

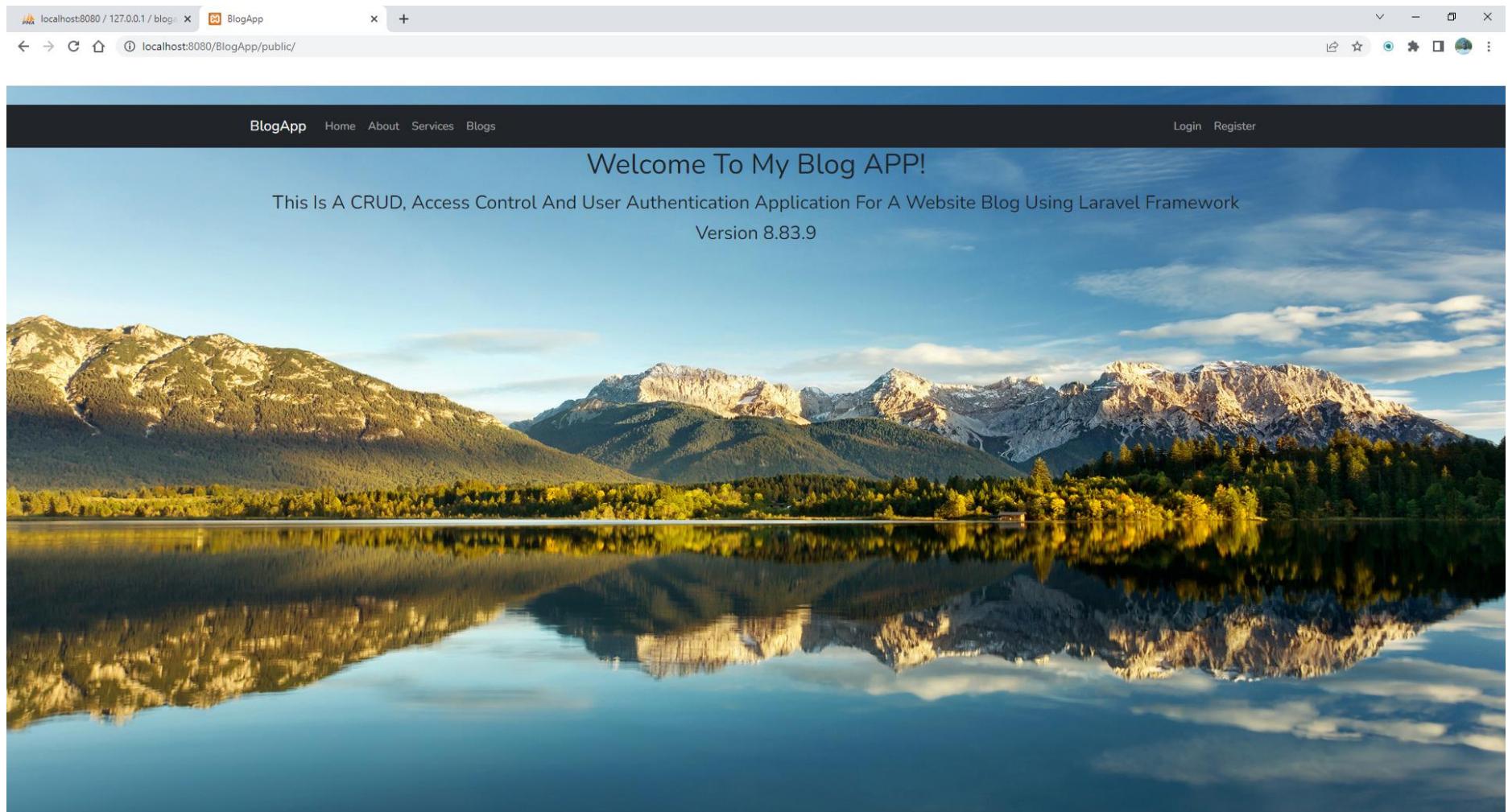
Screenshots of the Blog App and how it works.

The screenshot shows the phpMyAdmin interface for the 'blogapp' database on a local server. The left sidebar lists databases: 'New', 'blogapp', 'information\_schema', 'mysql', 'performance\_schema', 'phpmyadmin', and 'test'. The 'blogapp' database is selected. The main area displays the table structure with the following data:

Table	Action	Rows	Type	Collation	Size	Overhead
failed_jobs	<input type="checkbox"/> Browse <input type="checkbox"/> Structure <input type="checkbox"/> Search <input type="checkbox"/> Insert <input type="checkbox"/> Empty <input type="checkbox"/> Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 Kib	-
migrations	<input type="checkbox"/> Browse <input type="checkbox"/> Structure <input type="checkbox"/> Search <input type="checkbox"/> Insert <input type="checkbox"/> Empty <input type="checkbox"/> Drop	7	InnoDB	utf8mb4_unicode_ci	16.0 Kib	-
password_resets	<input type="checkbox"/> Browse <input type="checkbox"/> Structure <input type="checkbox"/> Search <input type="checkbox"/> Insert <input type="checkbox"/> Empty <input type="checkbox"/> Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 Kib	-
personal_access_tokens	<input type="checkbox"/> Browse <input type="checkbox"/> Structure <input type="checkbox"/> Search <input type="checkbox"/> Insert <input type="checkbox"/> Empty <input type="checkbox"/> Drop	0	InnoDB	utf8mb4_unicode_ci	48.0 Kib	-
posts	<input type="checkbox"/> Browse <input type="checkbox"/> Structure <input type="checkbox"/> Search <input type="checkbox"/> Insert <input type="checkbox"/> Empty <input type="checkbox"/> Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 Kib	-
users	<input type="checkbox"/> Browse <input type="checkbox"/> Structure <input type="checkbox"/> Search <input type="checkbox"/> Insert <input type="checkbox"/> Empty <input type="checkbox"/> Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 Kib	-
6 tables	Sum	7	InnoDB	utf8mb4_general_ci	176.0 Kib	0 B

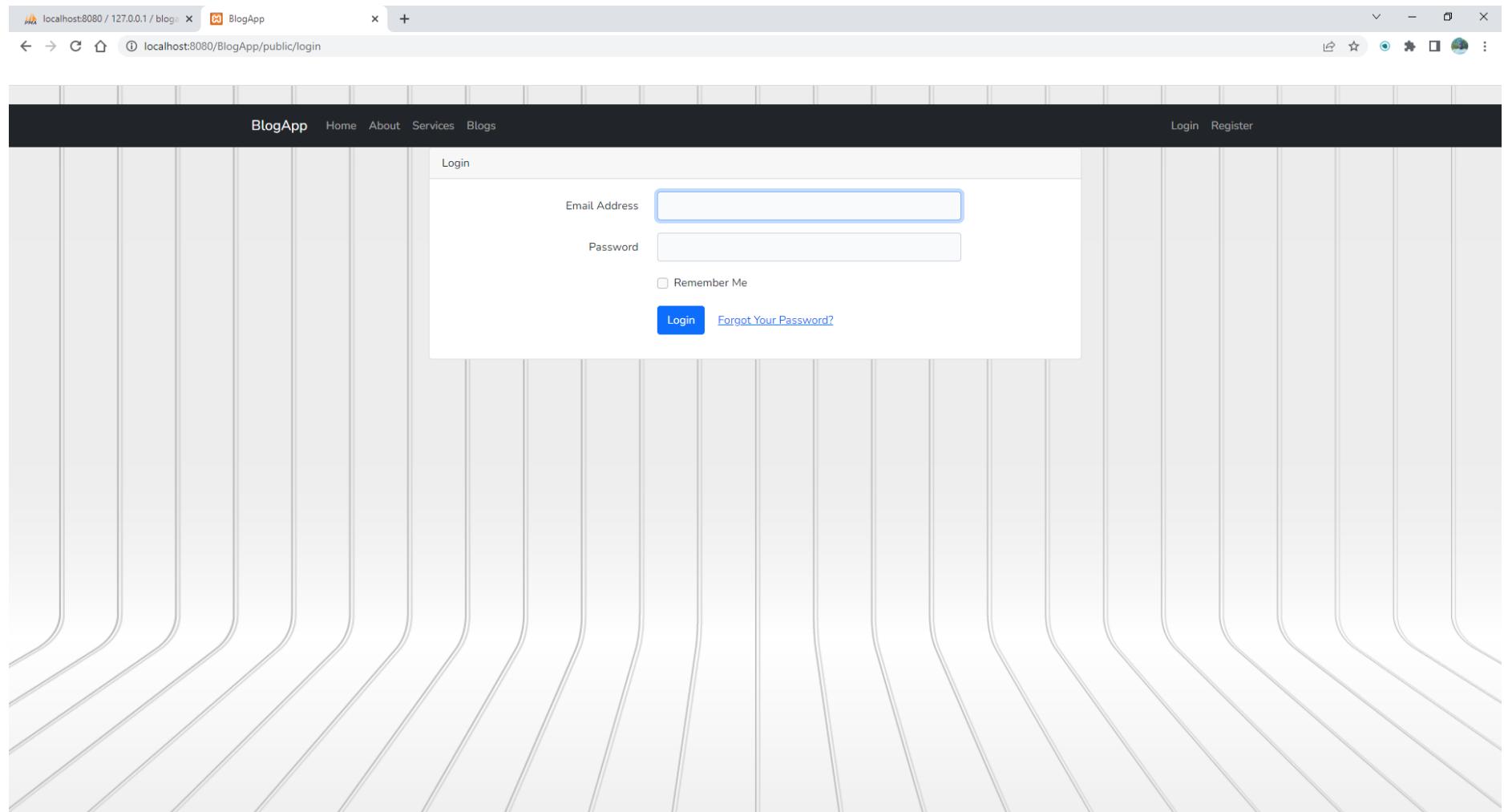
Below the table list, there are buttons for 'Check all' and 'With selected:'. The bottom section contains buttons for 'Print', 'Data dictionary', 'Create table' (with fields 'Name:' and 'Number of columns: 4'), and a 'Go' button.

Screenshot 0: The screenshot above shows the “blogapp” database in phpmyadmin that we will perform our CRUD operations will be stored in.

