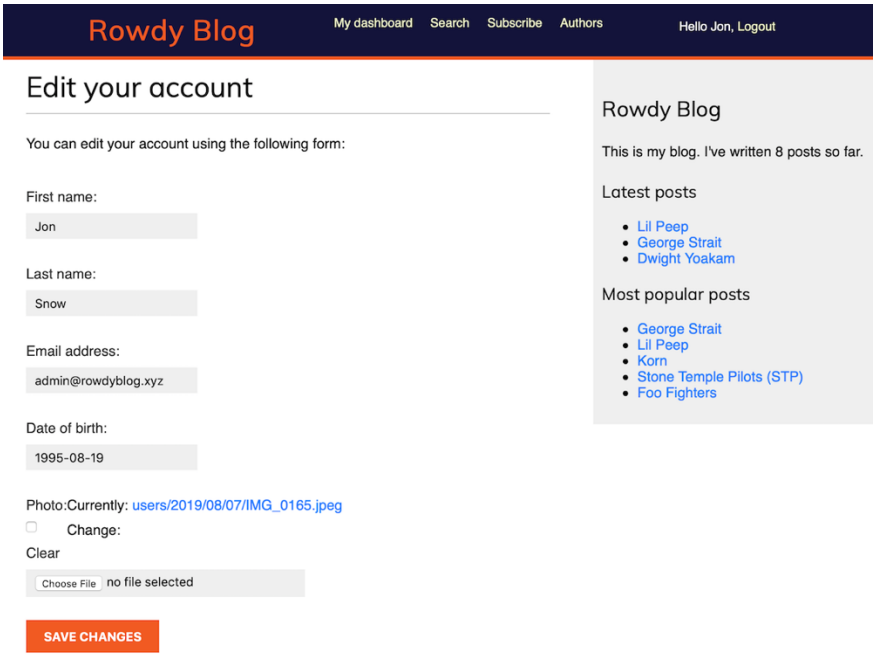
Reset Password



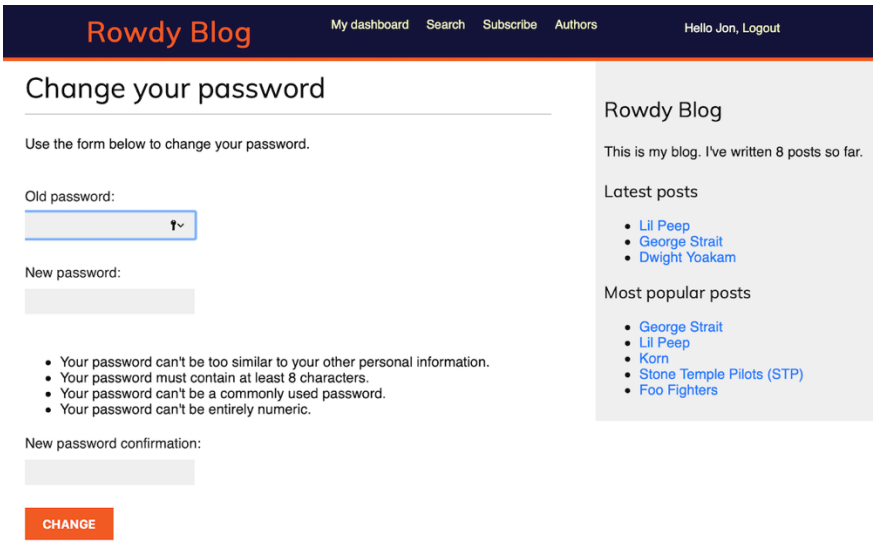
Dashboard



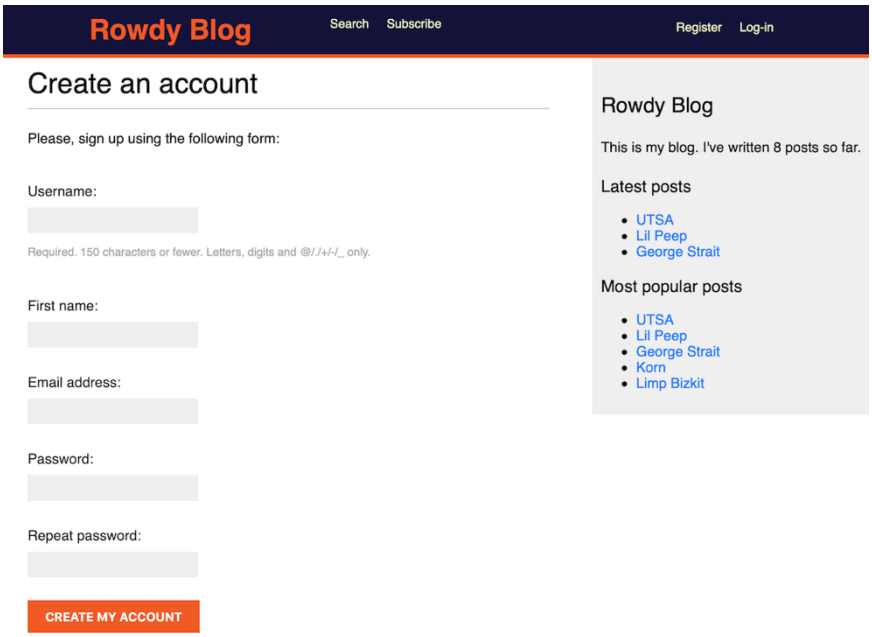
Profile



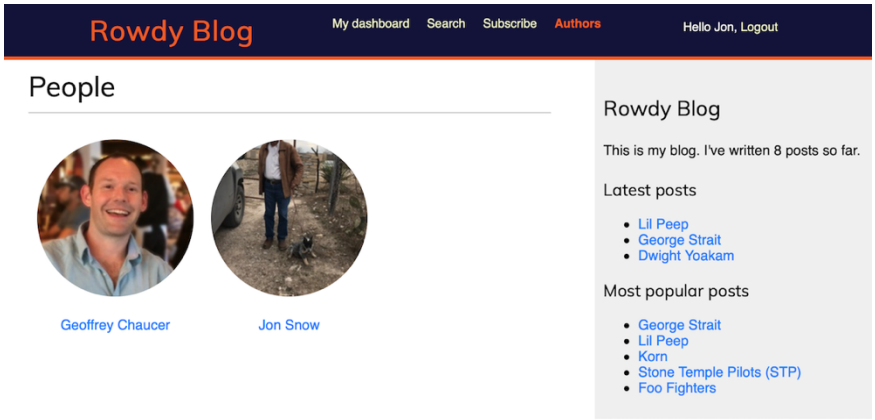
Change Password



