Introduction

This project implements a system allowing users to register, login, and post code snippets. Non-authenticated users can view all content but cannot post, edit, or comment. The system uses a MongoDB database for data storage. This document provides technology choices, installation guidelines, and a user manual.

Technology Choices

The project is built using the MERN stack, comprising MongoDB, Express.js, React, and Node.js. MongoDB is used for the database to store user and post data. Express.js and Node.js create the backend server. React is used for the frontend development to provide a responsive user interface.

Installation Guidelines

1. Clone the repository from GitHub.
2. Navigate to the project directory and run 'npm install' to install dependencies.
3. Start the MongoDB server.
4. Run 'npm start' in the backend directory to start the Node.js server.
5. Run 'npm start' in the frontend directory to start the React application.
6. The application will be accessible at http://localhost:3000/.

User Manual

Users can register and login through the user interface. Once logged in, users can post new code snippets and comment on existing posts. Non-authenticated users can view all posts and comments. The interface provides options for navigating through posts, adding comments, and managing user profiles.
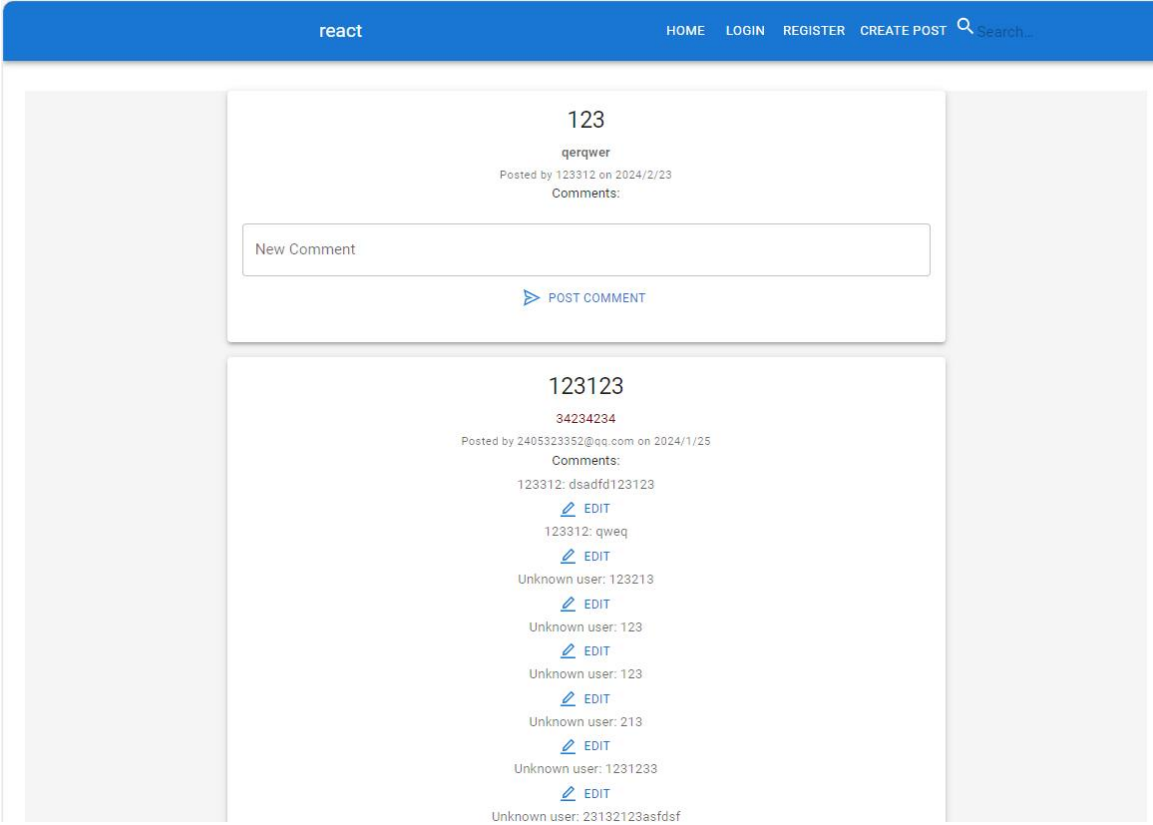
Features Implemented

Feature	Max points
Basic features (as stated in the previous chapter) with well written documentation	25
Users can edit their own comments/posts	4

Utilization of a frontside framework, such as React, but you can also use Angular, Vue or some other	5

Use some highlight library for the code snippets, for example https://highlightjs.org/   2

Use of a pager when there is more than 10 posts available	2
Admin account with rights to edit all the post and comments and delete content (if a post is removed, all its comments should be removed too)	3
Test software for accessibility; can it be used only with keyboard / voice command? Can screen readers work with your application?	3
Provide a search that can filter out only those messages that have the searched keyword	2
Last edited timestamp is stored and shown with posts/comments	2

Create Account

Username *
316512250@qq.com

Email Address *

Password *

Admin Code (Optional)

REGISTER

Create a New Post

Title

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UPLOAD IMAGE

SUBMIT POST