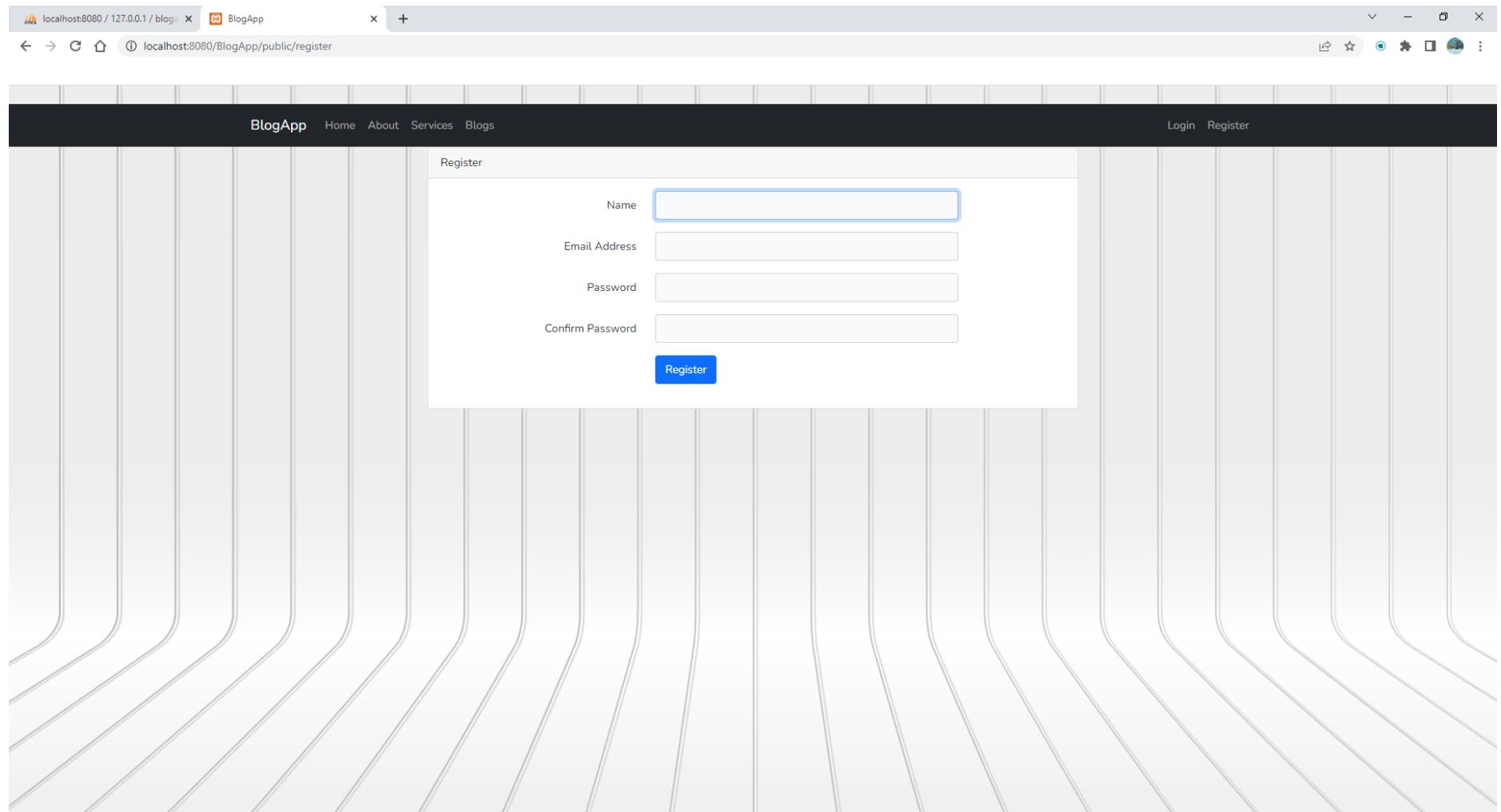


Screenshot 1

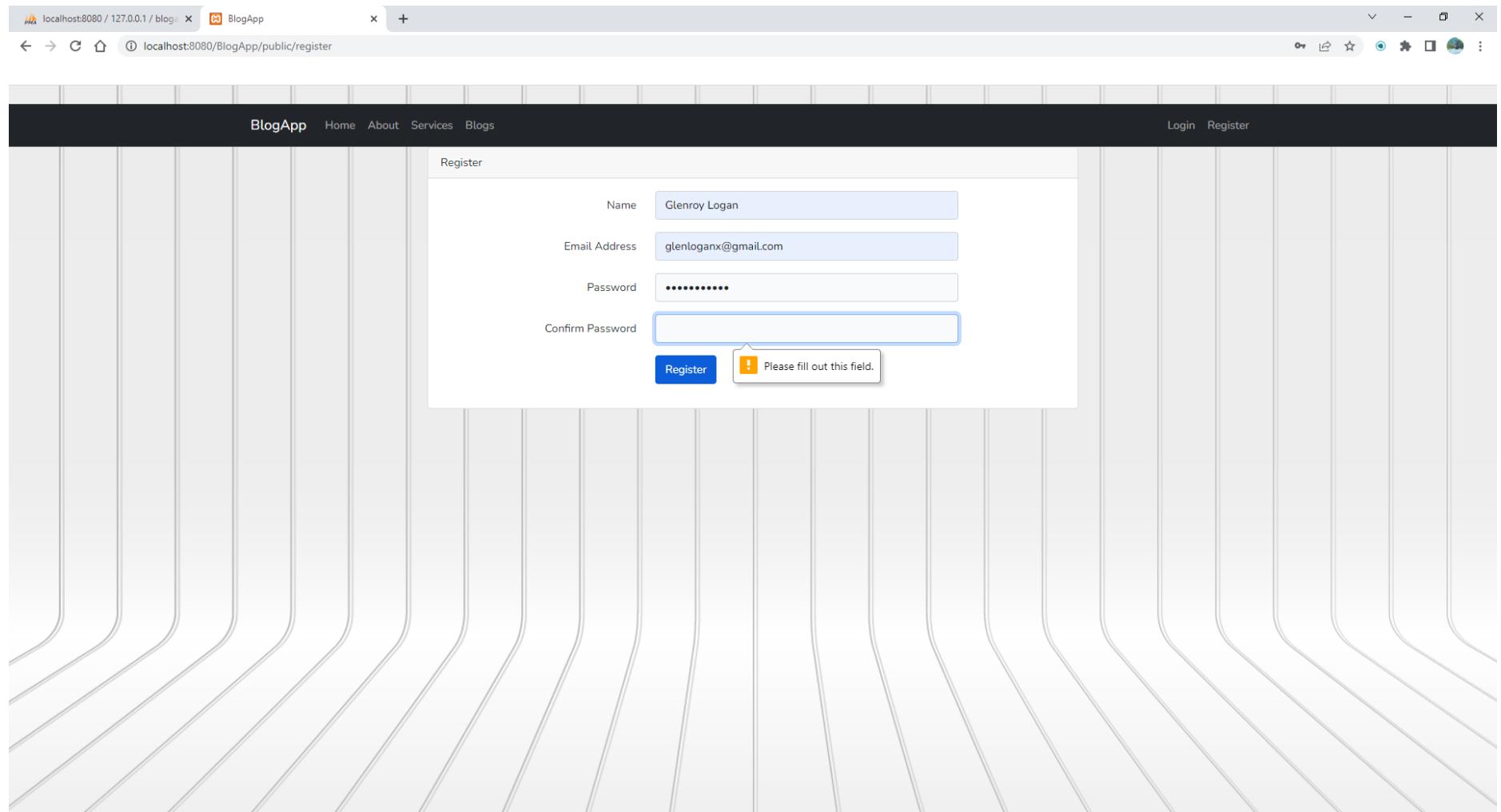
The screenshot above shows the homepage of our blog application



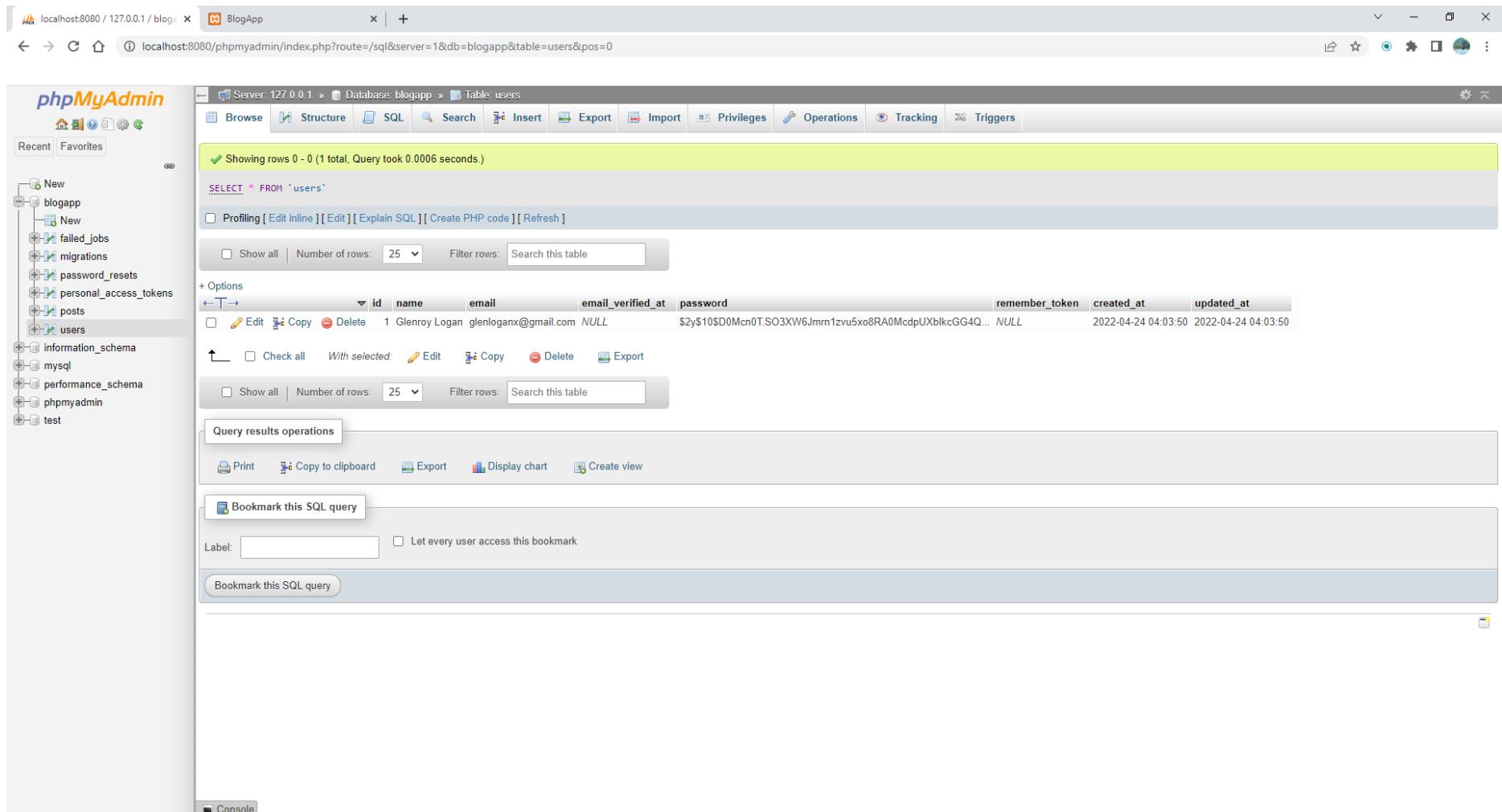
Screenshot 2: The Login Page



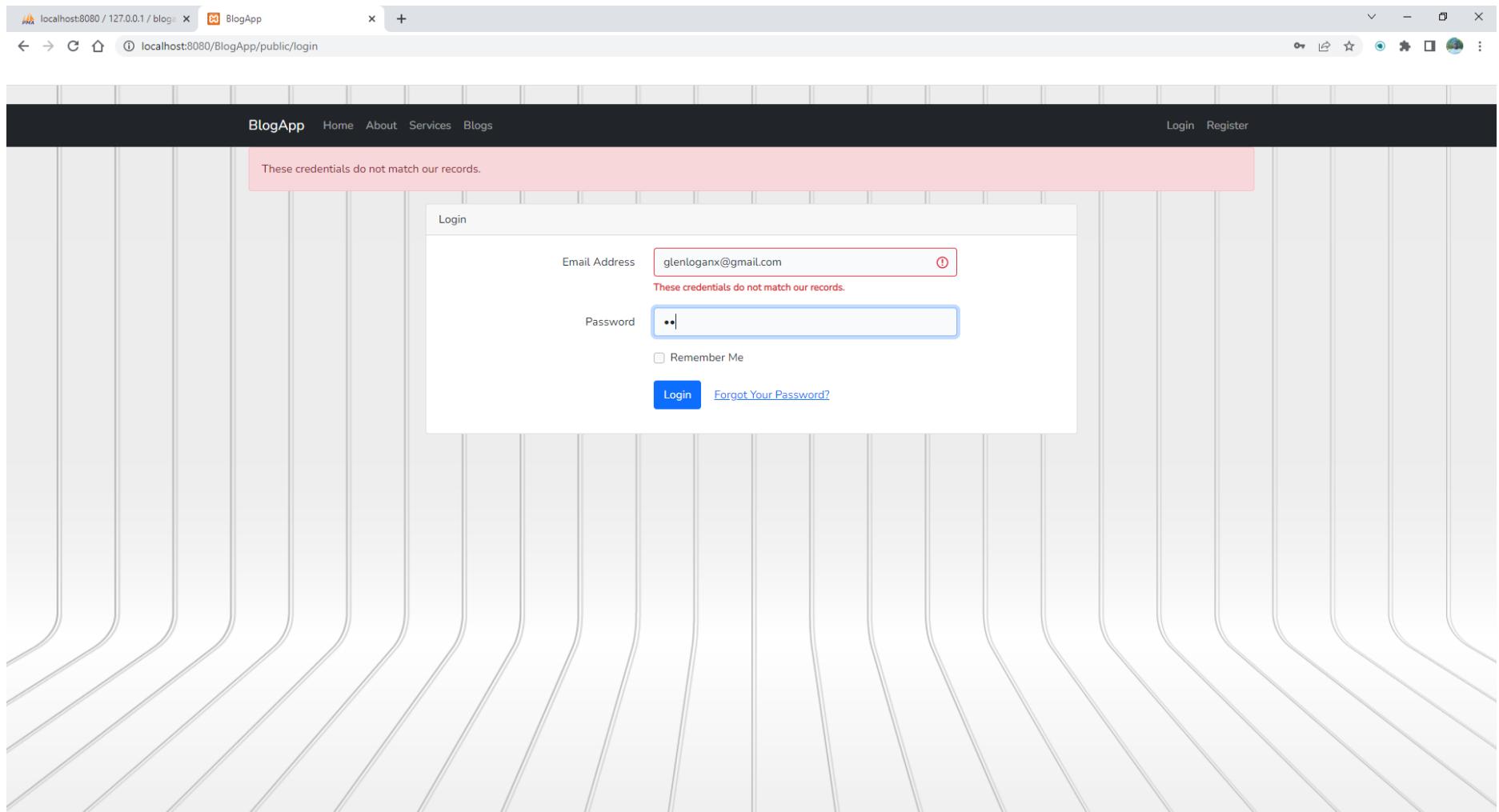
Screenshot 3: The registration page



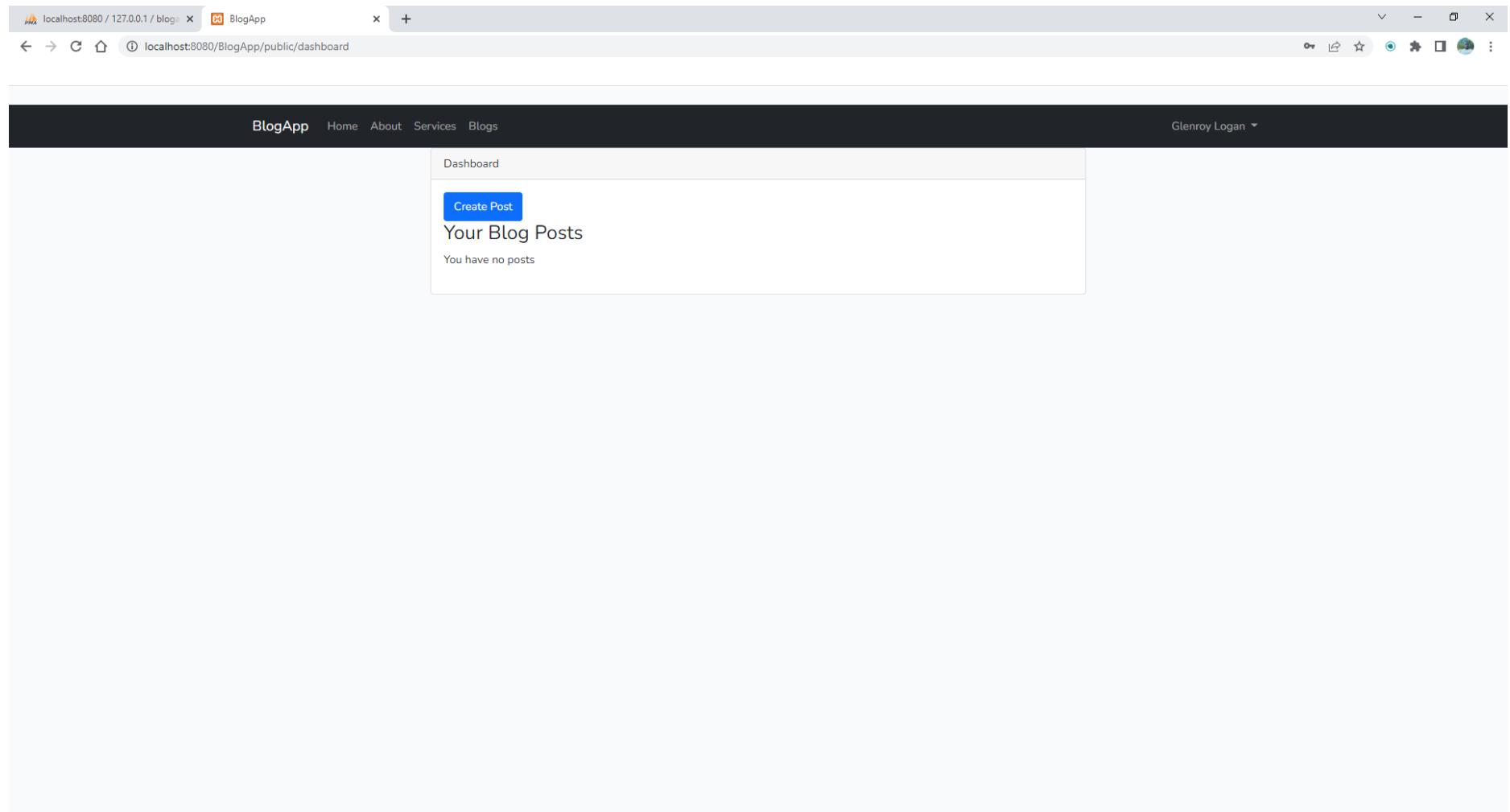
Screenshot 4: The user Glenroy Logan attempting to register an account to create a blog.