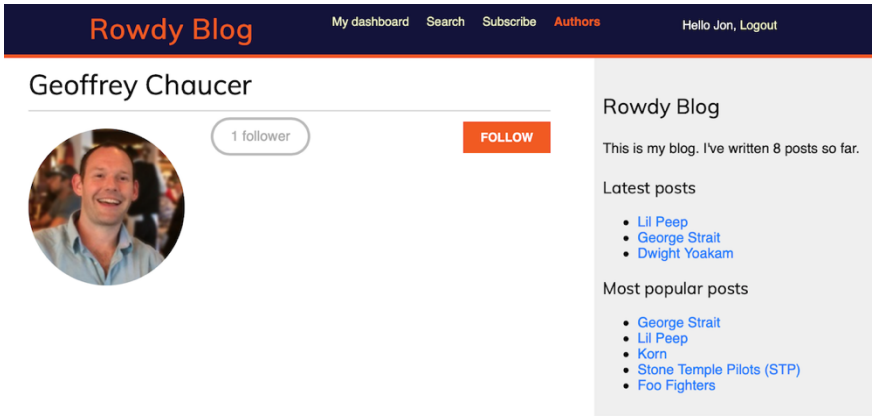
Register



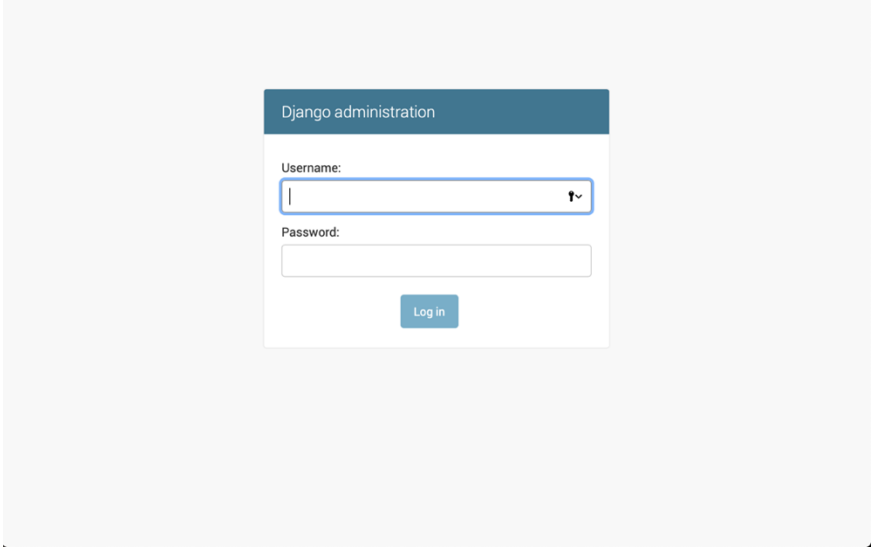
Authors



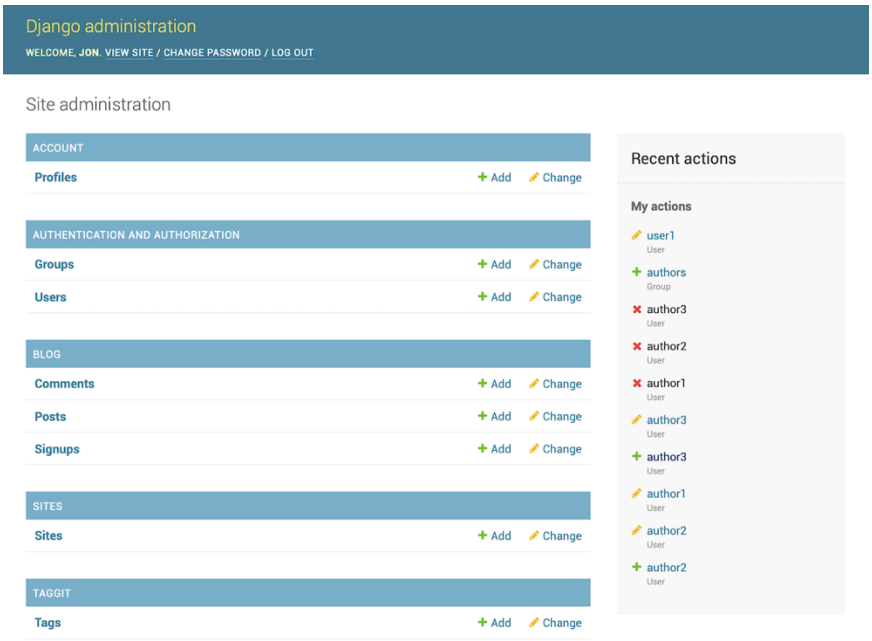
Author Details



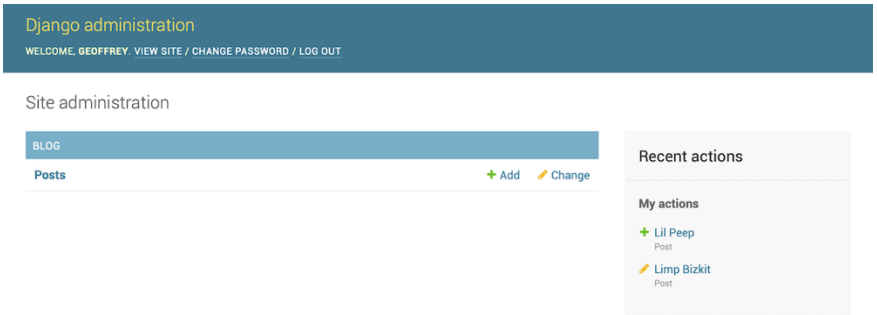
Administration login



Administration (admin view)

