Assignment : Create an Advanced Blog Application with Next.js, React, and User Authentication

Objective: Build a full-featured blog application that allows users to view a list of blog posts, read individual blog posts, create new blog posts, and interact with the content using Next.js and React.

Requirements:
1. Create a new Next.js project using create-next-app and set up a basic file structure.
2. Introduce user roles (e.g., admin, author, and reader). Admins can edit or delete any blog post. Authors can edit or delete only their own blog posts. Readers can only view blog posts.
3. Implement the following pages and components:
   a. **HomePage**: Display a paginated list of blog posts with their titles and a short excerpt of their content. Each blog post should be clickable and navigate to its individual post page.
   b. **PostPage**: Display the full content of an individual blog post, including its title, content, and associated comments. Allow users to leave comments on the blog post.
   c. **CreatePostPage**: Display a form allowing users to create a new blog post. The form should include fields for the post's title, content, and an optional image upload. Use a rich text editor like Quill or Draft.js for the content field.
4. Use React hooks and functional components throughout the application.
5. Implement server-side rendering (SSR) for the HomePage and PostPage using Next.js's getServerSideProps function to fetch blog posts and individual post data, respectively.
6. Add search functionality to allow users to search for blog posts by title or content.
7. Add basic CSS styling to make the application visually appealing and user-friendly.
8. Implement client-side form validation for the CreatePostPage and comment forms.

Deliverables:
1. A GitHub repository containing the source code for the advanced blog application.

2. A README file that explains how to run the application locally and includes a brief description of the project, its structure, and its features.