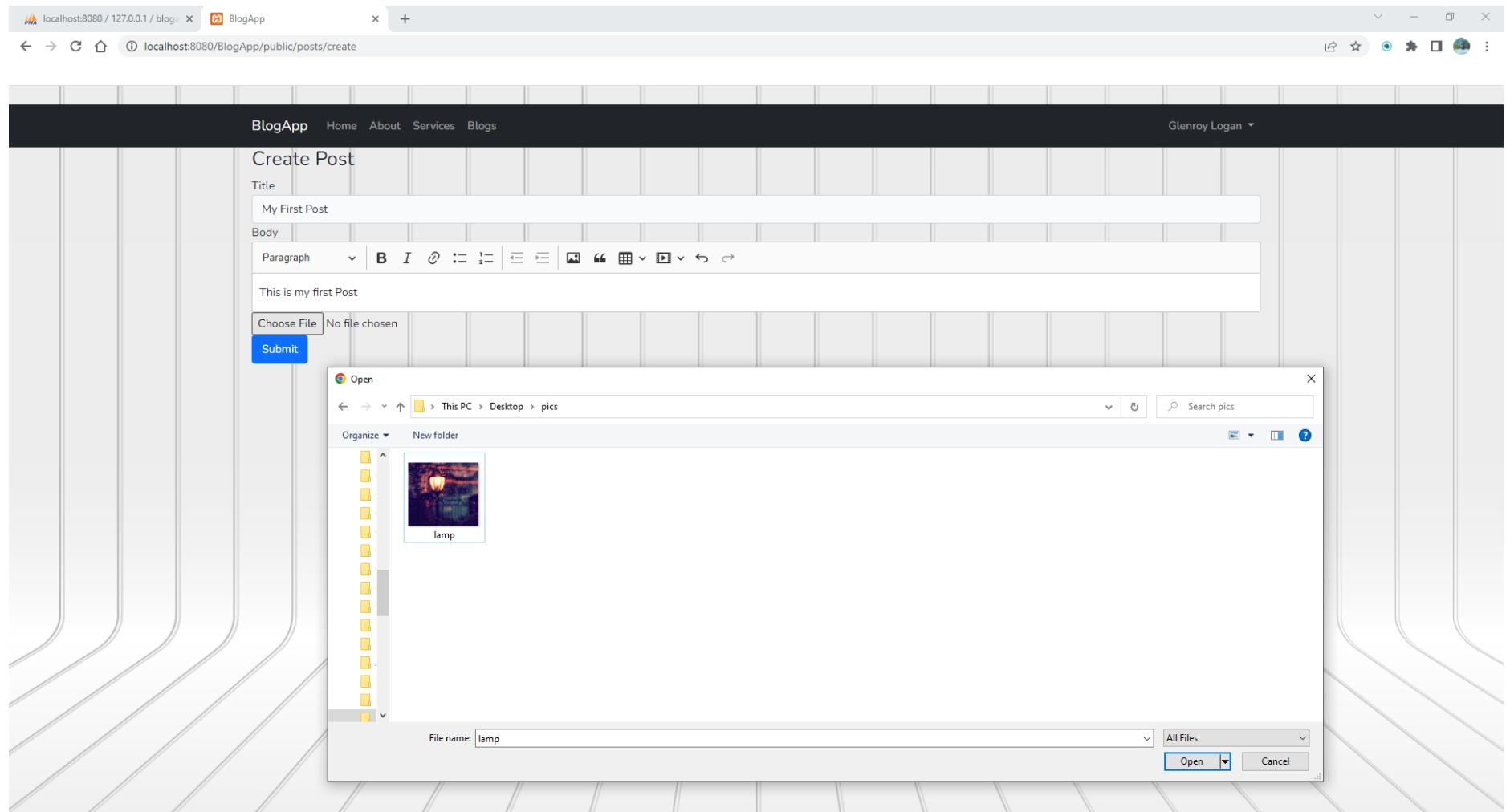
Screenshot 5: The User from screenshot 4's credentials have been stored in the users table in the "blogapp" database.



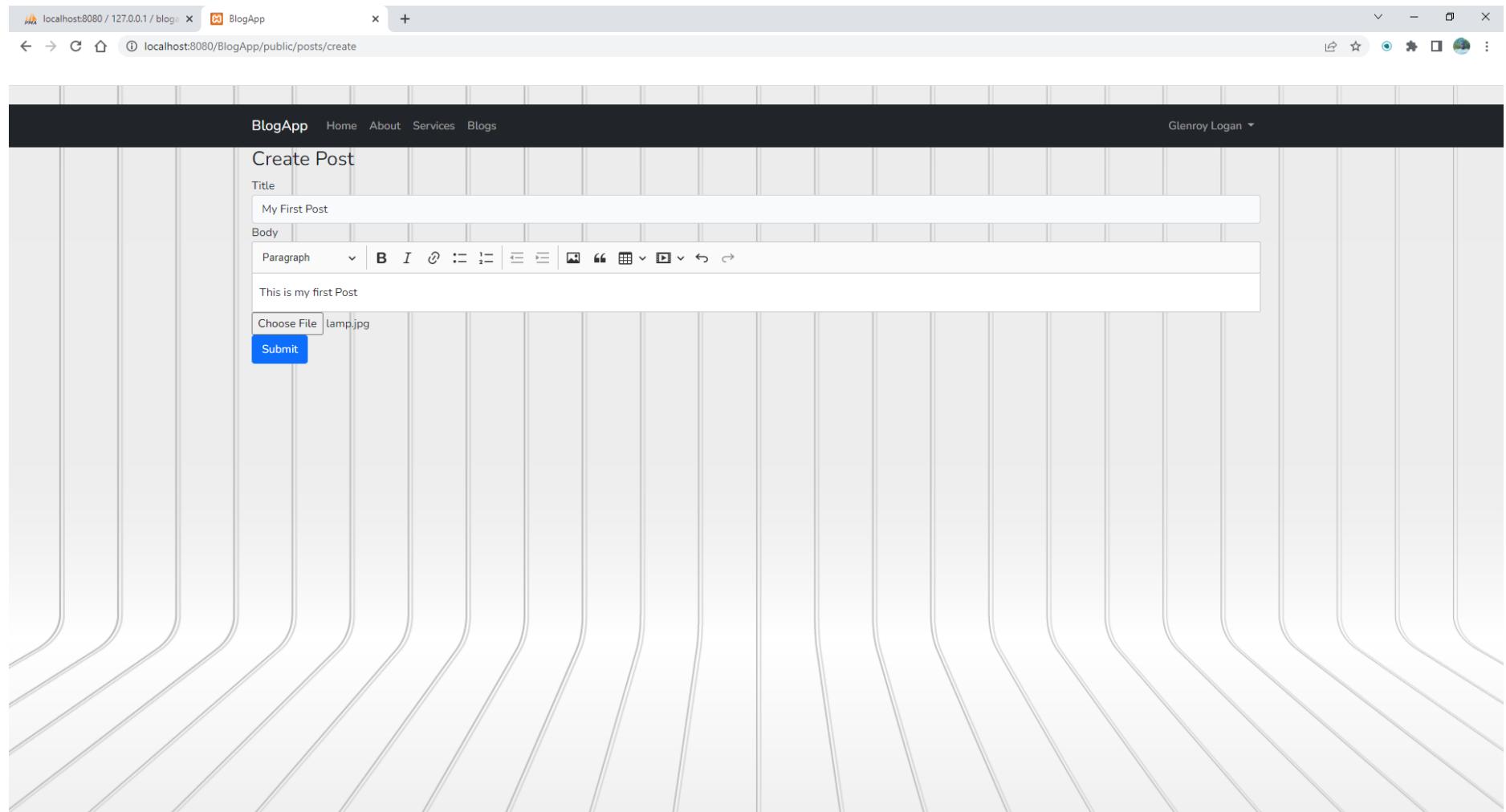
Screenshot 6: The registered user is attempting to login to the system using their Email address, but wrote an incorrect password.



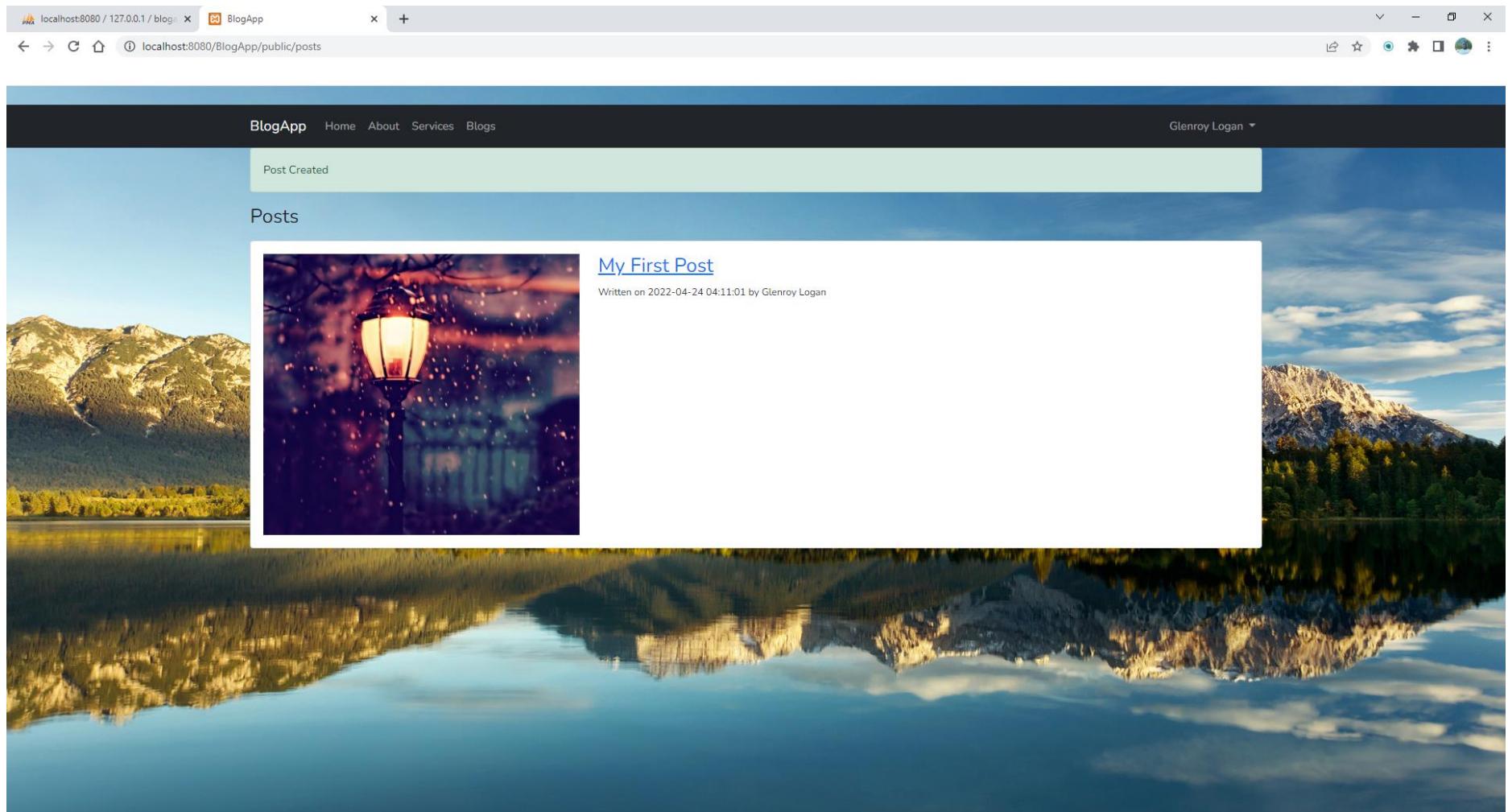
Screenshot 7: After the user has successfully logged in they are greeted with an empty dashboard that presents them with an opportunity to create a blog post.



Screenshot 8: The registered user is now attempting to make their first post and is uploading a photo that will be used as the thumbnail for the blog post.



Screenshot 9: Shows what the post looks like before being submitted.