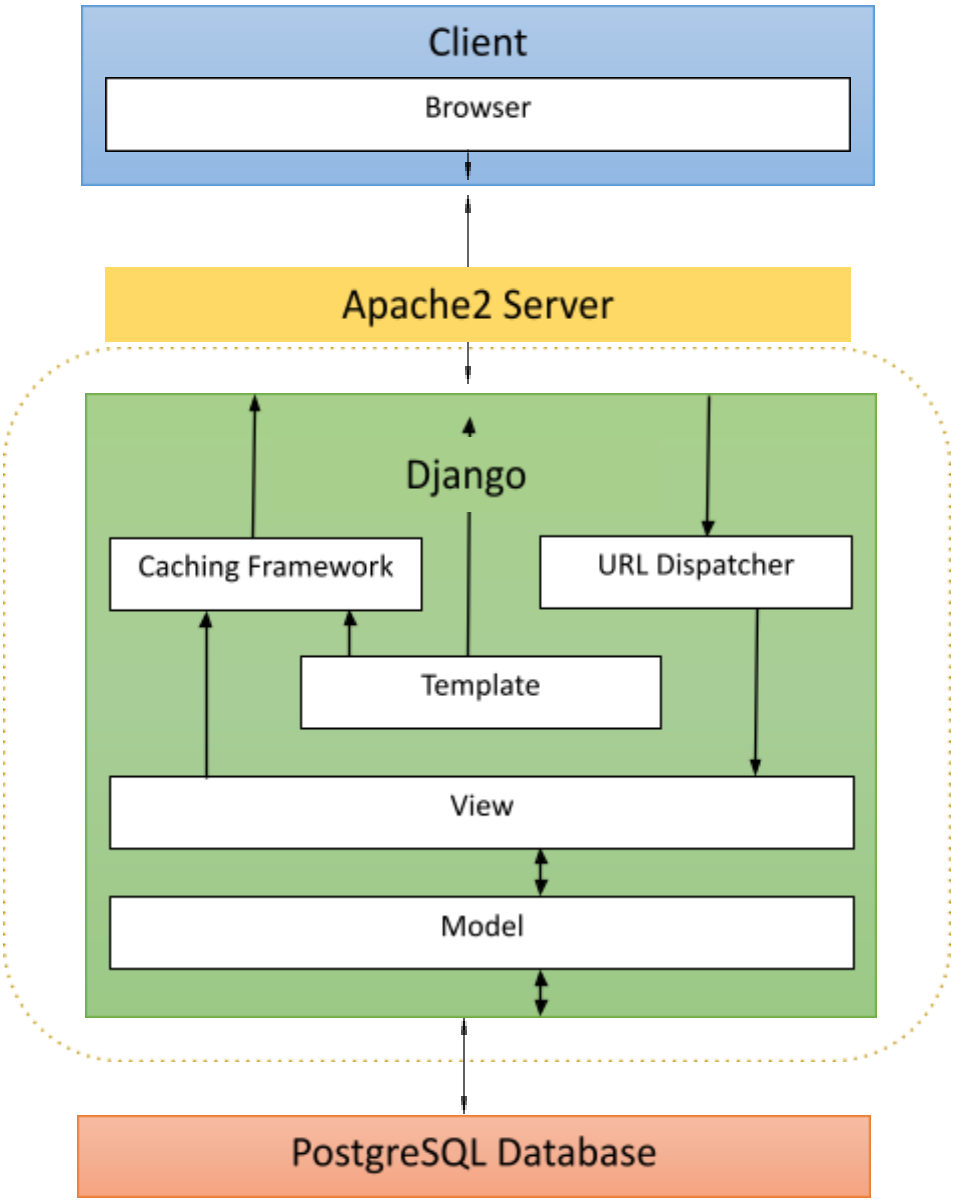


Administration (author view)



