

Blog-liftoff

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Description

Blog is a web application that allows users to create and manage their blog posts and sharing their travel experiences to others.



Idea

I decided to make this project because I am passionate about traveling and I want to share my experiences of the amazing places I have travelled. This is the place for users to share their travel experiences.



Features

- Users registration and log in
- Users can create, edit and delete their blog posts
- Create comment on each post



Planning - User Stories

- Users are able to creating an account, log in to the site
- Once logged in, users may:
 - View all their blog posts.
 - Create a new blog with: title, content (once created date will be auto generated).
 - Edit and delete their blog posts (once you have finished editing the date will be auto generated).
- Everyone can view list of blog posts and comment on each post.



Planning – Database

Model classes/tables:

- **User** – represent a generic user with an account
- **Post** – has blog post details and a list of comments (via a join table)
- **Comment** – comments linked to **Post** in many-to-one relationship



Technology Stack

- Java 8
- Spring Boot with Thymeleaf templates
- Bootstrap (version 4)
- MySQL



Demo



Registration

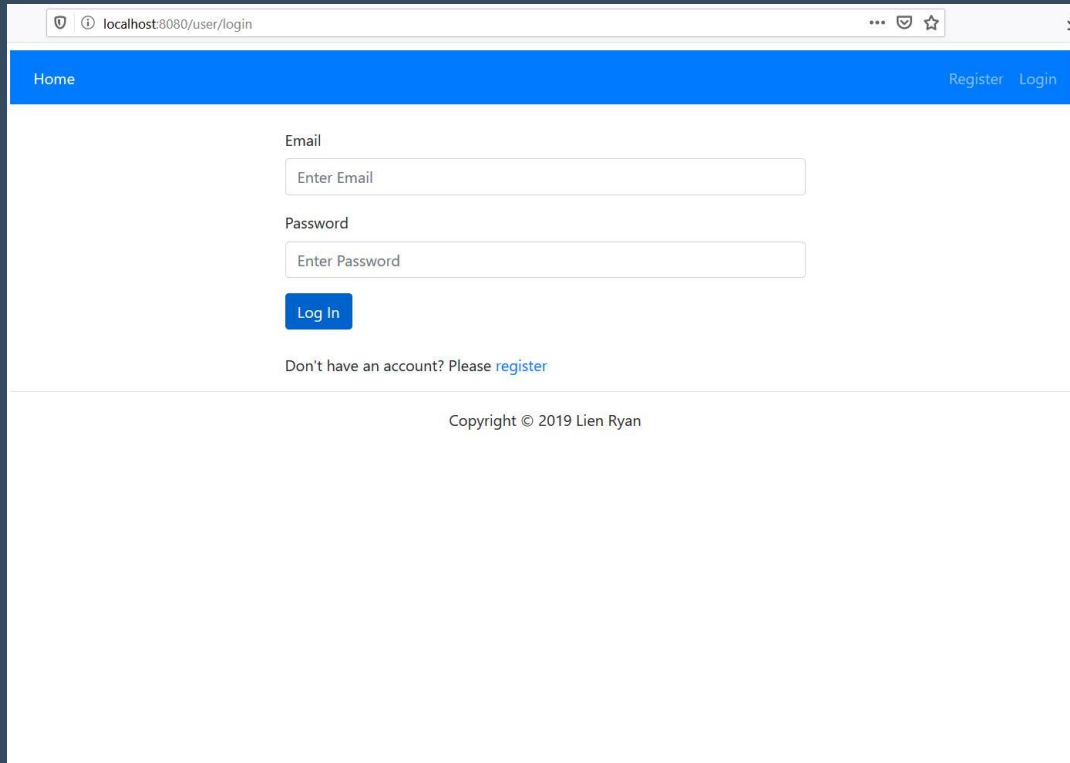
The screenshot displays a web browser window with the address bar showing `localhost:8080/user/register`. The page has a blue header bar with a "Home" link on the left and "Register" and "Login" links on the right. The main content area is white and contains a registration form with the following elements:

- User Name:** A text input field with the placeholder text "Enter Username".
- Email:** A text input field with the placeholder text "Enter Email".
- Password:** A text input field with the placeholder text "Enter Password".
- Verify Password:** A text input field with the placeholder text "Enter Password to verify".
- Register User:** A blue button with white text located below the password verification field.

At the bottom of the page, centered, is the copyright notice: "Copyright © 2019 Lien Ryan".