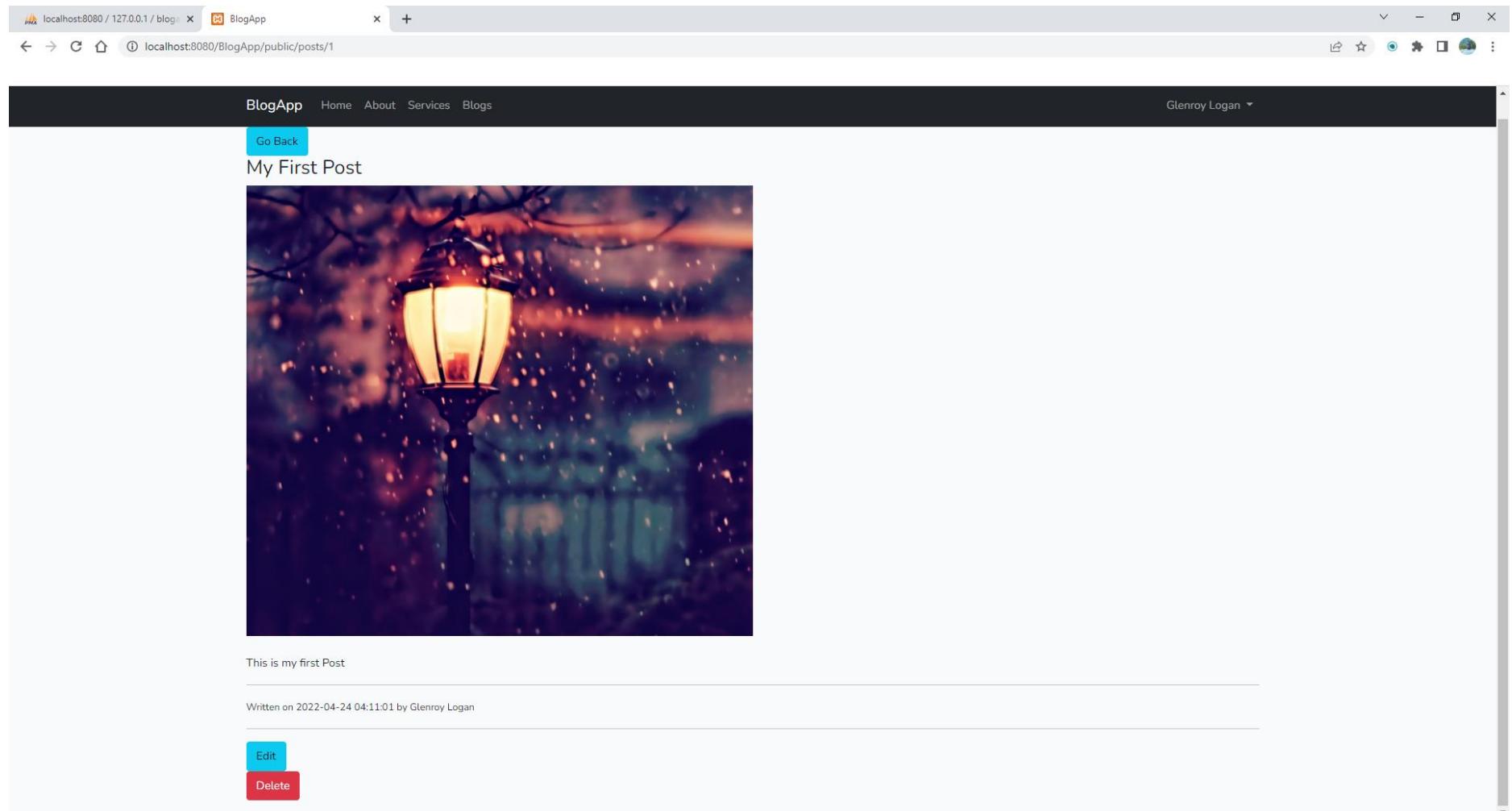
Screenshot 10: Shows what the post looks like after being submitted.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'blogapp'. The left sidebar lists databases: 'New', 'blogapp' (selected), 'New', 'failed\_jobs', 'migrations', 'password\_resets', 'personal\_access\_tokens', 'posts', 'users', 'information\_schema', 'mysql', 'performance\_schema', 'phpmyadmin', and 'test'. The main panel displays the 'posts' table with one row. The table has columns: id, title, body, created\_at, updated\_at, user\_id, and cover\_image. The single row shows:

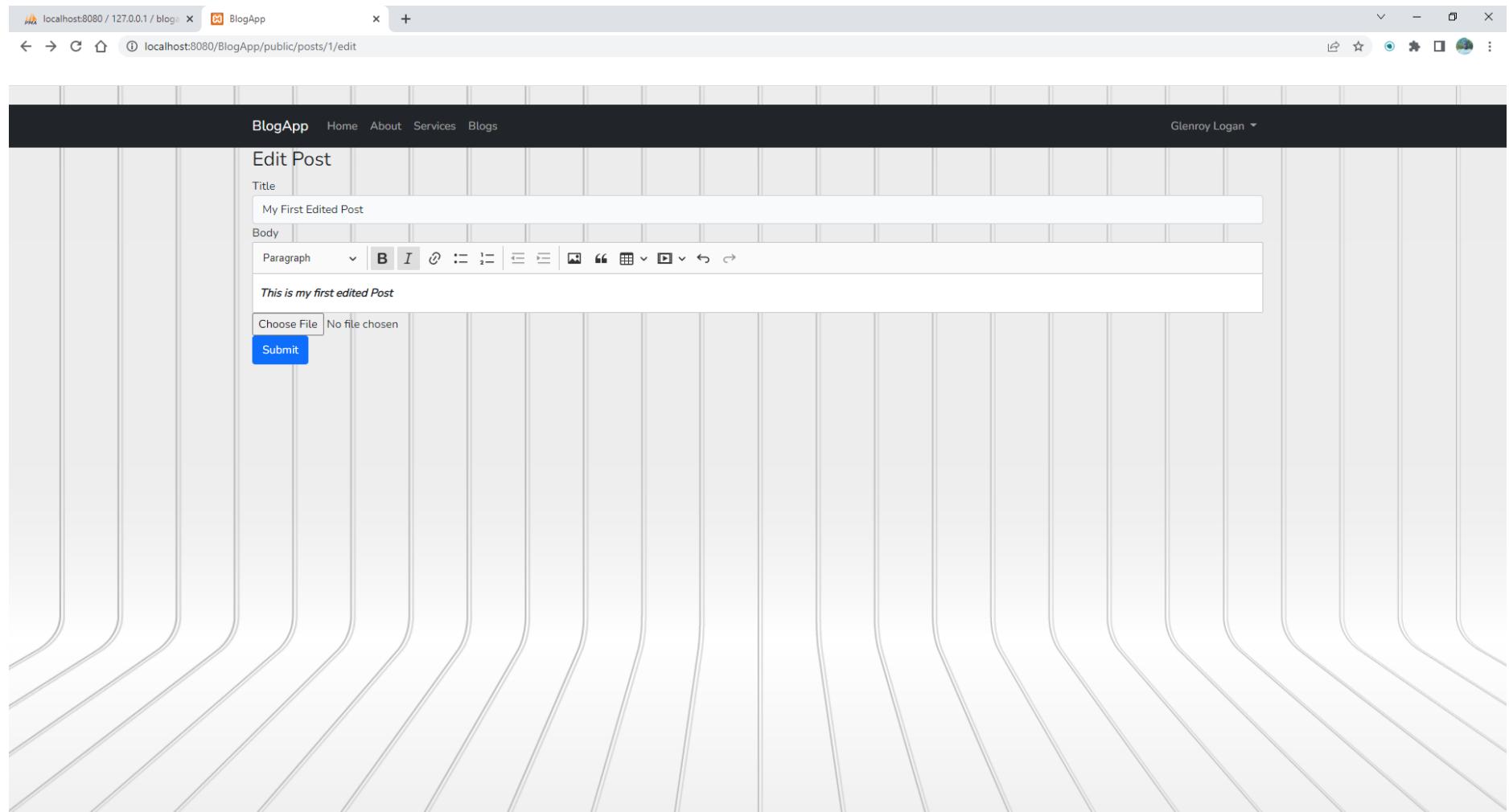
	<a href="#">Edit</a>	<a href="#">Copy</a>	<a href="#">Delete</a>	1	My First Post <p>This is my first Post</p>	2022-04-24 04:11:01	2022-04-24 04:11:01	1	lamp_1650773460.jpg
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Below the table, there are 'Query results operations' buttons: Print, Copy to clipboard, Export, Display chart, Create view. There is also a 'Bookmark this SQL query' section with a 'Label:' input field and a checkbox for 'Let every user access this bookmark'.

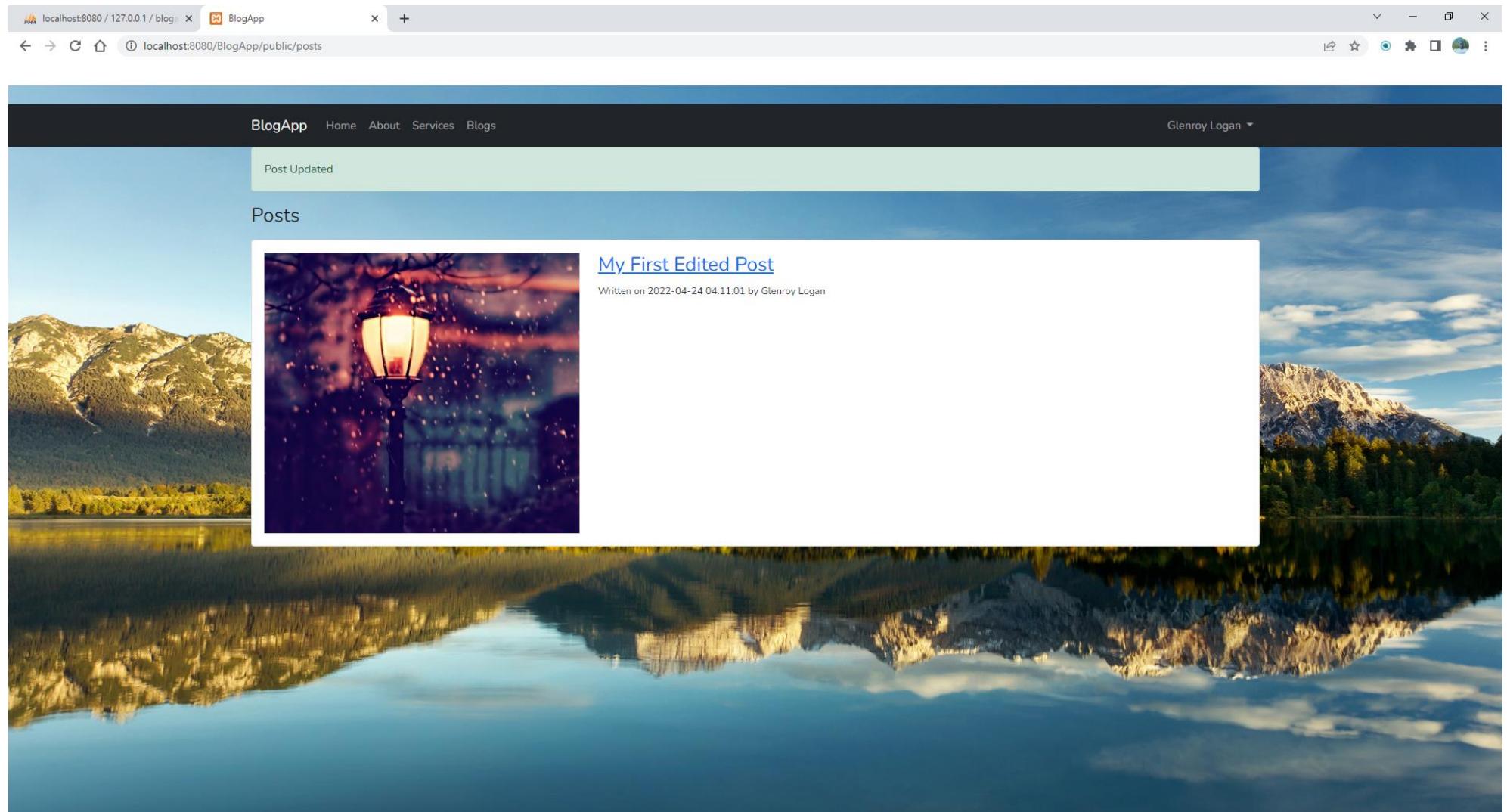
Screenshot 11: All the details relating to the post is stored in the posts table in the “blogapp” database.



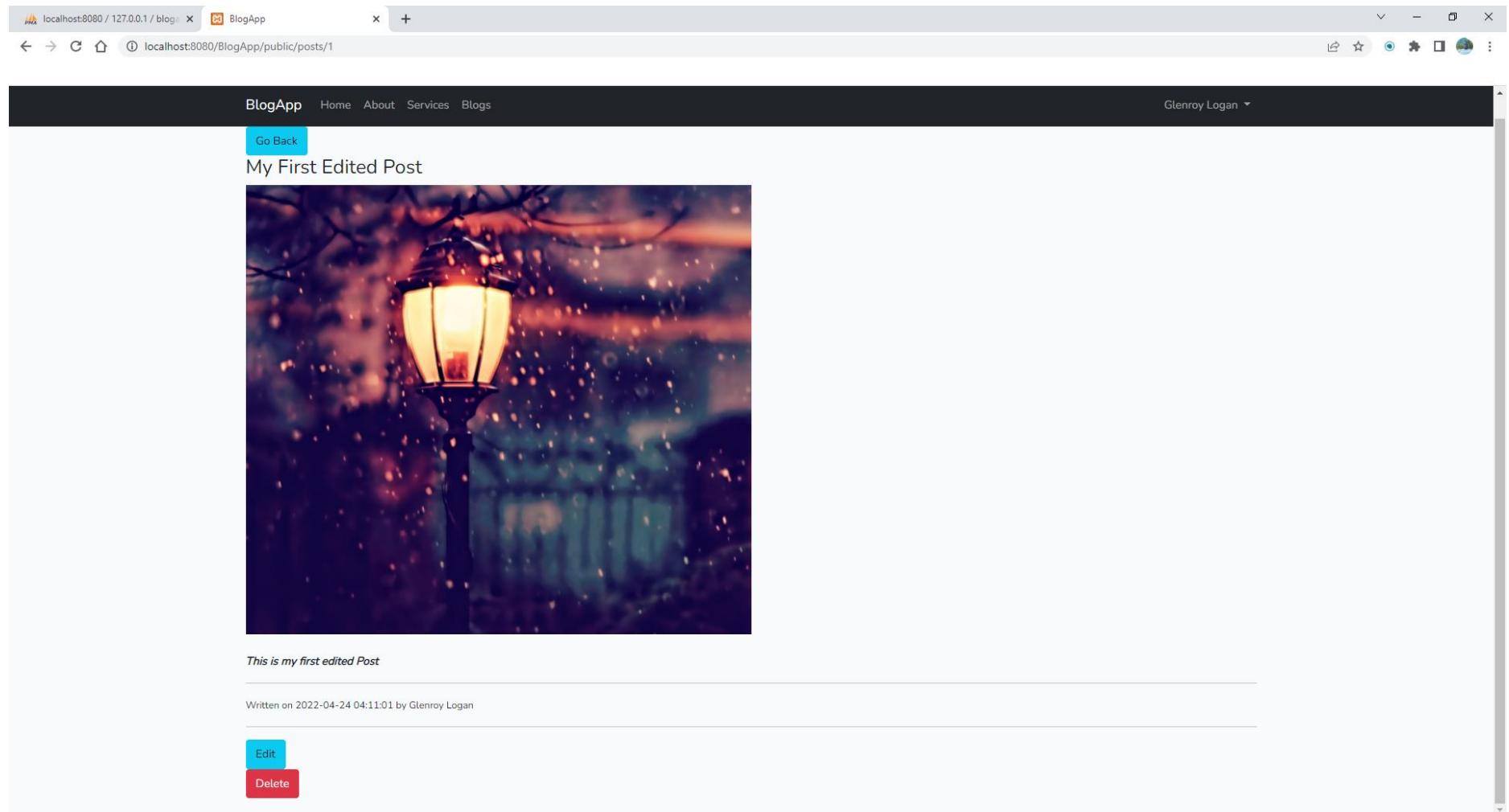
Screenshot 12: Shows how the user “Glenroy Logan” post looks with the photo and blog post, and since they are logged in they have the option to edit and update their post if they choose to.