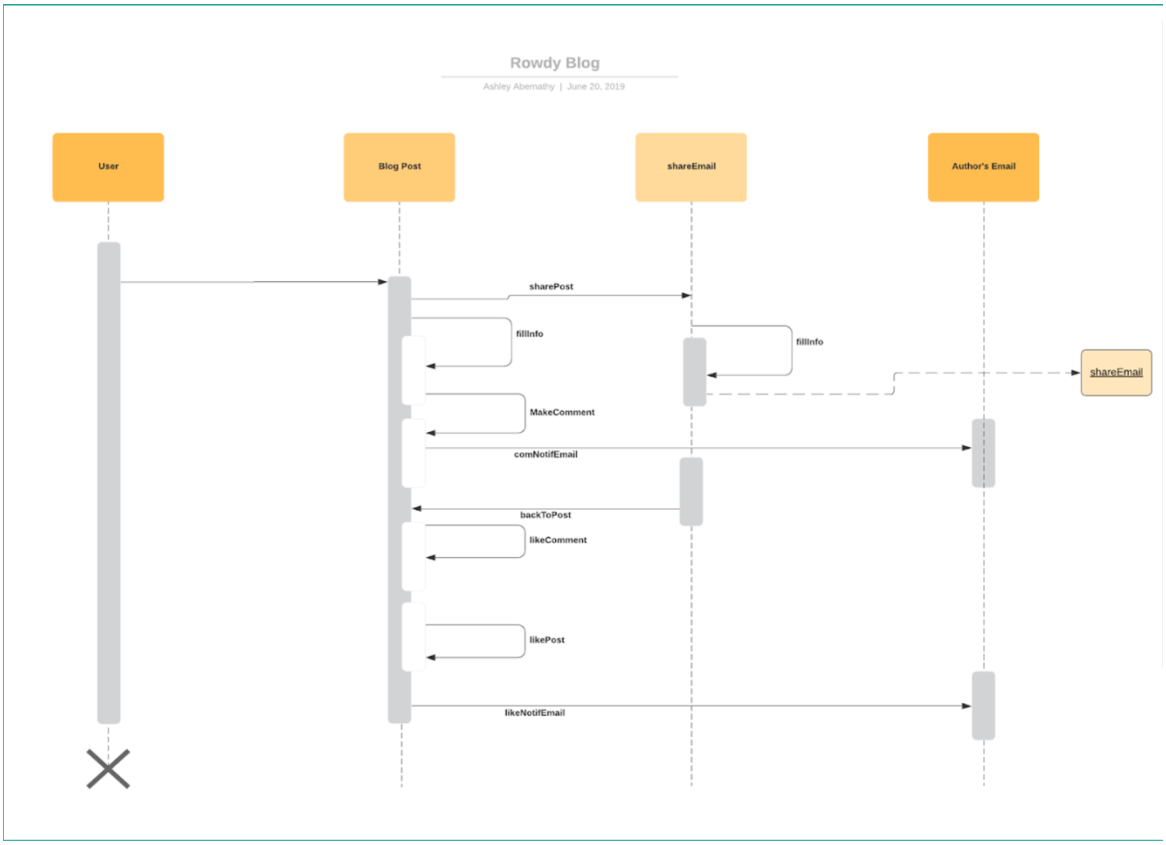
9. Architecture Model

3 Tier Architecture

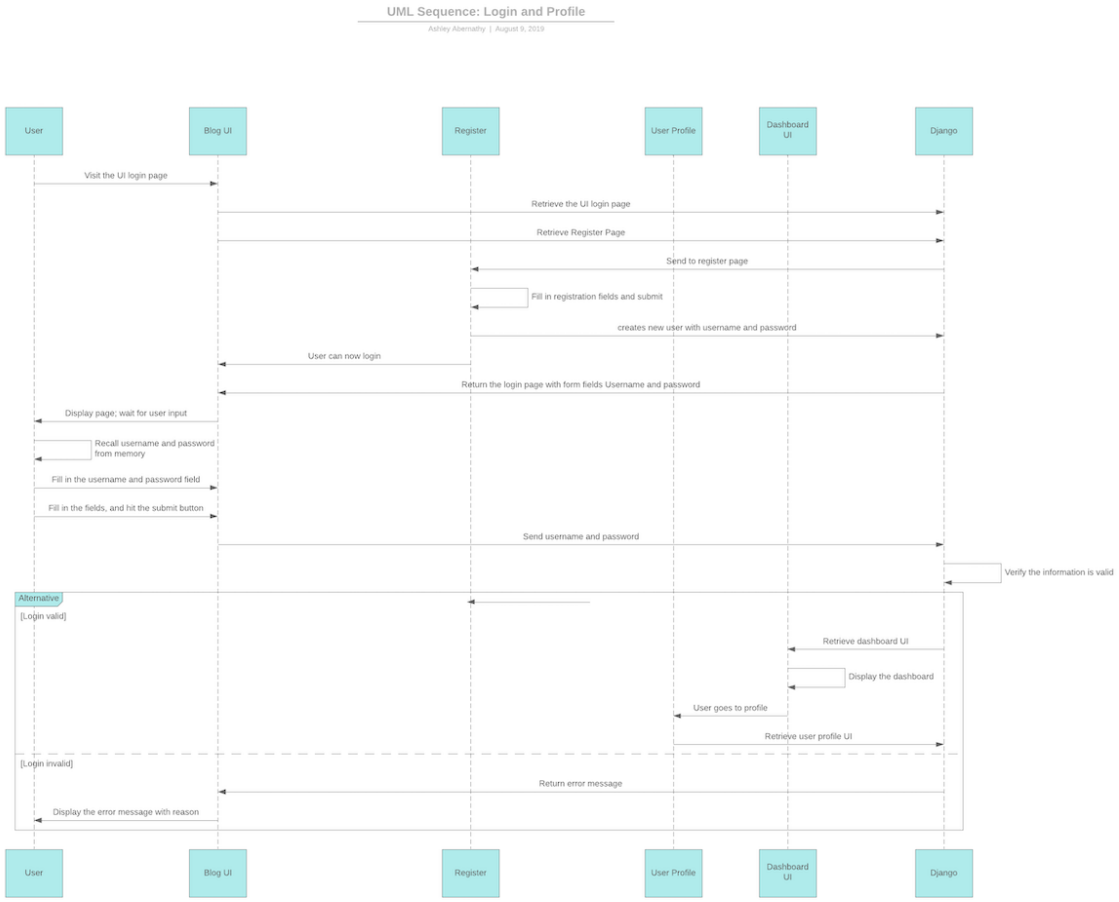


10. UML

Notification Sequence Diagram



Login & Profile Sequence Diagram



11. Test Plans

Basic

	Software Name		Rowdy Blog		**Total Pass:**	180	
	MODULE/COMPONENT NAME (e.g., USER MANAGEMENT)				**Total Fail:**	2	
	Name of Tester:		Ashley		**Total tests:**	178	
Test #	**Test ID**	**Description**	**Expected Result**	**Actual Result**	**Test Date**	**Pass/Fail**	**Notes**
1	SP201	Clicks "link to Django website"	Guides user to django	Success	18-Jun	P	User leaves blog page
2	SP202	Clicks a post name from home page	Brings user to the post page	Success	18-Jun	P	
3	SP203	Click a tag name under post name	Loads posts with the same tag	Success	18-Jun	P	
4	SP204	Clicks "Share this post" on post page.	Brings user to page to fill in info for sharing	Success	18-Jun	P	
5	SP205	Click "Share E-mail" after SP204	Shares the post through given email	Success	18-Jun	P	Risky because of email server
6	SP206	Displays Posts with similar name (After SP201)	Shows posts with similar names	Success	18-Jun	P	
9	SP209	post paging.	Shows number of pages	Success	18-Jun	P	
10	SP210	User clicks "Next" on page list.	Moves to next page	Success	18-Jun	P	
11	SP211	Displays time post was made and by whom	Places the info under post name	Success	19-Jun	P	
12	SP212	Displays post contents.	Shows the first couple of lines in post	Success	19-Jun	P	
14	SP214	Displays most commented posts on home page	Shows the top 5 on the right	Success	19-Jun	P	
37	SP337	User clicks "Rowdy Blog" logo	User is guided back to home page	Success	4-Jul	P	
38	SP438	Total post count displayed	Displays total number of posts made to the left of page	Success	4-Jul	P	
39	SP439	Latest Posts displayed	Most recent posts are displayed	Success	4-Jul	P	
40	SP440	Most popular posts displayed	Most popular posts are displayed	Success	4-Jul	P	
41	SP441	Rowdy Blog CSS displayed correctly	Displays a dashboard list at the top in school colors	Success	4-Jul	P	
43	SP443	Homepage post order alphabetically	Displays the most recent posts on the home page	Success	4-Jul	P	
44	SP444	Rowdy Blog features layout displayed correctly	Rowdy blog features displayed in a grey text box	Success	4-Jul	P	
45	SP445	Rowdyblog domain name obtained.	directed to rowdyblog home when entering Rowdyblog.xyz in search bar.	Success	4-Jul	P	
48	SP448	Apache Server set up.	Blog hosted by Apache HTTP Searver	Success	4-Jul	P	
49	SP449	Connect to PostgreSQL	Integrate postgresql for a database	Success	4-Jul	P	
54	SP454	Dashboard links displayed at the top	The blue dashboard contains the corresponding links to other pages	Success	7-Jul	P	
55	SP755	Back button to go back to previous page.	Clicking back successfully goes back to previous page	Success	7-Jul	P	
56	SP756	Compressed post display on home page.	When viewing post from home page or search page, only shows first line of content	Success	7-Jul	P	
57	SP757	HTTP deployment.	The webpage successfully deployed as http.	Success	7-Jul	P	
96	SP596	Template for the blog should extend to other pages	The same template should be displayed on other pages of the sight with correct format	Success	22-Jul	P	
104	SP704	Color the word orange when selecting option	The word should turn orange when the user clicks on of the options displayed at the top of the page.	Success	24-Jul	P	
106	SP706	Implement AWS	Successfully connect RowdyBlog to Amazon Web Service	Success	25-Jul	P	
118	SP718	Control the website through AWS	With successful integration, admin should see info on the web through AWS dashboard	Success	25-Jul	P	
122	SP722	Authors Tab accessible on dashboard from Home Page	When the user clicks the Authors tab, they should be guided to a list of Authors for RowdyBlog	Success	28-Jul	P	
123	SP723	Create a user account from home page	User should be able to successfully create a user account	Success	28-Jul	P	
124	SP724	Display new user's information in database	The Admin should be able to see the information of newly registered users in the database	Success	28-Jul	P	
125	SP725	Request the required fields for registration	The users should be prompted the proper requirements for registering. All fields a requirement	Success	28-Jul	P	
126	SP726	Password requirements for registering	There should be a password requirement that follows the websites protocol for passwords.	Fail	28-Jul	F	
127	SP727	Display error when requirements not met for pwd	When the user does not meet the requirements for password, an error message should be displayed	Success	28-Jul	P	