Login



localhost:8080/user/login

Home Register Login

Email

Password

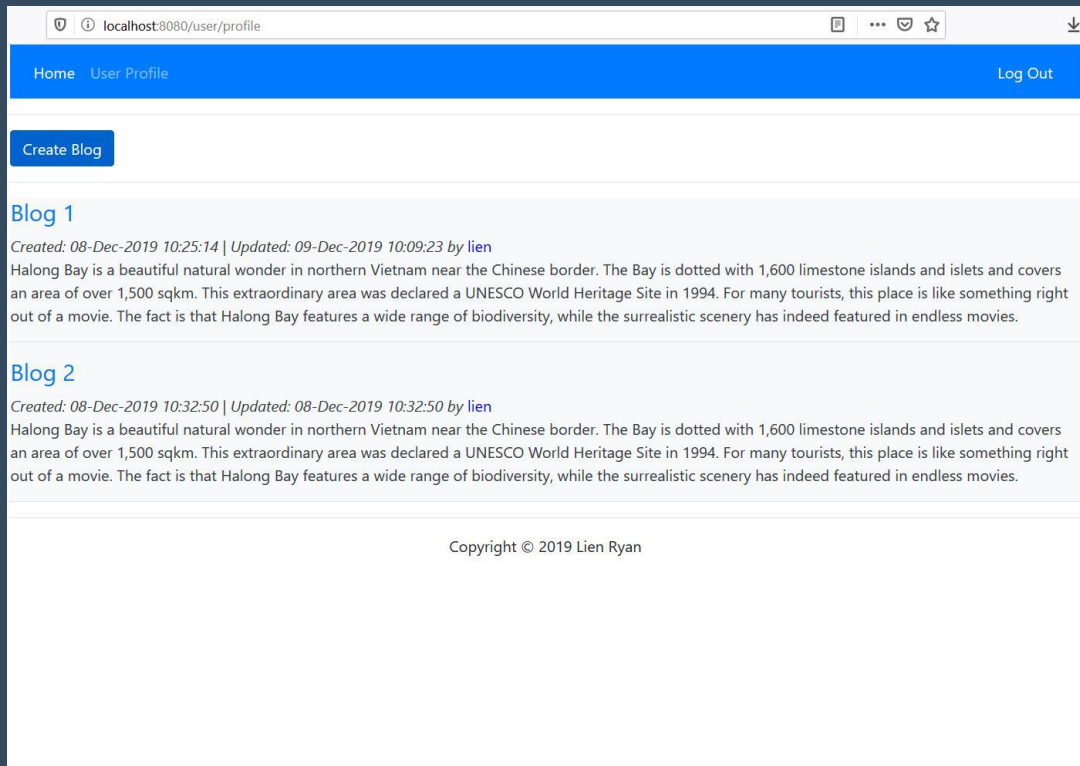
Log In

Don't have an account? Please [register](#)

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User Profile



Create Blog

localhost:8080/posts/create

Home User Profile Log Out

Blog Title

Title

Blog Content

Content

Submit Blog

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User Post Details

localhost:8080/posts/detail/221

HomeUser ProfileLog Out

Blog 1

Created: 08-Dec-2019 10:25:14 | Updated: 09-Dec-2019 10:09:23 by [lien](#)

Halong Bay is a beautiful natural wonder in northern Vietnam near the Chinese border. The Bay is dotted with 1,600 limestone islands and islets and covers an area of over 1,500 sqkm. This extraordinary area was declared a UNESCO World Heritage Site in 1994. For many tourists, this place is like something right out of a movie. The fact is that Halong Bay features a wide range of biodiversity, while the surrealistic scenery has indeed featured in endless movies.

Delete BlogEdit Post

Comment

Comments:

Halong Bay is an amazing place!

[Ryan](#) Posted on 08-Dec-2019 10:27:33

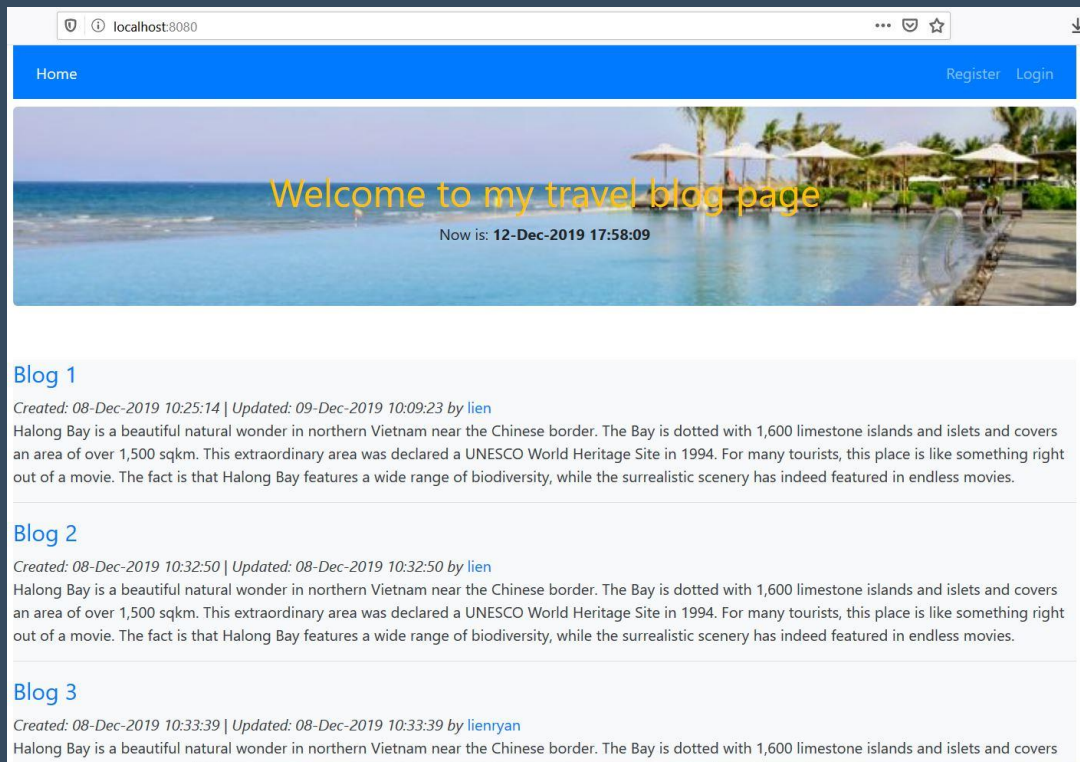
The best way to get to Halong City is by car, minibus or bus from Hanoi which is only 170km away. If budget is not a problem, an hour-long helicopter transfer is also available.

