**Blogs and Comment Management System Documentation**

**Introduction**

The Blogs and Comment Management System is a web application built using Node.js, Express.js, Sequelize ORM, and MySQL. It provides a robust platform for managing blogs and moderating user comments. This documentation outlines the system's features, installation instructions, and usage guidelines.

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**System Requirements**

To successfully install and run the Blogs and Comment Management System, ensure that the following requirements are met:

Node.js (version 12 or higher)

NPM (Node Package Manager)

MySQL (version 5.7 or higher)

**Installation**

* Follow the steps below to install the Blogs and Comment Management System:
* Unzip the project ***.zip*** file from the desired source.
* Open a terminal and navigate to the project directory.
* Run ***npm install*** to install the project dependencies.
* Create a MySQL database for the application.
* Update the database configuration settings in the ***config/config.json*** file.
* Run the application using the command ***npm start***.
* Access the application in a web browser using the specified URL.

**Blog Management**

* Users can create multiple blog posts.
* Blog post must have a title and a description.
* Blog post - title field can only contain letters (A-Z or a-z)

**Comment Moderation**

* User can make multiple comments on any post.
* Comment must always need to be posted to a blog post only. There cannot be a comment without a post id attached to it.
* Comment must have a text content/ description. An empty comment cannot be posted to a blog post.
* Store the comments for each post. The comments posted for a blog post can only be seen on that post.

**Security Considerations**

* Implement user authentication and authorization to control access to system functionality.
* Sanitize user input to prevent SQL injection and other security vulnerabilities.
* User can access the system using by username and password.

**Troubleshooting**

If you encounter any issues while installing or using the system, follow these troubleshooting steps:

* Check that all the system requirements are met.
* Verify the database configuration settings in the ***config/config.json*** file.
* Ensure that the MySQL database server is running.
* Check the console or log files for any error messages.

This concludes the documentation for the Blogs and Comment Management System built using Node.js, Express.js, Sequelize ORM, and MySQL.