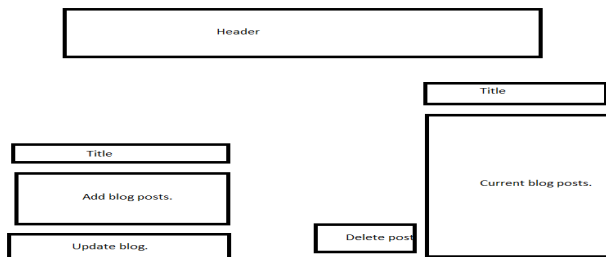# Coursework 2 Report

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1 Introduction
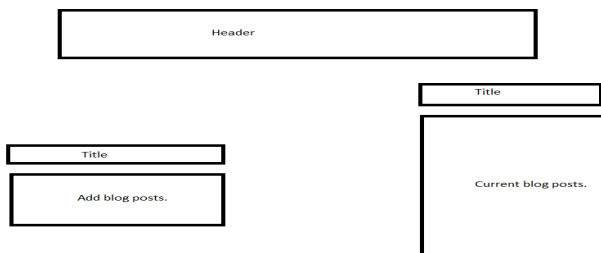
The website is to design and implement a blog platform combining both server and client side elements allowing users to create,read,update and delete blog posts using the user interface with the server storing the posts.

2 Software Design

The blog site will be made with node js, which allows you to use javascript as a server side language, express, a framework for building web applications with node js and mongodb, a database that i will use to store all of the blog posts. The blog page will have a cyan background with white text an example of the planned layout is shown in figure 1.0. Due to being unable to implement updating and deleting blog posts the website now has the plan shown in Figure 1.1.
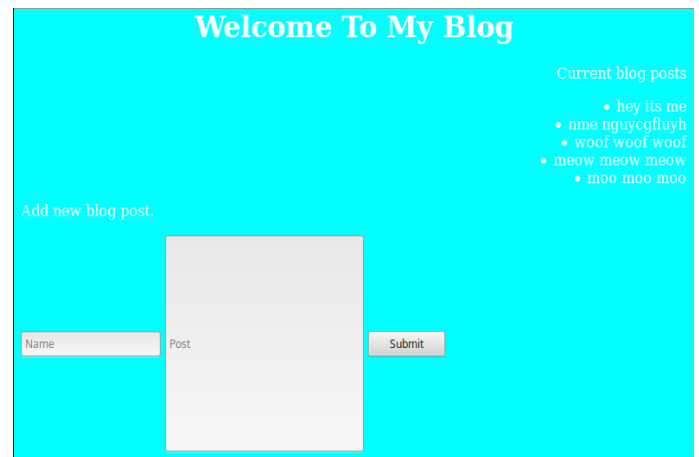

(figure 1.0) Planned layout of the blog page.

(figure 1.1) New planned layout of the blog page.

3 Implementation

With the help of a tutorial online (Liew, 2017), The site was implemented using node js, express, mongo db, css, javascript and html with the use of command line. Due to being unable to implement updating and deleting posts from the blog i revised the plan to the one shown earlier in figure 1.1. the resulting web page is shown below in figure 1.2.

(Figure 1.2) The active blog site.

4 Critical evaluation

The site was required to have a client element which utilizes the server side database and have a full working C.R.U.D interface my site only has the create and read parts of the interface but does have a working client user interface and database server. Other blog platforms allow multiple blogs that can be used by many people.

4.1 Improvements

Improvements that could be made are to have the ability to update and delete blog posts and to be able to have multiple different blogs on the site.

5 Personal evaluation

While doing this coursework i have learn't a basic understanding of node.js and further expanded my knowledge of javascript and html. I had never used node or mongodb before so it was a challenge i had to overcome. i feel i could have done more and would have liked to have added the update and delete functions

6 References

Liew, Z. (2017). Building a Simple CRUD Application with Express and MongoDB — Zell Liew. Retrieved April 9, 2018, from https://zellwk.com/blog/crud-express-mongodb/