128	SP728	Repeat password requirement	The user should be required to retype password to verify they match. Otherwise, error prints out	Success	28-Jul	P	
129	SP729	Successful registration	When successful, the user should be guided to another page notifying them of their successful registration	Success	28-Jul	P	
130	SP730	Username already exists	When registering, if the username already exists then a message should display, prompting user to try again	Success	28-Jul	P	
138	SP738	AJAX view file updates the page asynchronously	The view file should update the page asynchronously for better interaction	Success	30-Jul	P	
141	SP741	HTTPS encrypted	The website should now have a status of HTTPS and be safely encrypted	Success	30-Jul	P	
142	SP742	Mobile Viewable	The web app should be safely viewable by mobile with everything interacting the same as the web app	Success	30-Jul	P	
143	SP743	Register tab added to dashboard	The user, if not logged in, should see a register tag next to log in so that they may register	Success	30-Jul	P	
144	SP744	Unregistered user permissions	Unregistered users should only have permission to view posts, search, subscribe, and comment	Success	30-Jul	P	
145	SP745	Registered User permissions	Registered users should have permission to view the Authors as well as the same permissions as unregistered	Success	30-Jul	P	
151	SP751	Username field requirement in registering	The username should be required field when registering and should display an error when filled.	Success	1-Aug	P	
152	SP752	Name should not be a required field when registering	The name should not be a required field when registering for the blog	Success	1-Aug	P	
153	SP753	Google should save password	The user should be allowed to save password for sight through browser	Success	1-Aug	P	
155	SP755	Google autofill in profile change	Google should be able to autofill information for user when changing profile	Success	1-Aug	P	
158	SP758	Error message for already registered email	The same email should not be allowed for mutliple registers	Fail	1-Aug	F	
159	SP759	Prompted to login after successful registration	The user should be asked to login after successful registration	Success	1-Aug	P	

Email

Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
46	SP446	Mailchimp set up to handle mail for admin.	Automatically sends emails to subscribed users without need of Admin.	Success	4-Jul	P	
47	SP447	Error for duplicate email	Duplicate emails are rejected	Success	4-Jul	P	
50	SP450	Mailchimp admin add new user manually.	Admin adds a user email to mailchimp	Success	4-Jul	P	
51	SP451	Email notification for subscription.	Sends an email notification when someone subscribes.	Success	4-Jul	P	
53	SP753	Mailchimp displays all of registered	Mailchimp displays the emails that have successfully subscribed.	Success	7-Jul	P	
60	SP800	Mailchimp sends mass mail for admin's use	Admin may send out promotion ad through all emails.	Success	7-Jul	P	
68	SP568	Formatting for password reset	The user should receive a correctly formatting email when requesting a password change	Success	22-Jul	P	
93	SP593	Courtesy email when subscribing	User should receive a courtesy email when they successfully subscribe to an author	Success	22-Jul	P	
94	SP594	Unsubscribing when it's a mistake	A user can unsubscribe when it wasn't them that registered for the website through email	Success	22-Jul	P	
98	SP598	Integration with Mailchimp	Emails subscribed through RowdyBlog should successfully show up on MailChimp	Success	22-Jul	P	
99	SP599	Admin can manually email individual emails	Admin should be able to send individual emails to users as needed	Success	22-Jul	P	
117	SP717	The emails should go to inbox and not spam	Emails sent through mailchimp should arrive to the inbox instead of spam	Success	25-Jul	P	
119	SP719	Password reset link only good for one use	When resetting the password via email, the link in the website should only be good for one use	Success	25-Jul	P	
120	SP720	Username in the email	In case the user also forget their username, the username should be displayed in the password reset email	Success	25-Jul	P	
169	SP769	Share post through email	User should be able to share a post and send it via email which provides a link to the post	Success	3-Aug	P	
170	SP770	Receiving shared post email	When receiving a post shared via email, a hyperlink should be accessible in the email that guides the user directly to the post without requiring a login	Success	3-Aug	P	

