Course Project #2: Online Blog Site

Shu Xu, Yukun Zhou

Project Description:

This project is based on HTML, CSS, JavaScript, Express, MongoDB, and Node.js. We built a website application for users to record and share their life moments. This application mainly realizes the following features: a brief website introduction (a webpage), authentication (sign up, log in, log out), all-post page, personal homepage, blog editing.

To use the application, users should first create an account, then they can edit and manage all their blogs.

User Stories:

1. As a computer science student, Rick decides to practice his data structure and algorithms skills on LeetCode.com and prepare for tech interviews. There are more than 2000 problems on LeetCode and Rick decides to solve 2 or 3 problems per day. Using our application, Rick could write down his daily progress, skills learned from the problems, interesting topics etc. 3 months later, Rick has accumulated 100 LeetCode problems and his blogs contribute heavily when he looks back and prepare for his interviews.

2. Mary has a little cat Flora, and she likes to play with Flora. She uses our application as a cat space to record the growth of Flora and her interaction with the cat, which helps her keep those precious memories and record the health condition of Flora. When Mary takes Flora to the vet, she could provide the daily health condition information easily when she checks her blogs.

Functionality:

1. Sign in page, the user will be prompt to enter their User ID and password

Welcome to the Diary App!
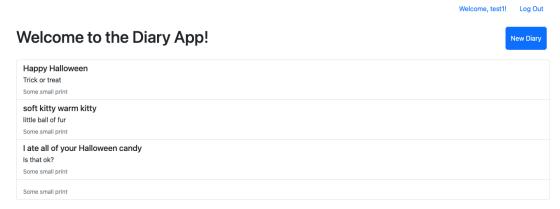
User ID

Password

Sign in

Not a member? Register

2. Create a user account, username and password and the key information, and users can also set their personal information, like personal image.

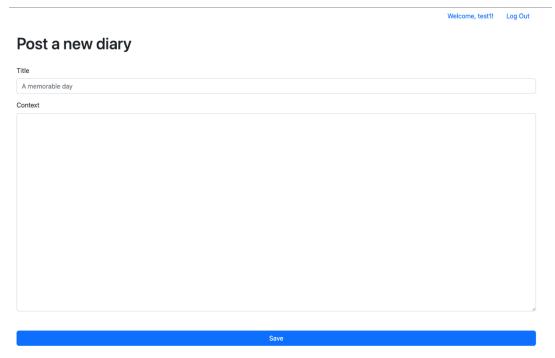### Create Account

User ID

Password

Sign Up

Already a member? Sign In

3. Each user will have a About me page, on which some information could be displayed as they want, like Locations and Hobbies

About me

User Name	test1
Location	california
Hobby	tiktok

Edit

4. Each user will have a blog page, which will display all the blogs of the user

Welcome to the Diary App!

New Diary

Happy Halloween
Trick or treat
Some small print

soft kitty warm kitty
little ball of fur
Some small print

I ate all of your Halloween candy
Is that ok?
Some small print

Some small print

5. there will be a new diary button, by clicking it, users could create a new post, and by clicking 'Save', that blog will be published.

Post a new diary

Title

A memorable day

Context

Save

6. There will be a 'edit' button as well as 'delete' button so that users could manage their posts

7. Each blog post will have its own page, this will be produced dynamically.

Happy Halloween

Trick or treat

Edit   Delete