My personal blog

Objectives

Primary: goals you are 100% committing to complete

- Have an administrator login page.
- Build subsystems for administrator to manage blogs. Administrator can add, edit, and delete posts and comments.
- Other users can view homepages of the blog.
- If users sign in, they can make comments under posts.

Secondary: goals you suspect you'll be able to complete

- Deploy the blog and host our remote MySQL database
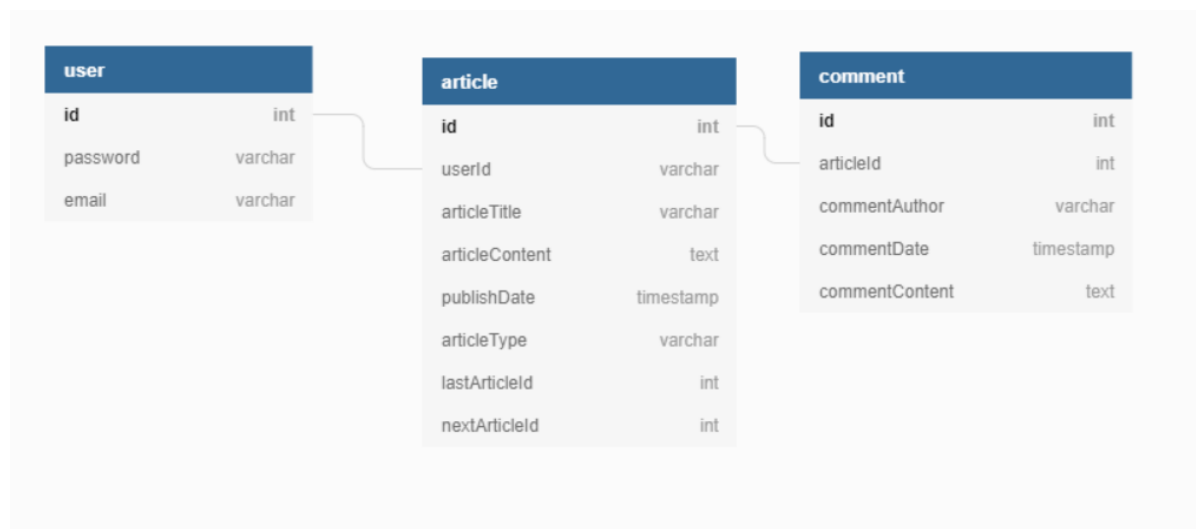- Add and manage types for articles.

Tertiary: dream goals that you'd like to complete, but are unlikely to get to

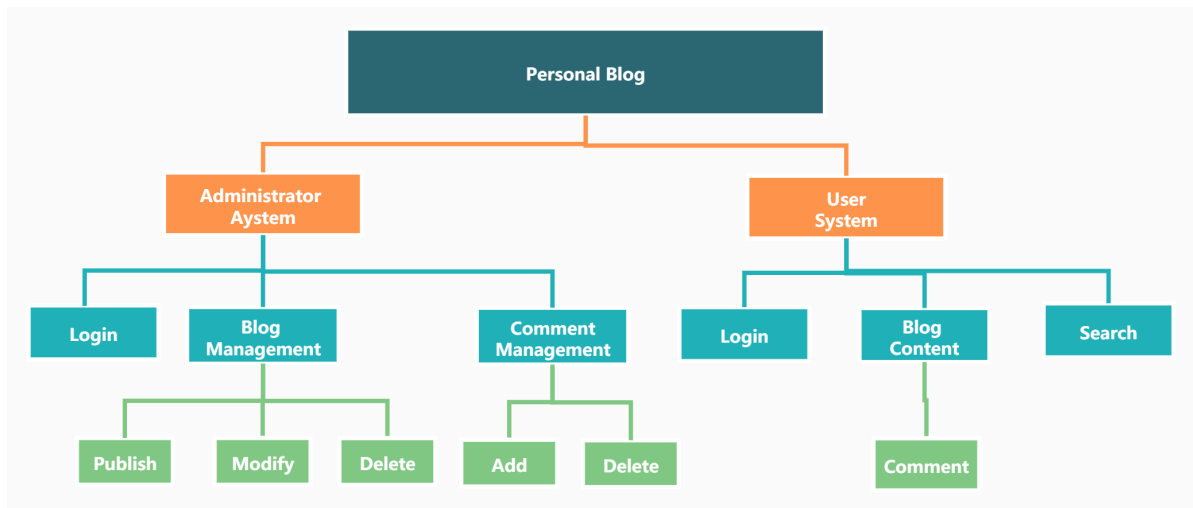- Add search functionality
- Provide a markdown editor

Tech Stack

- Spring Framework: web application framework
- Hibernate Framework: map java classes to **database** tables
- MySQL: database management/ RemoteMySQL service to host our remote MySQL database
- Spring Security: administrator login
- OAuth: user login
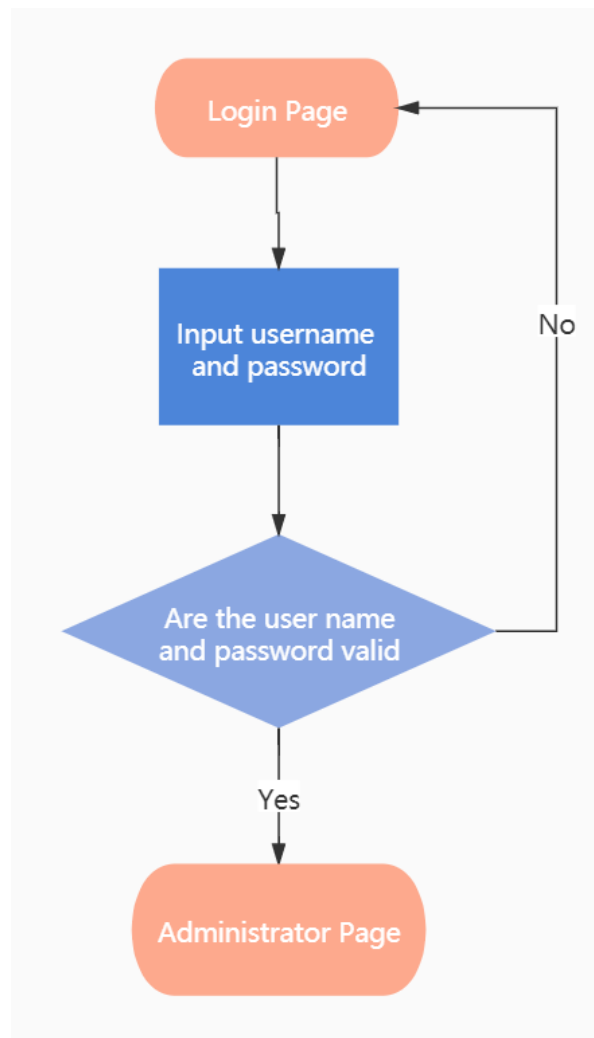- Thymeleaf: render our view
- Heroku: deployment

Database Design

Diagram

Module Design

Login

Administrator System

Home | Content Management | Comment management | @ username

Content.

Add Post

Article Name	Created Date	Comments	Operation
			Edit Delete View

User System

navigator

Home   Blogs   About Me | Login

Blogs

title 1

Synopsis

title 2

Synopsis

Testing Plan

Spring includes some Testing Utilities classes. I'll use unit testing of those classes before designing each component of the blog.