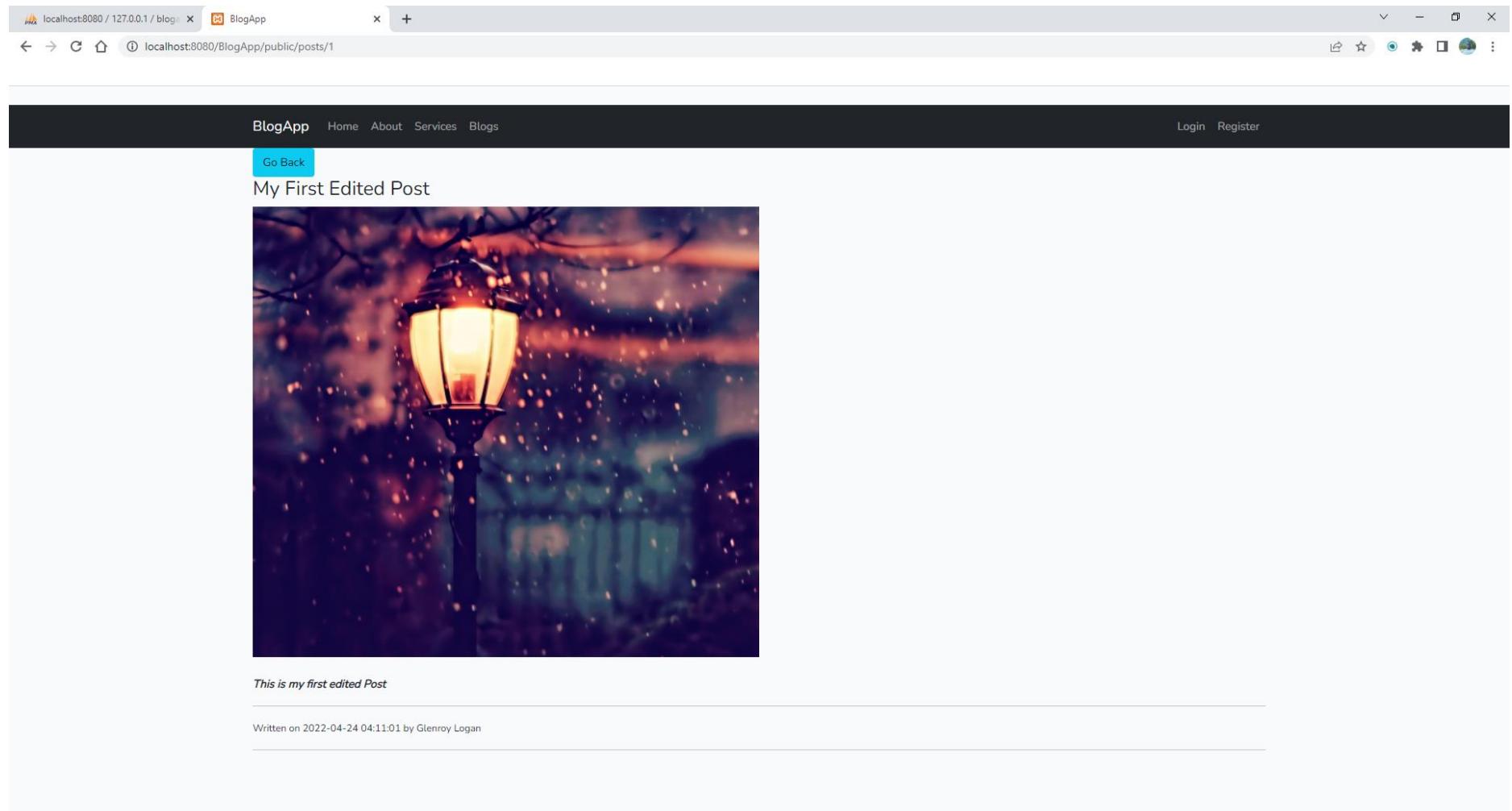
Screenshot 13: User Glenroy attempting to edit their post by renaming it to “My First Edited Post” and making the paragraph be bold and italic.



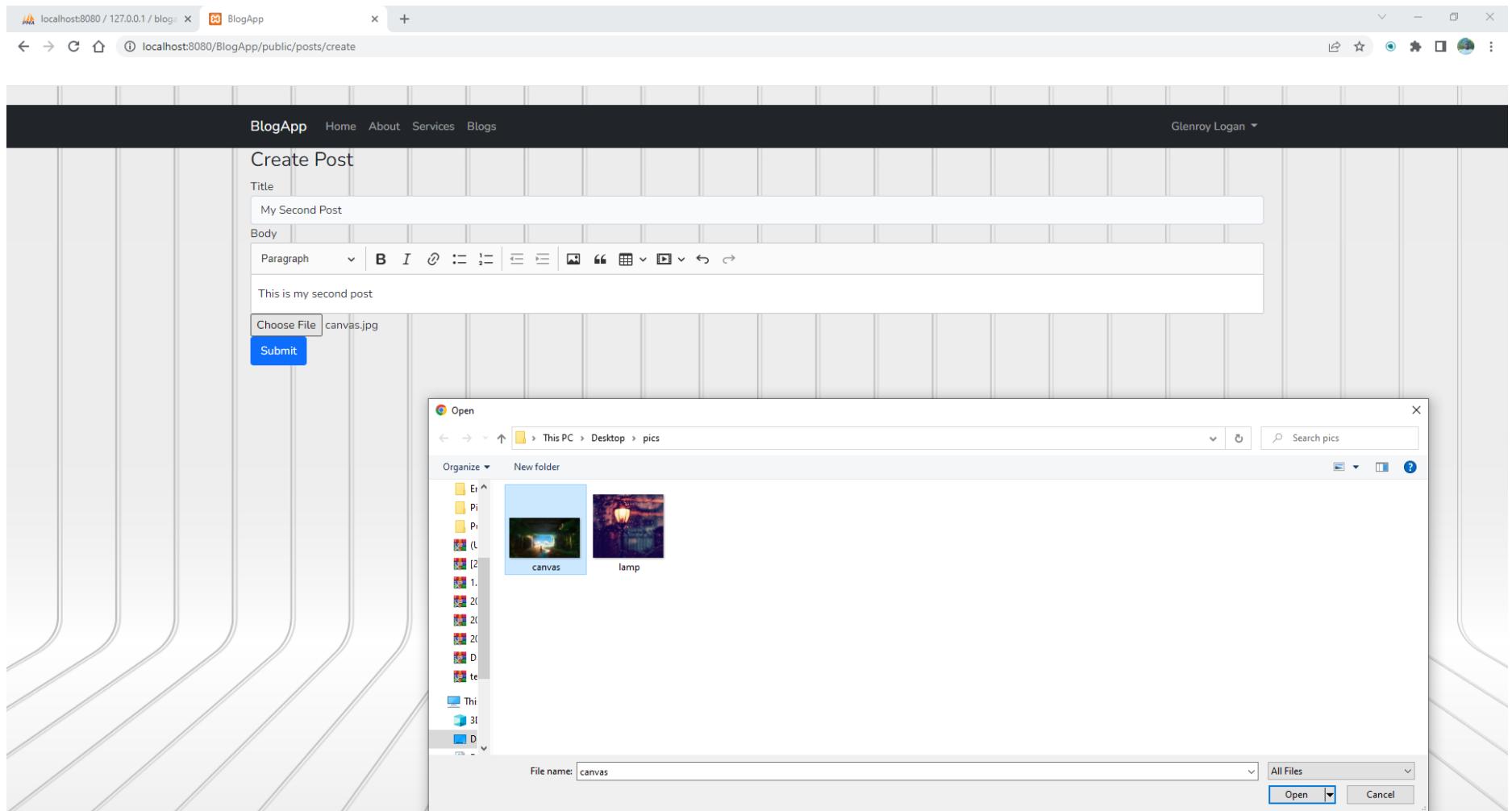
Screenshot 14: Shows the submission of the new edited post has successfully been updated.



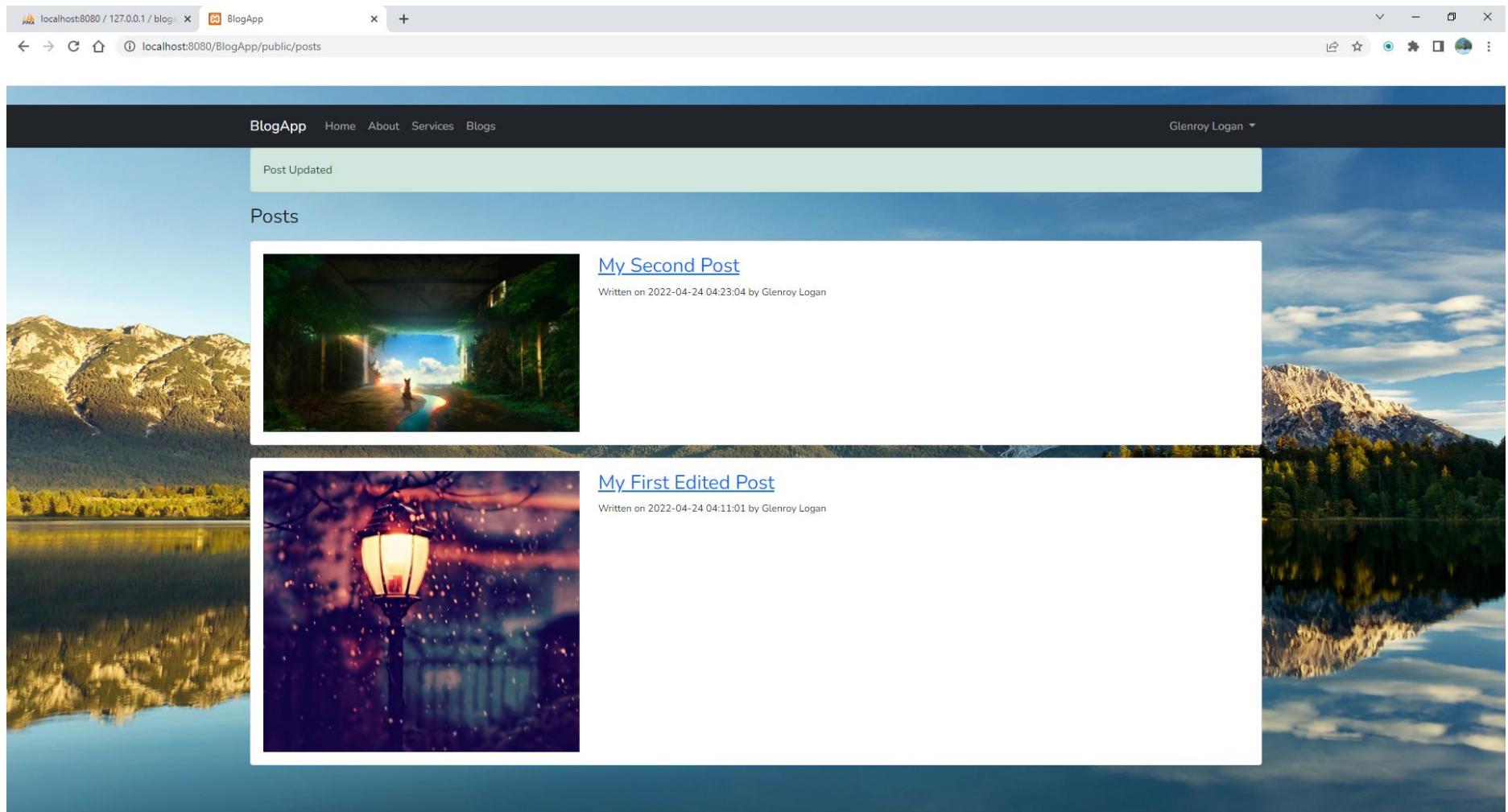
Screenshot 15: Shows the updated changes done to the edited post where the paragraph is now bold and italic.



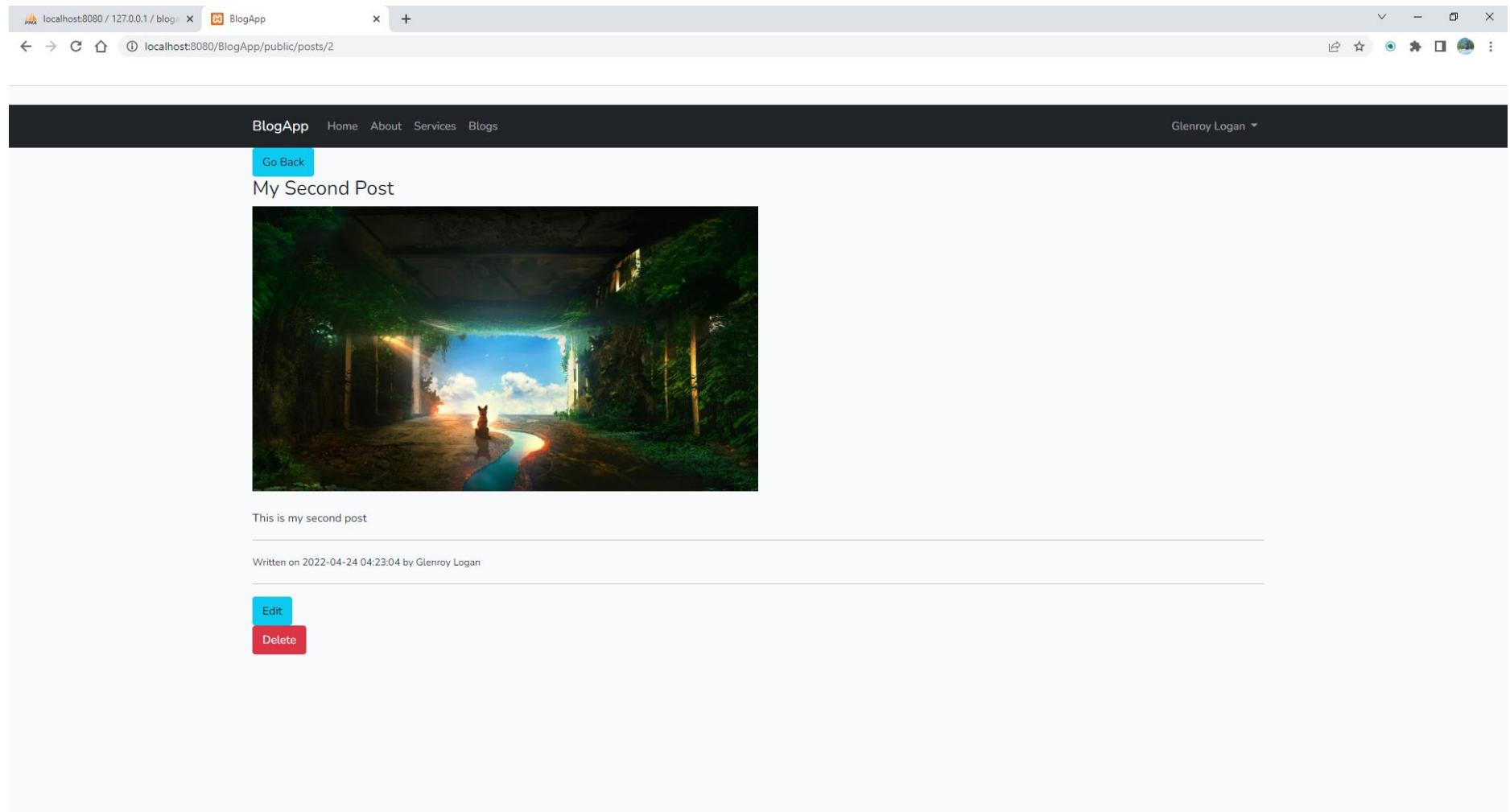
Screenshot 16: Shows when the user is logged out as seen in the top right hand corner, and the user is now unable to edit their post but can only view it. (Hence why the edit and delete buttons are no longer there)



Screenshot 17: Shows the user creating a second post and uploading a second picture called “canvas” to be its thumbnail.