Subscribe

Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
34	SP234	User clicks "Subscribe" from top dashboard	User is requested to enter email to subscribe to blog	Success	29-Jun	P	
30	SP230	User subscribes to author through subscription page	User can subscribe to the author	Success	20-Jun	P	
35	SP235	User enters correct email to subscribe	Displays success message and email is on mailchimp	Success	29-Jun	P	
36	SP236	User enters incorrect email	displays an error when an incorrect email format is entered	Success	29-Jun	P	
52	SP752	User can unsubscribe via email.	User can unsubscribe via the email when originally subsribed.	Success	7-Jul	P	
116	SP716	Already subscribed	When the user has already subscribed, a message will appear	Success	25-Jul	P	

Login

Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
33	SP233	User clicks "Login"	User is asked for login information	Success	7-Jul	P	
58	SP758	User enters wrong password for login	Displays error when user enters wrong password	Success	7-Jul	P	
59	SP759	User enters wrong username for login	Displays error when user enters wrong username	Success	7-Jul	P	
66	SP566	User request password change	User should be able to reset password via email	Success	20-Jul	P	
70	SP570	User change password successfully	After clicking link from email, the user should be guided to the page to successfully reset password	Success	20-Jul	P	
71	SP571	After password change, password should successfully be changed	The password should be successfully changed to the new password after user reset.	Success	20-Jul	P	
72	SP572	User logins with new password	After the password reset, the user should be able to log in with the new password	Success	20-Jul	P	
80	SP580	Users name should be displayed	User should be able to see their name in the upper right corner with "Hello, *name*" followed be logout	Success	20-Jul	P	
81	SP581	User chooses to logout	By clicking logout in the upper right corner, the user should be able to logout	Success	20-Jul	P	
82	SP582	After logging in, the user should still see their login status	When navigating the site, the user should still see themselves as logged in when navigating the rest of the site	Success	21-Jul	P	
89	SP589	Password should have a character requirement	User must have a password that fits the criteria for passwords otherwise an error prints.	Success	21-Jul	P	
90	SP590	Checks for existing user when creating a new account	Should print an error if the account already exists	Success	21-Jul	P	
91	SP591	User should be able to create a new account	If new, user should be allowed to create a new account if not an existing user through the login page	Success	21-Jul	P	
92	SP592	Email should be a required field when registering	When registering, the user has to enter an email address, otherwise an error message will appear	Success	21-Jul	P	
101	SP701	Server verifies correct password and login	The server should verify that the password and username is correct. If it is, it directs to dashboard	Success	24-Jul	P	
102	SP702	Display successful login message	When the user logs in, the UI should display a message on the dashboard that the user successfully logged in	Success	24-Jul	P	
105	SP705	Login from any page	The login link should be available from any page of the site	Success	25-Jul	P	
111	SP711	Changing password uses old password to verify	When changing password by choice, the user should have to enter old password before entering new one	Success	25-Jul	P	
112	SP712	Display password criteria	When changing password, there should be a criteria list on what the password needs	Success	25-Jul	P	
113	SP713	Display error when password criteria is not met	When the password does not meet the criteria, an error should be displayed on which criteria wasn't met	Success	25-Jul	P	
114	SP714	Enter email for password reset	When requesting password reset, the user should be asked to enter their email connected to their account	Success	25-Jul	P	
143	SP743	View User's name in upper right corner after login	When logged in, User should see their name when logged in if they have their name on file.	Success	1-Aug	P	

Comments

Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
13	SP213	Displays total number of comments in post page	Shows total comments	Success	19-Jun	P	
7	SP207	Displaying new comment	Comment is posted upon submitting after filling form.	Success	18-Jun	P	
8	SP208	Post shows recent comments made	Displays all the comments made on the post	Success	18-Jun	P	
74	SP574	Error displayed when missing name	An error should be displayed when user doesn't fill in the namespace	Success	18-Jul	P	
75	SP575	Email should be optional	The user doesn't need to enter an email address in order to post	Success	18-Jul	P	
76	SP576	Maximum character limit	There should be a limit on number of characters a person can enter into their comment	Success	18-Jul	P	
87	SP587	Comment box should be a required field	User should enter at least one character into comment box in order to post	Success	18-Jul	P	
95	SP595	Comment information on the post	When a user comments, it should only display their name along with the comment they made	Success	22-Jul	P	
146	SP746	Email changed to requirement	When commenting, the user should now be required to enter email address	Success	30-Jul	P	
147	SP747	Comment time and date made	The comment should have the time and date it was made	Success	30-Jul	P	
148	SP748	Check for valid email	When trying to comment, the user must input a valid email or else an error appears	Success	30-Jul	P	
149	SP749	Comment counter	The comment number should be displayed above the comment	Success	31-Jul	P	
150	SP750	Who made the comment	The name of who made the comment should be displayed above the comment with the date	Success	31-Jul	P	
160	SP760	Display Comment Formatting	There should be a shade difference in background alternating between comments	Success	31-Jul	P	
161	SP761	Return to post after commenting	User should return back to post after commenting	Success	1-Aug	P	The user is shown the post with their comment, however they page is still a submission page. If the user refreshes, it will submit the comment again.

