CMPG 323 Project 2

Documentation

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Brief introduction to Project

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## Introduction

A digital marketing company from South Africa has a need for a web app where users can store, upload and share photos on an online platform. Users should be able to create an account or just simply log in. When logged in users should be able to see their own photos and the photos shared with them. They should also be able to manage the photos metadata. The user should be able to give access to other users. They can also have the option to download these photos to their local storage. The web application needs to be professional and easy-to-navigate.

## General system overview

##### When working with so many different type of technology stacks I decided to go with the stacks that I know best. I used Visual Studio code for all my HTML/CSS/JavaScript coding. It was easy to implement cloud host using Microsoft azure when hosting the website. For the database I used mySQL because it can so easily be implemented in Visual Studio code. When I need to make commits, I use Git for version control.

While doing this project I followed the MoSCoW prioritization. Must have, Should have, Could have and Will not have. I paid more detail to the must have and should have. I only considered could have when I had the first two complete in my project.

ERD diagram

## 2.1Use of ERD

An entity-relationship diagram is essential for modelling data stored in a database. It is used as reference when making your own database in your system.

Figure 1‑: ERD.

Diagram, schematic

Description automatically generated

Use case diagram

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## Use of use case

Use case diagrams are used to describe high-level functions and the scope of the system. It generally identifies how actors and the system interact with each other.

Figure 2‑: Use Case Diagram.

Diagram, schematic

Description automatically generated

Flow diagrams

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## Why we use flow diagrams

It is used to identify essential steps. It helps you see the bigger picture of the project.

Figure 3‑: Flow diagram for Add.

Diagram

Description automatically generated

User how to guide

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## Guide

When opening the website the are two options. The first option is to log in when you have an account but if you don’t then you can create an account. At the login page you must enter your username and password to be able to log in. At the create account page you enter your username, email, password and confirm password. After all that it takes you to the main page where you will be able to manage your photos. Upload or delete them and even manage the metadata for each photo.

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Bibliography (TOC\_Heading)

<https://git-scm.com/doc>