[Kevin](#) Posted on 08-Dec-2019 10:31:24

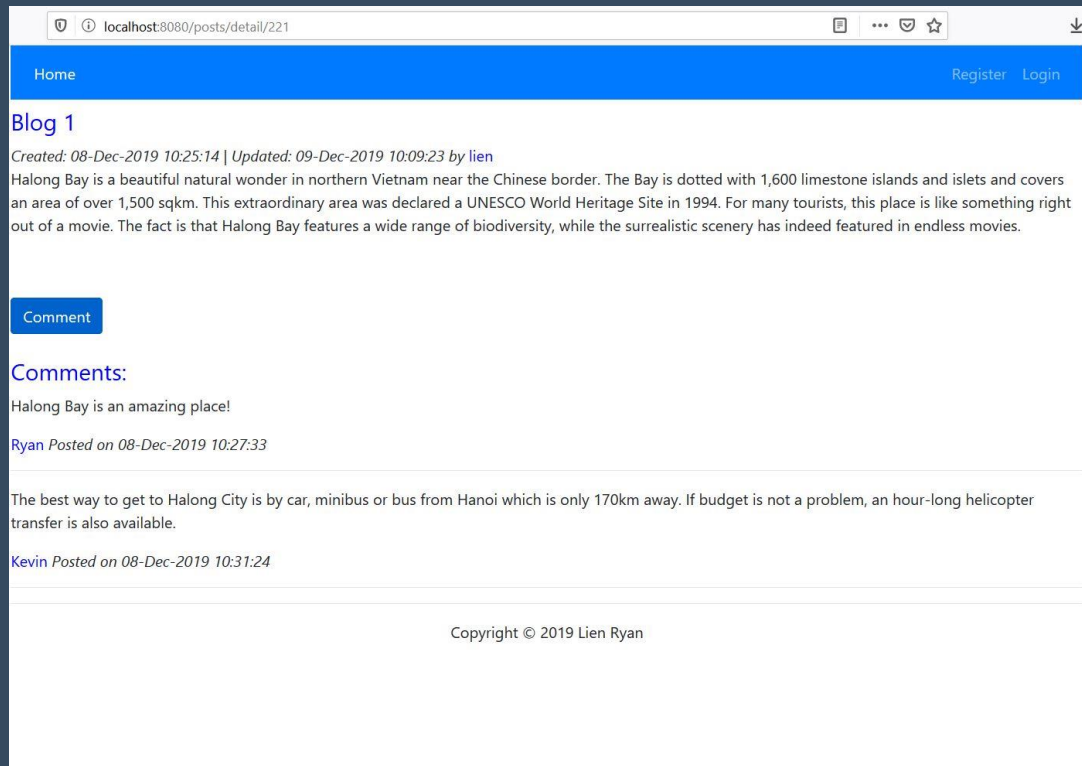
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Blog List



Comment



Create Comment

The screenshot shows a web browser window with the address bar displaying `localhost:8080/comments/create/221`. The page has a blue header bar with navigation links [Home](#) and [User Profile](#), and a [Log Out](#) button on the right. The main content area contains two text input fields: one labeled 'Name' with placeholder text 'Your Name', and another labeled 'Comment' with placeholder text 'Your comment'. Below these fields is a blue button labeled 'Submit Comment'. At the bottom of the page, there is a footer that reads 'Copyright © 2019 Lien Ryan'.



What I Learned

- Spring Security
- Bootstrap version 4
- Better understanding of:
 - Java persistence
 - Spring Boot
 - Thymeleaf
 - Model View Control (MVC)



What's Next

- Role Admin can view a list of users
- List of posts is sorted so viewers can see newest post
- List of comments is sorted so viewers can see newest comments