Search

Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
15	SP215	Search by name of post	Searches through the posts by title according to given input	Success	19-Jun	P	
32	SP232	User clicks "Search" on dashboard from another page	User directed to search page	Success	29-Jun	P	
42	SP442	new search after a successful search	After a search, user has option to search again by going back to search page	Success	4-Jul	P	
62	SP562	Search by genre/subject	The user should be able to search by a relative subject and receive results	Success	18-Jul	P	
63	SP563	Search paging	In case of multiple results that exceed the page limit, the posts should be paged	Success	18-Jul	P	
79	SP579	The search should be able to handle multiple results	The search should be able to handle a large amount of data without crashing or long run time	Success	21-Jul	P	
88	SP588	User should be able to search by contents	Search results should contain posts with the searched word or phrase in their contents.	Success	20-Jul	P	

Profile

Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
61	SP561	Author has their own profile	Author should be able to view their own profile page	Success	23-Jul	P	
64	SP564	Author clicks "view profile"	Author should be able to reach their profile via "view profile" link	Success	23-Jul	P	
65	SP565	Author's image is displayed	Author should have an image of their face displayed on their profile	Success	23-Jul	P	
69	SP569	Author should be able to upload profile image	Author should be able to upload their own profile image to their profile page	Success	23-Jul	P	
73	SP573	Author should be able to add a biography	Author should be able to write about themselves and display on their profile page	Success	23-Jul	P	
100	SP600	Edit page accessible through dashboard	User should be able to edit their profile page if they wish to after logging in	Success	23-Jul	P	
103	SP703	Updating the profile	User should be able to save changes when editting their profile via button on the bottom	Success	23-Jul	P	
107	SP707	See the changes that have been saved	The user should be able to go back to their profile and verify the saved changes	Success	25-Jul	P	
108	SP708	Display image link in profile	When verifying the image was uploading, the user should see the link name of the image	Success	25-Jul	P	
109	SP709	Remove a previous image	The user should be able to remove an image from their profile if they wish	Success	25-Jul	P	
110	SP710	Replace current image	When uploading a new image, it should replace the old image	Success	25-Jul	P	
115	SP715	Changing name in Profile	The Profile editor should allow the user to change their name if they wwish	Success	27-Jul	P	
121	SP721	Display the profile image name	The user should be able to see the name of the image they uploaded	Success	29-Jul	P	
131	SP731	Author profile images viewable from Author tab	When the user clicks Authors, they should be able to see the profile images in a side-by-side list	Success	29-Jul	P	
132	SP732	Round profile shape image	The author's image should be viewed as a round circle shape	Success	29-Jul	P	
133	SP733	Clicking Author's name guides user to Author's info	When clicing the name, the user should be guided to the author's information	Success	29-Jul	P	
140	SP740	When changing image, prompts user to upload	User should be prompted to file page to upload image from their computer	Success	30-Jul	P	
154	SP754	Profile updated successfully message	When updating profile, a green message should display that the change was successfu.	Success	1-Aug	P	
156	SP756	Fields in profile changes are optional	When changing information in profile, the fields should all be optional	Success	1-Aug	p	
157	SP757	User clicks Author's profile image from Author tab	The user should be guided to see Author's follower count when they click their picture	Success	1-Aug	P	

Admin

Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
16	SP216	Admin enter information login.	Admin successfully logs in	Success	19-Jun	P	
18	SP218	Admin search groups by name in group page.	admin search for specific group through search bar	Success	19-Jun	P	
19	SP219	Admin clicks group name on group page.	Admin is guided to group permission page for that group	Success	19-Jun	P	
20	SP220	Admin can change permissions for group	Add or remove group permissions	Success	19-Jun	P	
21	SP221	Admin clicks save when changing group information	Saves the changes made and goes back to group menu	Success	20-Jun	P	
22	SP222	Admin clicks Delete when on group page.	admin deletes the group and its permissions	Success	20-Jun	P	
23	SP223	Admin clicks "Save and add another" on group info.	Admin saves current group and prompted to new page to add a new one	Success	20-Jun	P	
24	SP224	Admin saves changes made to group without leaving page	Admin saves current progress but stays on editing page	Success	20-Jun	P	
25	SP225	From home, admin can change the name of a section	Admin changes the name of the section by clicking "change"	Success	20-Jun	P	
26	SP226	Admin should be able to access comment list	Admin should be able to see a list of all the comments that have been made	Success	20-Jun	P	
27	SP227	Admin uses search to search for user by name	Searches by user's name	Success	20-Jun	P	
28	SP228	Admin clicks username to view comment	Guides admin to the comment made by the user to make changes	Success	20-Jun	P	
29	SP229	Admin clicks delete in comment info.	Deletes the comment	Success	20-Jun	P	
31	SP231	View comment through admin page	Admin is directed to a page to view/change/delete the comment	Success	25-Jun	P	
17	SP217	Admin should be able to access groups	Shows list of groups on group page	Success	19-Jun	P	
67	SP567	Admin can register user profile	Admin should be able to register a user profile within the admin site	Success	23-Jul	P	
77	SP577	Admin should be able to manually register users	Admin should be able to mannually register a new user to the site	Success	23-Jul	P	
78	SP578	Through the admin site, admin should be able to manage user permissions.	Admin should be able to change who can access what for the site	Success	23-Jul	P	
83	SP583	Admin should be able to manually change a user's profile	Admin should be able to access and change a user's profile as necessary	Success	23-Jul	P	
84	SP584	Admin should be able to delete a user	Admin should be able to remove a registered user as they see fit	Success	23-Jul	P	
85	SP585	Admin should have access to mailchimp	Admin should be able to access mailchimp and send emails to fellow bloggers	Success	21-Jul	P	
86	SP586	Admin should be able to delete a section from homepage	Admin should be able to remove an entire section from home page and remove all that it contains	Success	21-Jun	P	
97	SP597	Remove an email from Mailchimp	Admin should be able to remove registered emails through Mailchimp sight	Success	22-Jul	P	
162	SP762	Admin should be able to remove registered users	Admin should be able to remove registered user accounts	Success	1-Aug	P	
163	SP763	Admin should be able to manually change a user's information	Admin should be able to go into server and change the user's information manually	Success	2-Aug	p	
164	SP764	Admin should be able to manually add register user	Admin should be able to manually add a user to the database	Success	2-Aug	P	
165	SP765	Admin should be able to ban registered users	Admin should be able to ban a user from the sight but without removing them	Success	2-Aug	P	
166	SP766	Admin should be able to ban Authors	Admin should be able to ban an Author when reported for inapproriate content	Success	2-Aug	P	
167	SP767	Admin should be able to remove Authors	Admin should be able to perminantly remove Author's from the site.	Success	2-Aug	P	
168	SP768	Admin should be able to change Author's profile information	Admin should be able to change Author's profile image	Success	2-Aug	P	