Screenshot 18: Shows the second blog post has been successfully uploaded and has been moved to the top of the user posts as it is the most recent blog post.



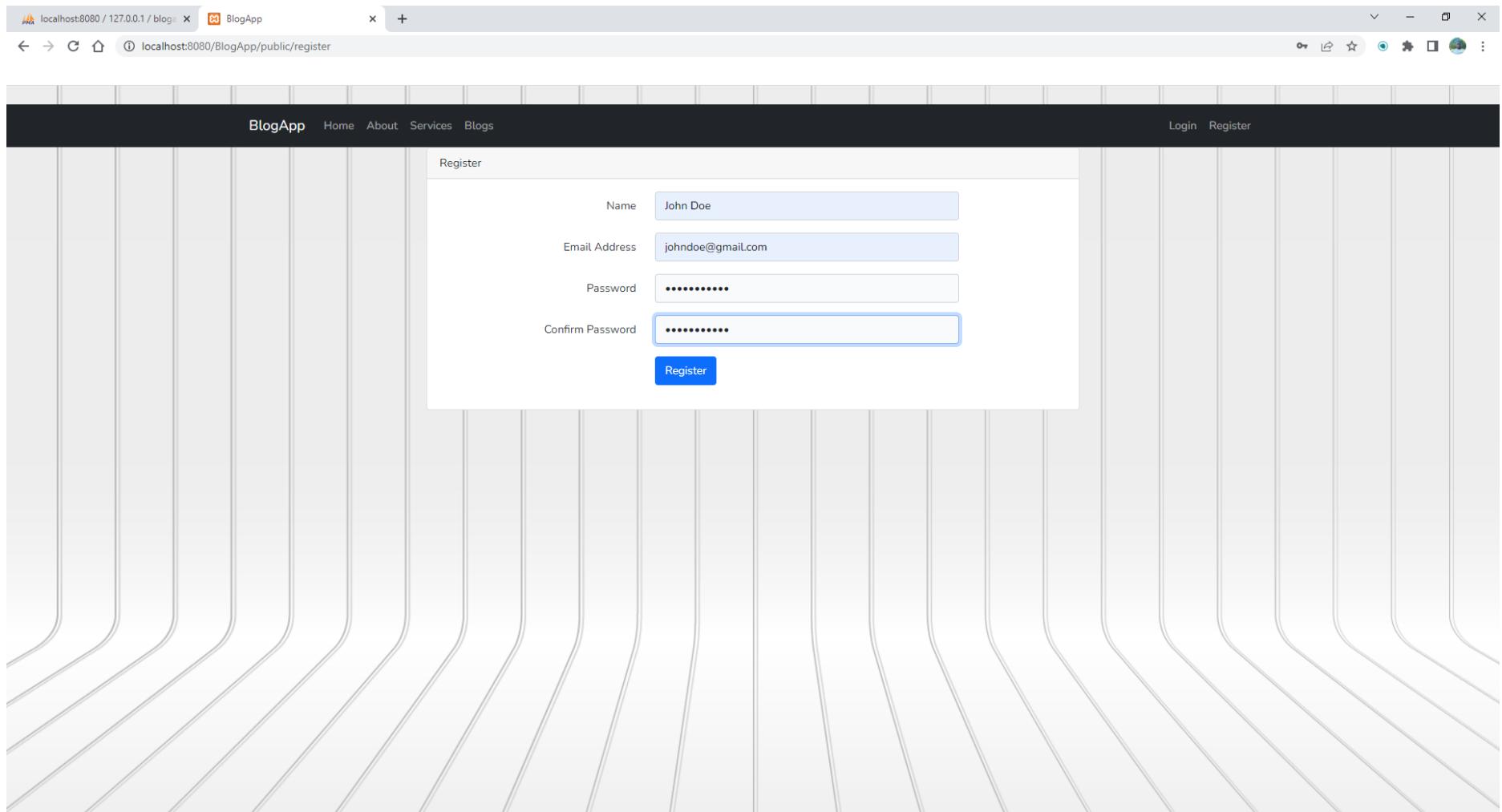
Screenshot 19: Shows the second post and its paragraph.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'blogapp'. The left sidebar lists various databases and their tables, including 'blogapp' which contains 'posts', 'users', 'password\_resets', 'migrations', 'failed\_jobs', and 'New'. The main content area displays the 'posts' table with the following data:

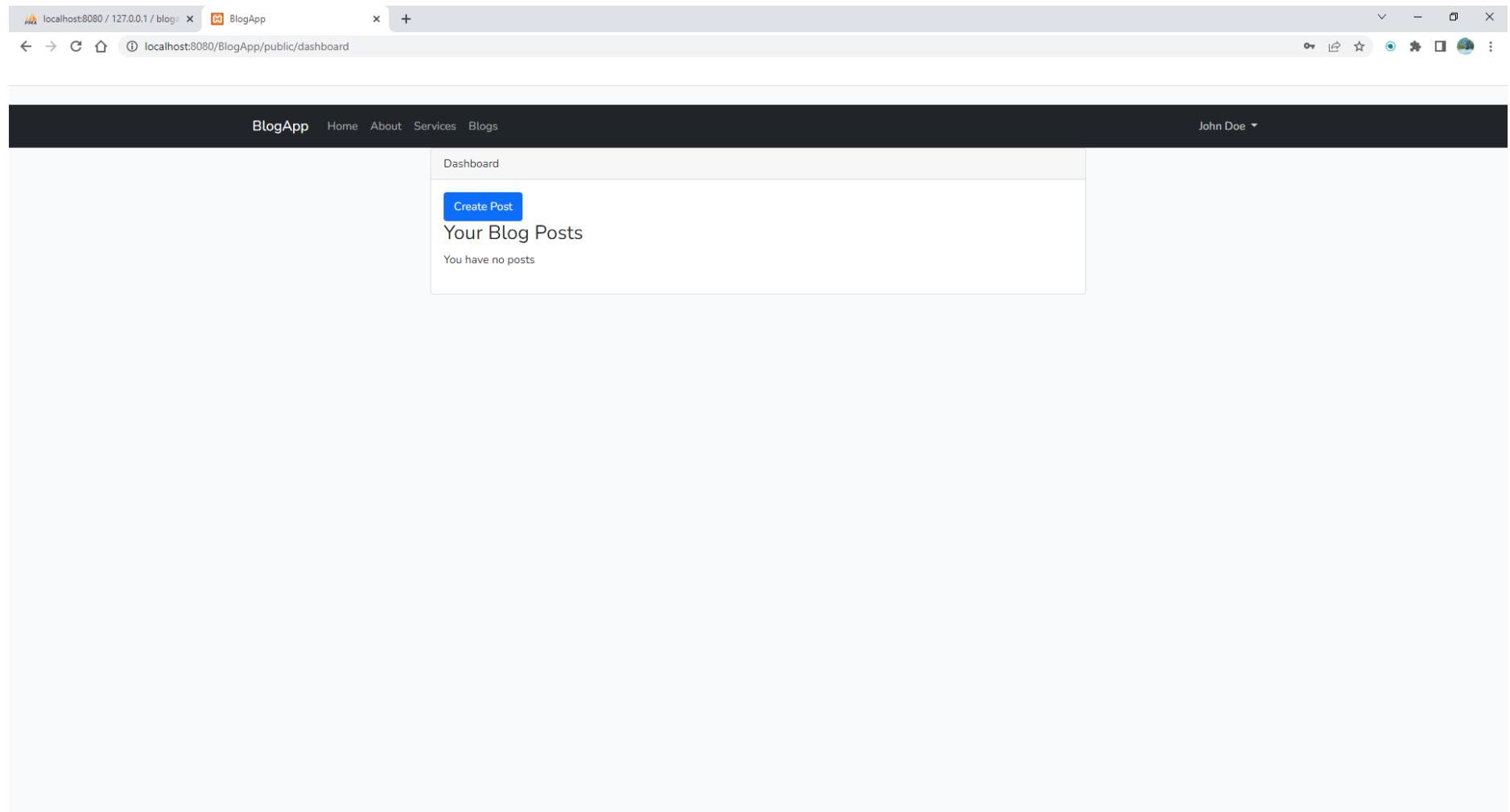
	<th th="" title<=""><th>body</th><th>created_at</th><th>updated_at</th><th>user_id</th><th>cover_image</th></th>	<th>body</th> <th>created_at</th> <th>updated_at</th> <th>user_id</th> <th>cover_image</th>	body	created_at	updated_at	user_id	cover_image
	1	My First Edited Post	<p><i>This is my first edited Post</i></p>	2022-04-24 04:11:01	2022-04-24 04:18:11	1	lamp_1650773460.jpg
	2	My Second Post	<p>This is my second post</p>	2022-04-24 04:23:04	2022-04-24 04:23:16	1	canvas_1650774196.jpg

Below the table, there are buttons for 'Edit', 'Copy', and 'Delete' for each row. The interface also includes sections for 'Query results operations' (Print, Copy to clipboard, Export, Display chart, Create view) and 'Bookmark this SQL query' (Label input field, 'Let every user access this bookmark' checkbox).

Screenshot 20: Shows all the posts that have been made so far that has been stored in the database in the posts table.



Screenshot 21: Shows the registration of another account by the user John Doe.



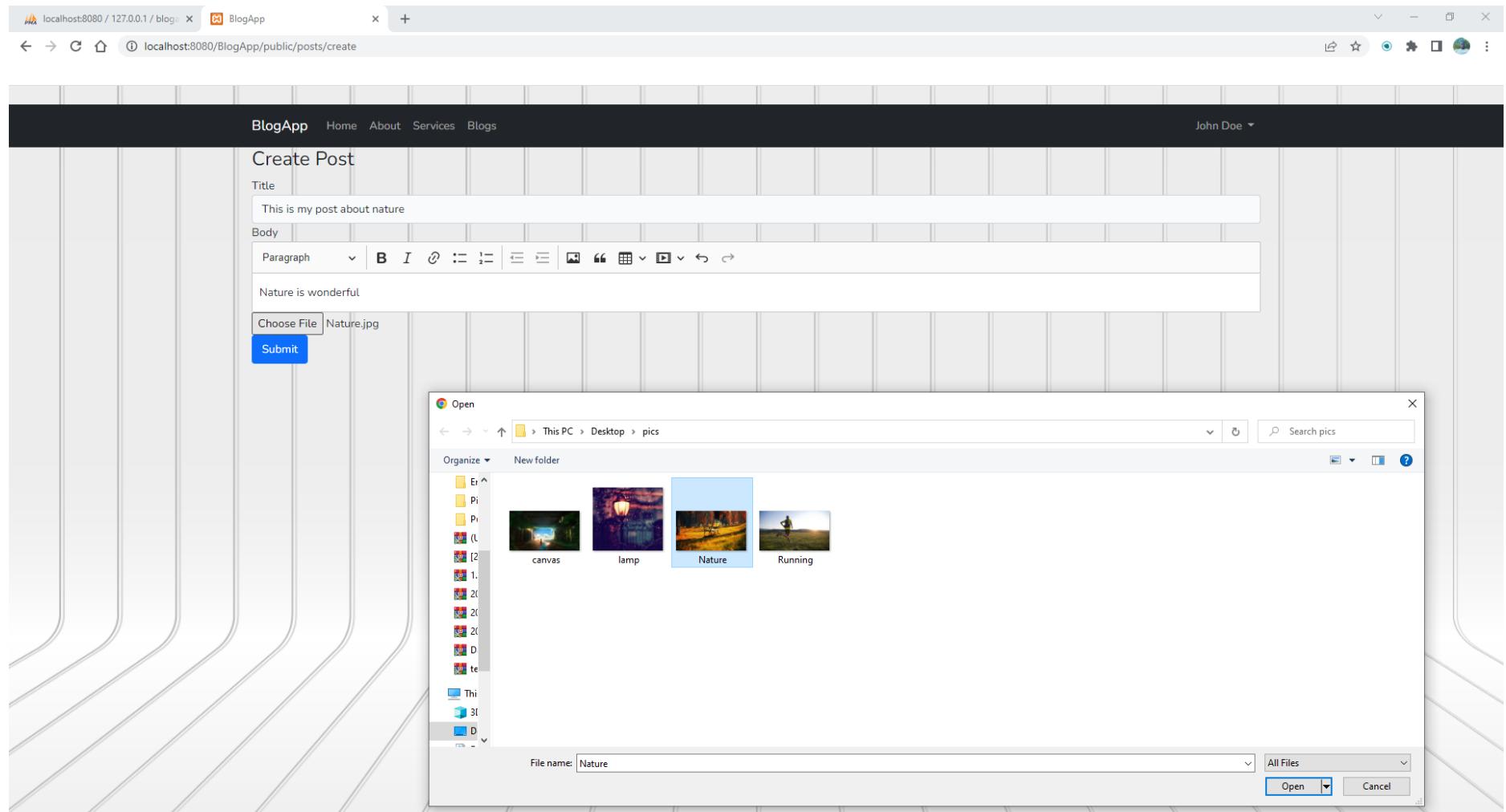
Screenshot 22: Shows the successful registration of John Doe where they are directed to their dashboard where they currently have no posts.

