**Documentation**

**Title: Simple Blogging Web App**

This is a simple web app project that can allow me to create simple inspiring and motivating stories or blogs which I can easily share to other people with the click of a button. It has the basic CRUD [Ceate, Read, Update and Delete] functionalities.

**How It Works**

1. First of all, you need to login to the web app with the predefined username and password which is admin and admin-pasword respectively.
2. You can navigate around the web app through the use of the navbar.
3. To create a blog post or story, navigate to the compose section of the navbar and click on compose.
4. Create the story or blog.
5. To view all created blogs or stories navigate to the blogs section.
6. You can delete or share a blog by tapping on their respective buttons.

**Further Description Of The Project**

Here, I would describe the technologies used and the process of making the project.

1. Starting from the **frontend side of the project** I made use of the **Bootstrap** framework to easily create beautiful and appealing designs as seen in the navbar and some of the buttons made, bootstrap is a library that was created by those at twitter to enable those working on projects create faster and nicer projects in no time. I also made use of the font-awesome library which helps out with beautiful icons so I wouldn't have to create mine from scratch as seen in the delete and share buttons.
2. Moving **on to the backend**. The backend part has a lot of technologies involved from the server side to the database side, for the server side of the backend I made use of express and Nodejs with an easy to work with framework for backend servers. Express and Nodejs are JavaScript based libraries. Using the EJS with is a type of view engine I used it to render the view of the frontend HTML elements so it’s values can be set and updated dynamically. And for the database I made use of MongoDB to store all the required data into a database.

**Logic**

As soon as you login with the predefined password you are redirected to the blogs route and the blogs content are rendered, when attempting to create a post once you hit the post button a post request is sent to the server together with the contents of you’ve typed in this is possible with the use of the required body-parser and express module.

If the post is authorized then the details are being stored into the MongoDB database with the use of the mongoose module which makes it easy to work with MongoDB driver. All the post contents can the be retrieved when rendering the blogs contents.

When you delete a post the database is updated with the changes that have been made. With the help of the MongoDB database or work can then persist.