Followers

Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
134	SP734	View number of followers the Author has	The user should be able to see how many followers the author has next to their image	Success	29-Jul	P	
135	SP735	Follow/Unfollow button	The user should be able to see a follow or unfollow button to the right of author	Success	29-Jul	P	
136	SP736	User clicks follow/unfollow	If the user clicks follow/unfollow, the status should change accordingly	Success	29-Jul	P	
137	SP737	Author follow count updates	The author's follow count should update with refresh should their be a change in followers	Success	29-Jul	p	
139	SP739	User should be able to follow multiple	The user should be able to follow multiple Author's if they wish to.	Success	1-Aug	P	

Security

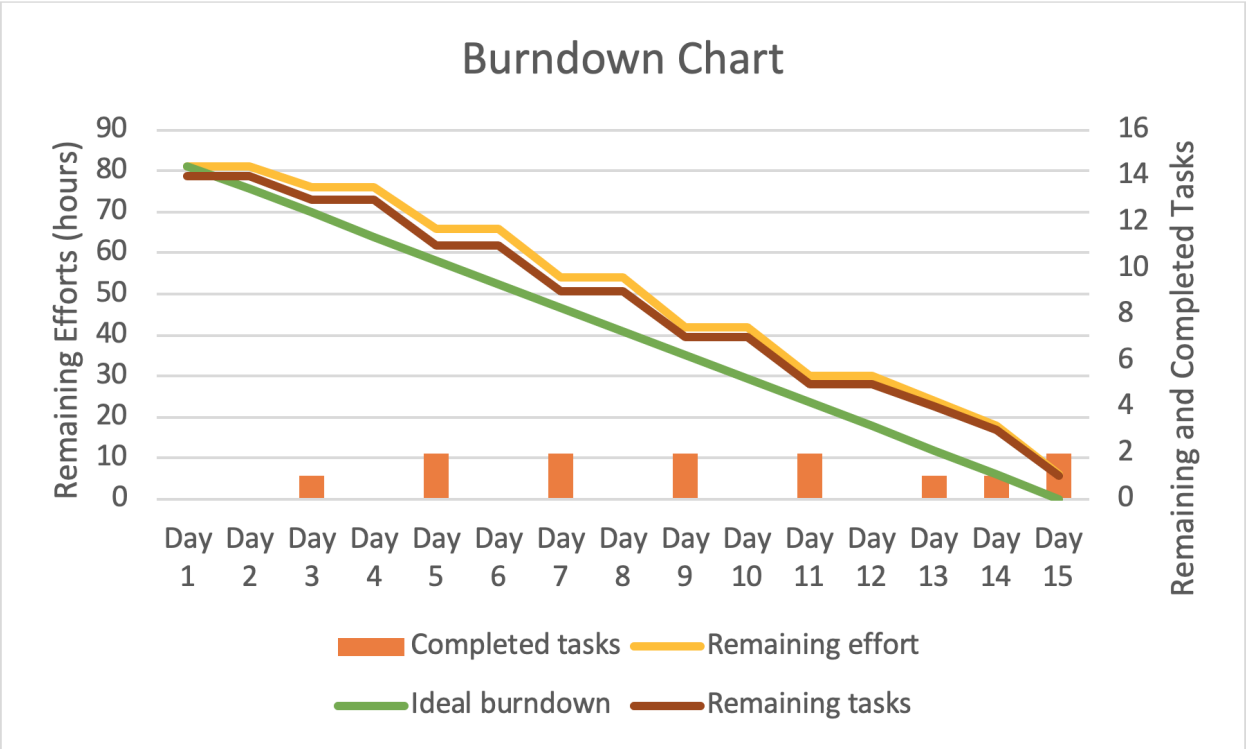
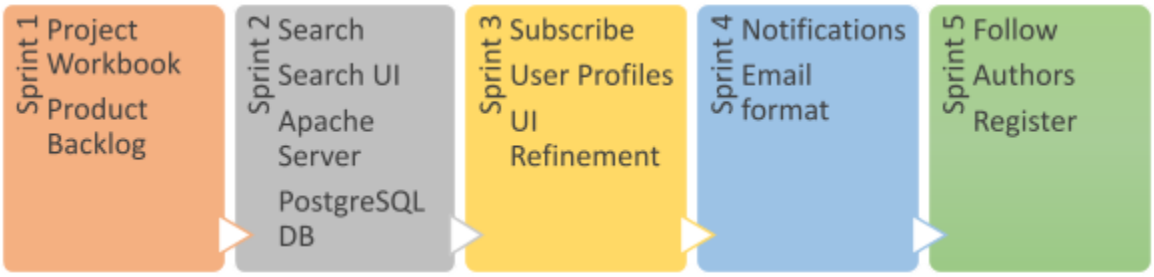
Test #	Test ID	Description	Expected Result	Actual Result	Test Date	Pass/Fail	Notes
171	SP771	Security test with pentest-tools.com	The website passes the security test with expected risks	Success	8-Aug	P	
172	SP772	Secure Communication	Pass the security check for secure communication	Success	8-Aug	P	
173	SP773	No Robots.txt file found	Pass the check for Robots.txt file	Success	8-Aug	P	
174	SP774	HTTP cookies	Pass the check for HTTP cookies	Success	8-Aug	P	
175	SP775	Client Access Policy check	Pass the check for client access policies	Success	8-Aug	P	
176	SP776	Directory listing check	Pass the check for directory listing	Success	8-Aug	P	
177	SP777	Security test using immuniweb.com	The website passes the security test with expected risks	Success	8-Aug	P	Gave a C+ score
178	SP778	Web Software Security	No vulnerabilities to be found	Success	8-Aug	P	
179	SP779	DSS Security - checking CMS Components	No fingerprints found in CMS and its components	Success	8-Aug	P	Stated CMS may need to be updated
180	SP880	Traffic Encryption	Website has been tested to be successfully encrypted	Success	8-Aug	P	
		* Both testing sites noted that the Apache server is outdated					

12. Task Completion

Estimated Task Hours Completed

	Name of Team Member	Number of Tasks completed	Hours Taken
1	Ashley Abernathy	2	11
2	Geoffrey Sessums	8	44
3	Mosinmi Akindele	4	20

13. Burn Down Chart



14. Milestones