The screenshot shows the phpMyAdmin interface for the "blogapp" database. The left sidebar lists tables: New, blogapp, New, failed\_jobs, migrations, password\_resets, personal\_access\_tokens, posts, users, information\_schema, mysql, performance\_schema, phpmyadmin, and test. The "users" table is selected. The main area displays the "users" table with two rows of data:

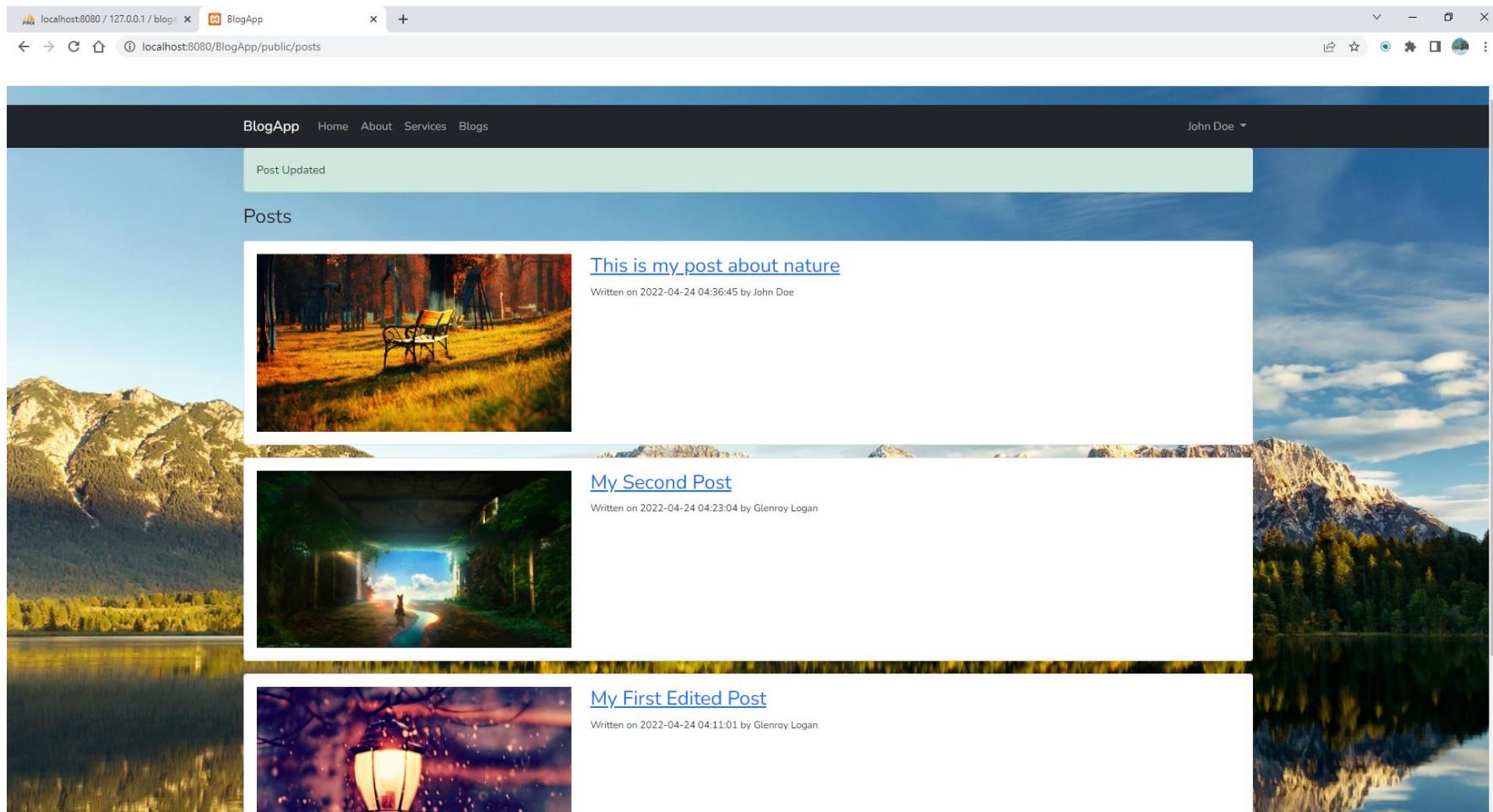
	id	name	email	email_verified_at	password	remember_token	created_at	updated_at
<input type="checkbox"/>	1	Glenroy Logan	glenloganx@gmail.com	NULL	\$2y\$10\$D0Mcn0T.S03XW6Jmm1zvu5xo8RA0McdpUXblkGG4Q... NULL	NULL	2022-04-24 04:03:50	2022-04-24 04:03:50
<input type="checkbox"/>	2	John Doe	johndoe@gmail.com	NULL	\$2y\$10\$yHs2thlux4gkdkg7JK7k5Oeuwz3ZtKioGVV7Kl2I184... NULL	NULL	2022-04-24 04:26:15	2022-04-24 04:26:15

Below the table, there are buttons for "Check all", "With selected:", "Edit", "Copy", "Delete", and "Export". The "Query results operations" section includes "Print", "Copy to clipboard", "Export", "Display chart", and "Create view". A "Bookmark this SQL query" section allows labeling the query and granting access to all users.

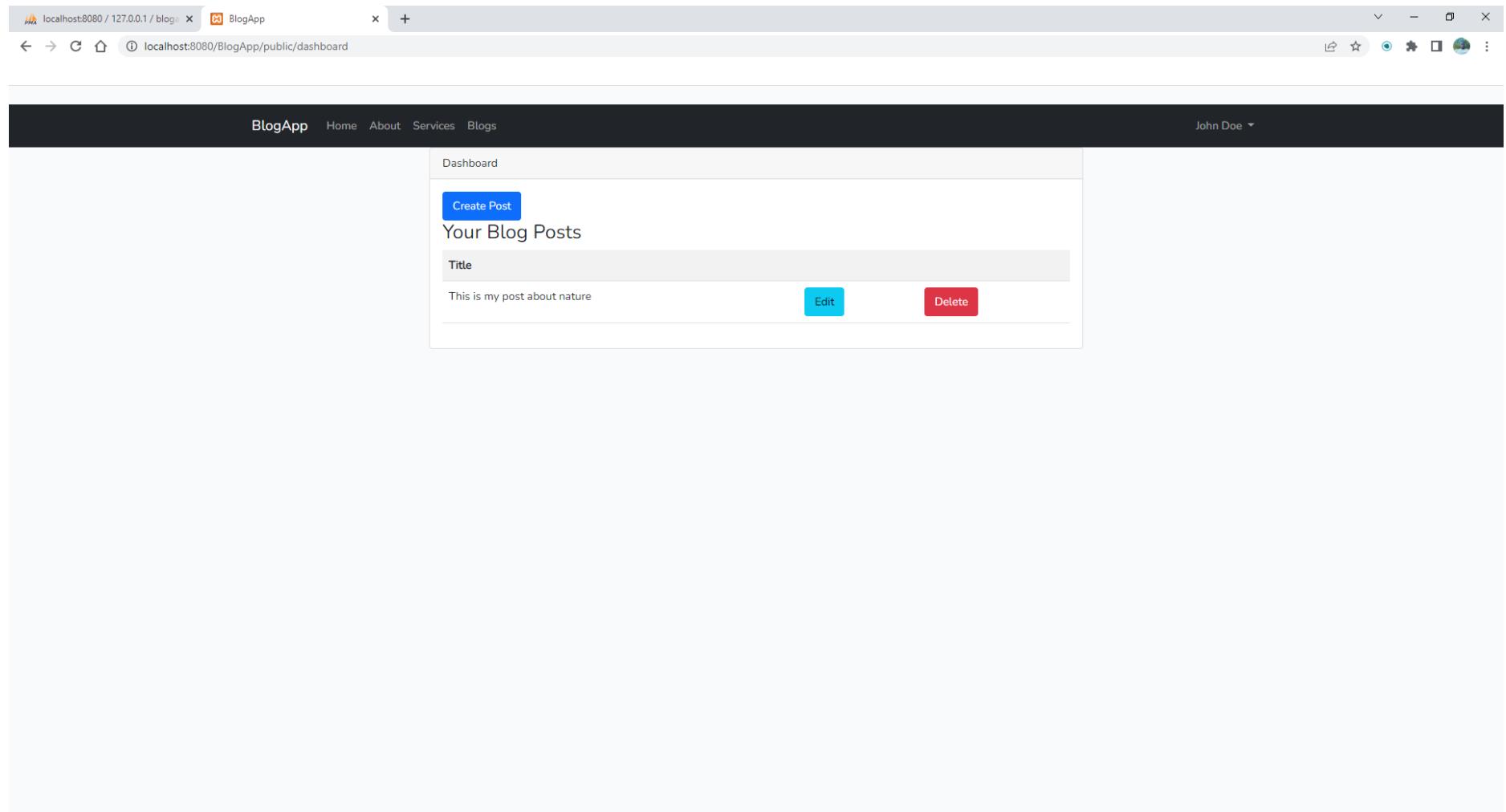
Screenshot 23: Shows in the users table of the “blogapp” database, the successful registration of John Doe who is now ID number 2 in the database.



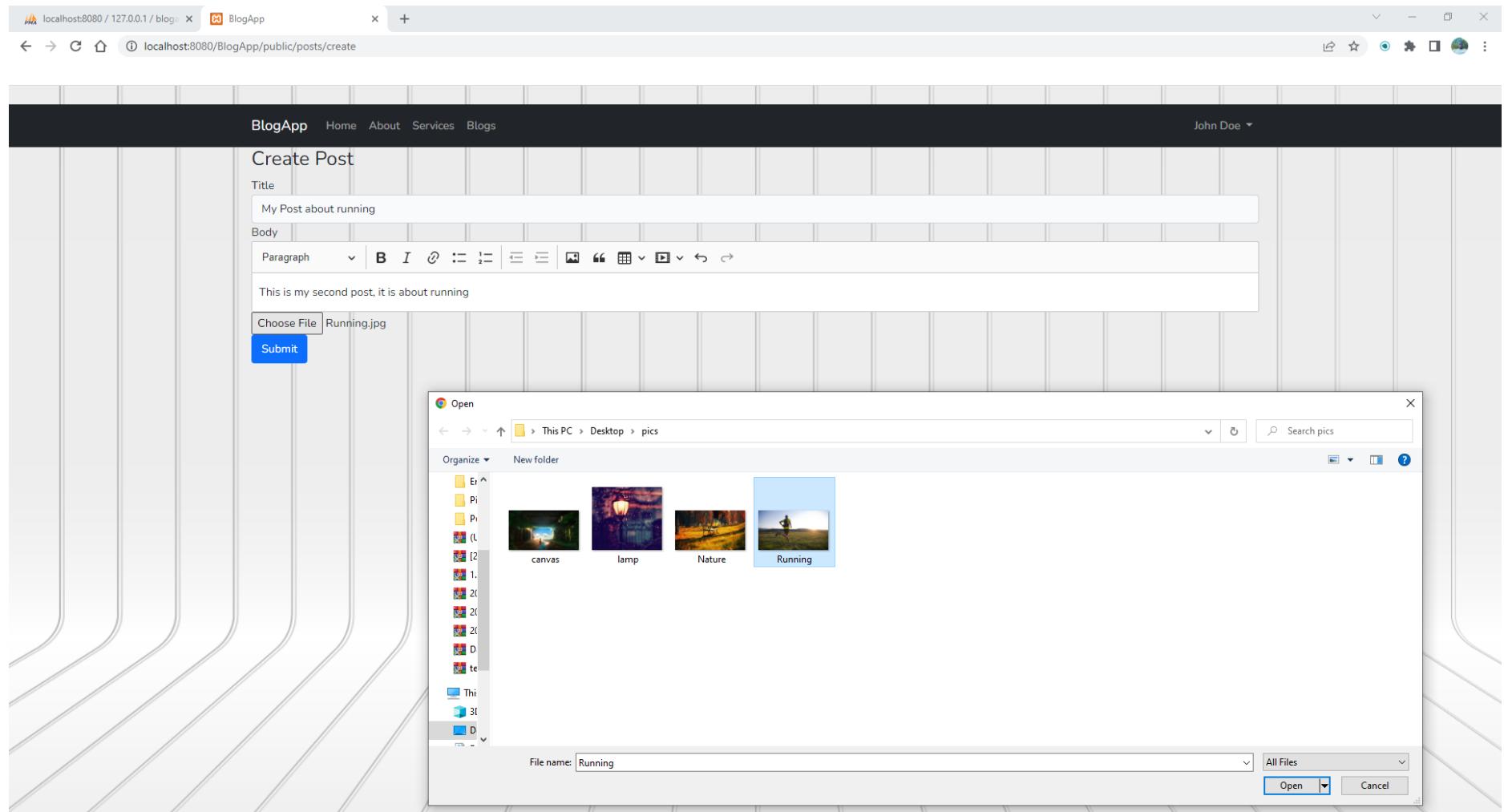
Screenshot 24: Shows John Doe making their first post about nature and uploading the photo that will be used as the thumbnail.



