**User Story**

AS A developer who writes about tech

I WANT a CMS-style blog site

SO THAT I can publish articles, blog posts, and my thoughts and opinions

**Acceptance Criteria**

GIVEN a CMS-style blog site

WHEN I visit the site for the first time

THEN I am presented with the homepage, which includes existing blog posts if any have been posted; navigation links for the homepage and the dashboard; and the option to log in

WHEN I click on the homepage option

THEN I am taken to the homepage

WHEN I click on any other links in the navigation

THEN I am prompted to either sign up or sign in

WHEN I choose to sign up

THEN I am prompted to create a username and password

WHEN I click on the sign-up button

THEN my user credentials are saved and I am logged into the site

WHEN I revisit the site at a later time and choose to sign in

THEN I am prompted to enter my username and password

WHEN I am signed in to the site

THEN I see navigation links for the homepage, the dashboard, and the option to log out

WHEN I click on the homepage option in the navigation

THEN I am taken to the homepage and presented with existing blog posts that include the post title and the date created

WHEN I click on an existing blog post

THEN I am presented with the post title, contents, post creator’s username, and date created for that post and have the option to leave a comment

WHEN I enter a comment and click on the submit button while signed in

THEN the comment is saved and the post is updated to display the comment, the comment creator’s username, and the date created

WHEN I click on the dashboard option in the navigation

THEN I am taken to the dashboard and presented with any blog posts I have already created and the option to add a new blog post

WHEN I click on the button to add a new blog post

THEN I am prompted to enter both a title and contents for my blog post

WHEN I click on the button to create a new blog post

THEN the title and contents of my post are saved and I am taken back to an updated dashboard with my new blog post

WHEN I click on one of my existing posts in the dashboard

THEN I am able to delete or update my post and taken back to an updated dashboard

WHEN I click on the logout option in the navigation

THEN I am signed out of the site

WHEN I am idle on the site for more than a set time

THEN I am able to view comments but I am prompted to log in again before I can add, update, or delete comments

Criteria

* Your application’s folder structure must follow the Model-View-Controller paradigm.
* You’ll need to use the [express-handlebars (Links to an external site.)](https://www.npmjs.com/package/express-handlebars) package to use Handlebars.js for your Views
* Use the [MySQL2 (Links to an external site.)](https://www.npmjs.com/package/mysql2) and [Sequelize (Links to an external site.)](https://www.npmjs.com/package/sequelize" \t "_blank) packages to connect to a MySQL database for your Models
* Create an Express.js API for your Controllers.
* You’ll also need the [dotenv package (Links to an external site.)](https://www.npmjs.com/package/dotenv" \t "_blank) to use environment variables
* The [bcrypt package (Links to an external site.)](https://www.npmjs.com/package/bcrypt" \t "_blank) to hash passwords
* The [express-session (Links to an external site.)](https://www.npmjs.com/package/express-session) and [connect-session-sequelize (Links to an external site.)](https://www.npmjs.com/package/connect-session-sequelize) packages to add authentication.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

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Graphical user interface, application

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Graphical user interface, text, application, chat or text message

Description automatically generated

Graphical user interface, text, email

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Graphical user interface, text, application, email

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Graphical user interface, text, application

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Graphical user interface, text, application, email

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Graphical user interface, website

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Text

Description automatically generated

## Grading Requirements

This Challenge is graded based on the following criteria:

### Technical Acceptance Criteria: 40%

* Satisfies all of the preceding acceptance criteria plus the following:
  + Application’s folder structure follows the Model-View-Controller paradigm.
  + Uses the [express-handlebars (Links to an external site.)](https://www.npmjs.com/package/express-handlebars) package to use Handlebars.js for your Views.
  + Application must be deployed to Heroku.

### Deployment: 32%

* Application deployed at live URL.
* Application loads with no errors.
* Application GitHub URL submitted.
* GitHub repository contains application code.

### Application Quality: 15%

* User experience is intuitive and easy to navigate.
* User interface style is clean and polished.
* Application resembles the mock-up functionality provided in the Challenge instructions.

### Repository Quality: 13%

* Repository has a unique name.
* Repository follows best practices for file structure and naming conventions.
* Repository follows best practices for class/id naming conventions, indentation, quality comments, etc.
* Repository contains multiple descriptive commit messages.
* Repository contains quality README file with description, screenshot, and link to deployed application.