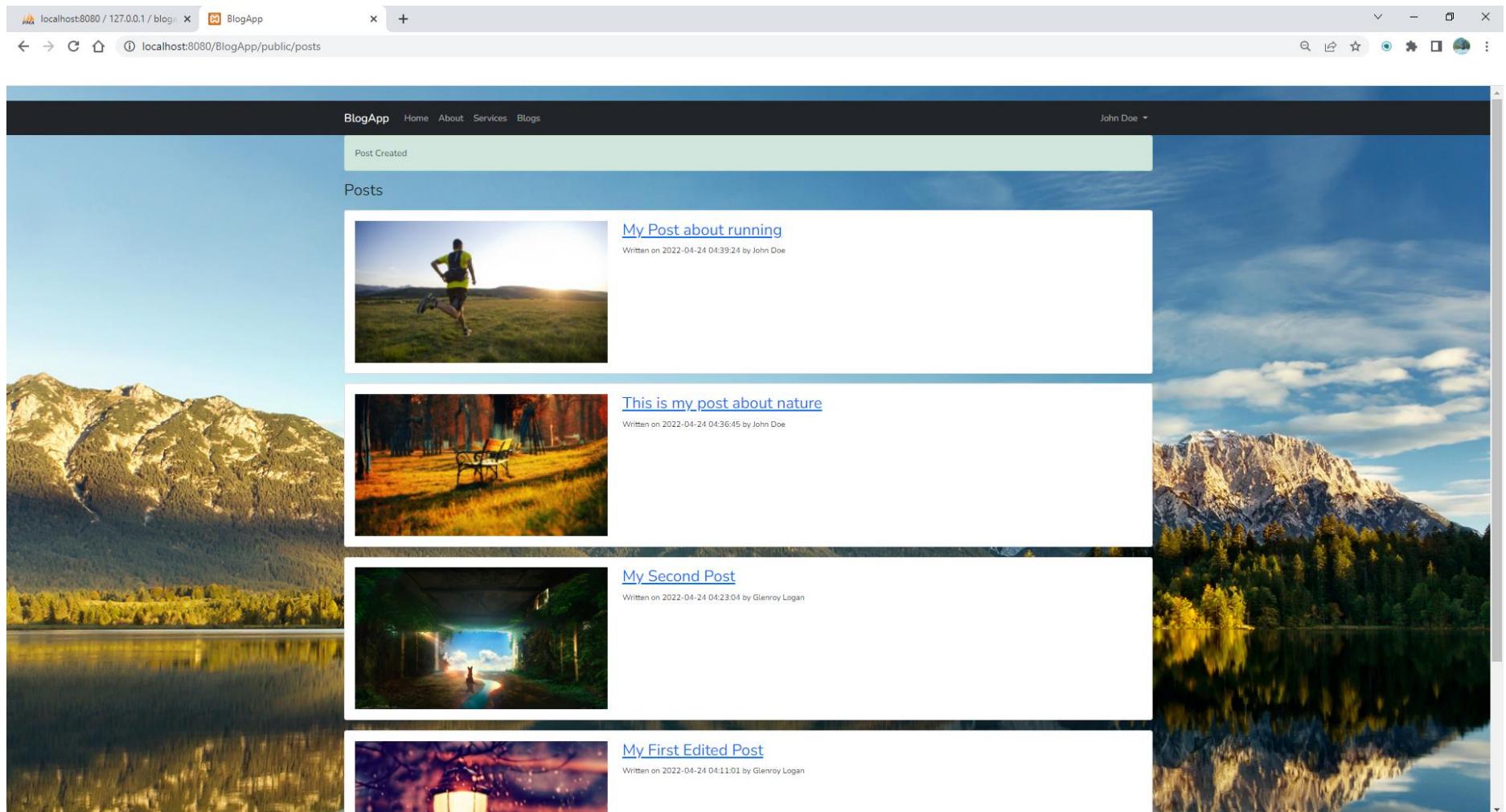
Screenshot 25: The successful creation of John Doe's first post being displayed at the top alongside Glenroy's Blog posts, as all posts are displayed in the blogs area of the website. John Doe can only edit his own blog posts and the same applies to Glenroy so as to ensure access control over the posts being created by the different users of the website.



Screenshot 26: Shows the dashboard of John Doe where their blog post that they have written is located.



Screenshot 27: Shows John Doe creating a second blog post about running and is uploading a photo for that particular blog post



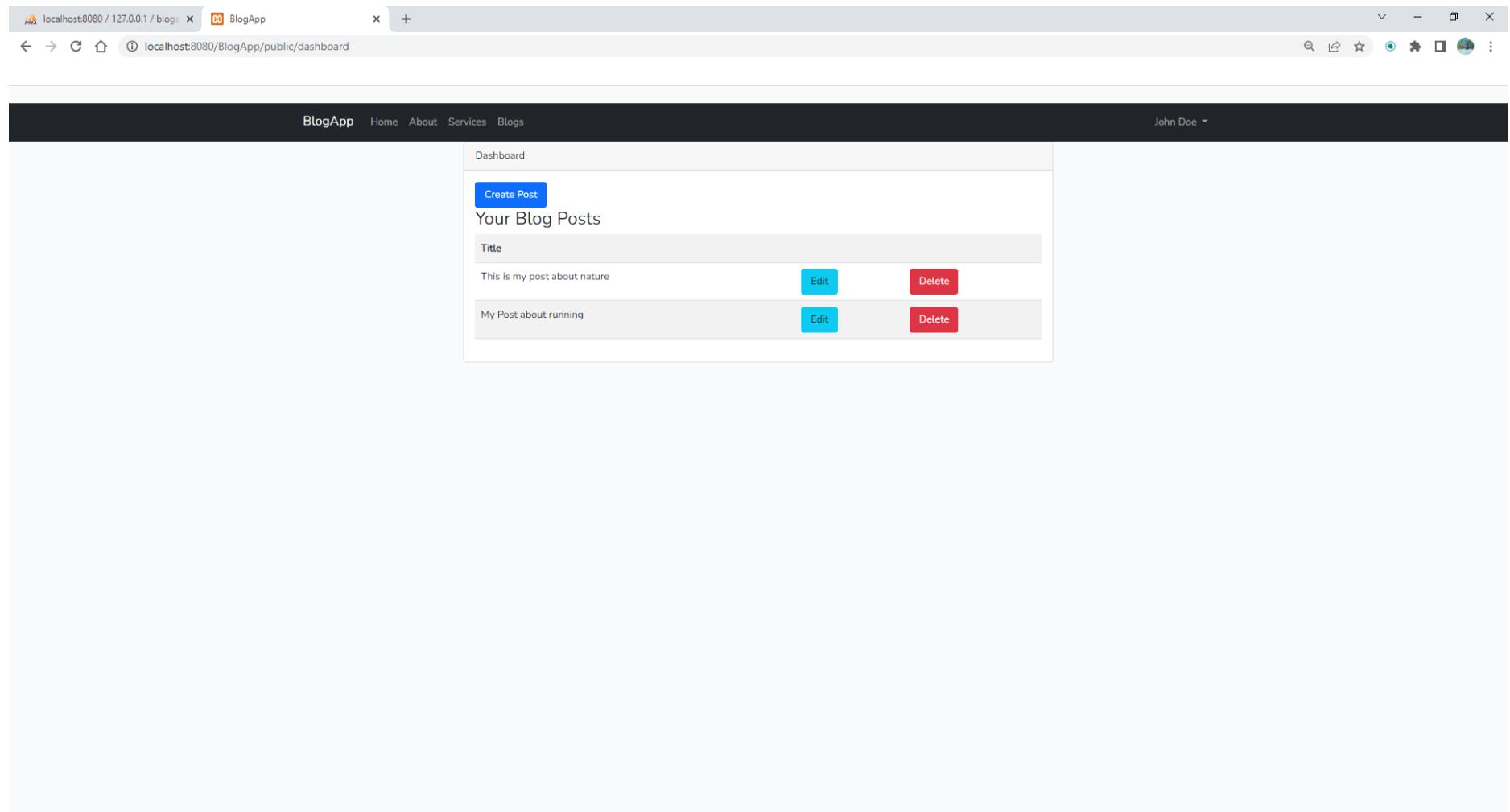
Screenshot 28: John Doe's blog post about running has been successfully created and added to the blogs section of the website.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'blogapp'. The left sidebar lists various databases and their tables, including 'posts' under the 'blogapp' database. The main area displays the contents of the 'posts' table. The table has columns: id, title, body, created\_at, updated\_at, user\_id, and cover\_image. There are four rows of data:

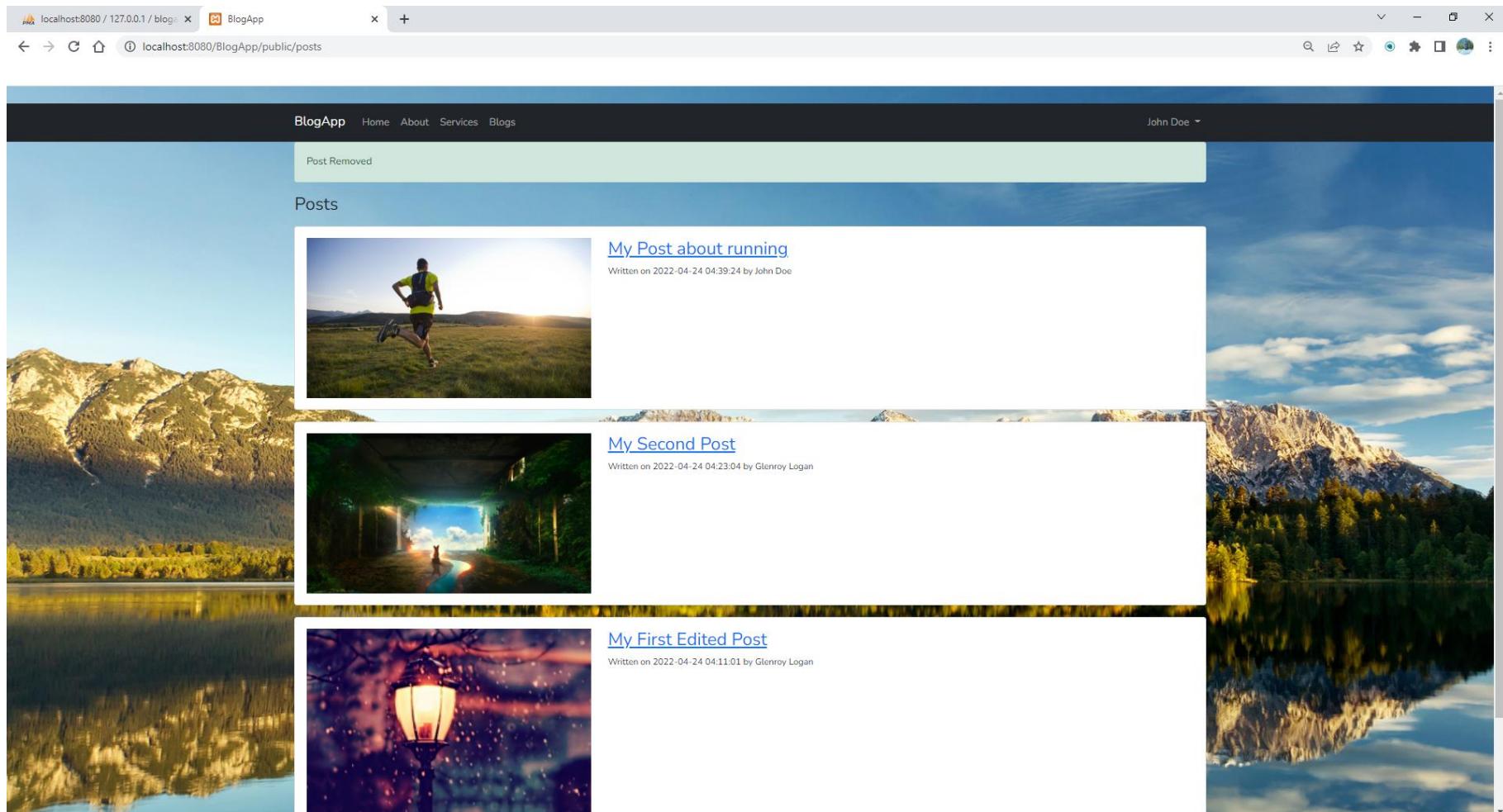
	id	title	body	created_at	updated_at	user_id	cover_image
<input type="checkbox"/>	1	My First Edited Post	<p><strong>This is my first edited Post</strong></p>	2022-04-24 04:11:01	2022-04-24 04:18:11	1	lamp_1650773460.jpg
<input type="checkbox"/>	2	My Second Post	<p>This is my second post</p>	2022-04-24 04:23:04	2022-04-24 04:23:16	1	canvas_1650774196.jpg
<input type="checkbox"/>	3	This is my post about nature	<p>Nature is wonderful!</p>	2022-04-24 04:36:45	2022-04-24 04:36:57	2	Nature_1650775017.jpg
<input type="checkbox"/>	4	My Post about running	<p>This is my second post, it is about running!</p>	2022-04-24 04:39:24	2022-04-24 04:39:24	2	Running_1650775164.jpg

Below the table, there are buttons for 'Edit', 'Copy', and 'Delete' for each row. The 'Query results operations' section includes links for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. There are also 'Bookmark this SQL query' buttons.

Screenshot 29: Shows all 4 blog posts that have been created being stored in the post table (2 from glenroy and 2 from john doe )in the “blogapp database”.



Screenshot 30: Shows John Doe's two blog posts in his dashboard area, where he will then try to delete his first post about nature.



Screenshot 31: Only now shows 3 blog posts instead of 4 as John Doe's blog posts about nature has now been deleted now leaving only 3 blog posts on the website.

The screenshot shows the phpMyAdmin interface for a database named 'blogapp'. The left sidebar lists tables: blogapp, failed\_jobs, migrations, password\_resets, personal\_access\_tokens, posts, users, information\_schema, mysql, performance\_schema, phpmyadmin, and test. The 'posts' table is selected, and its data is displayed in a grid. The grid shows three rows of data:

	id	title	body	created_at	updated_at	user_id	cover_image
<input type="checkbox"/>	1	My First Edited Post	<p><strong>This is my first edited Post</strong></p>	2022-04-24 04:11:01	2022-04-24 04:18:11	1	lamp_1650773460.jpg
<input type="checkbox"/>	2	My Second Post	<p>This is my second post</p>	2022-04-24 04:23:04	2022-04-24 04:23:16	1	canvas_1650774196.jpg
<input type="checkbox"/>	4	My Post about running	<p>This is my second post, it is about running</p>	2022-04-24 04:39:24	2022-04-24 04:39:24	2	Running_1650775164.jpg

Below the table, there are buttons for 'Edit', 'Copy', 'Delete', and 'Export'. The 'Query results operations' section includes 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view' buttons. A 'Bookmark this SQL query' section allows labeling the query and letting every user access it.

Screenshot 32: Shows 3 blog posts in the database instead of 4, John Doe's post about nature (which was ID #3 in the database) is no longer in the database.