**DOCUMENTATION**

**for the**

**PHOTO SHARING APP**

**Prepared by**

**Scaled Symmetry Software Solutions**

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**CMPG 323**

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1. Introduction

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## Background

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## General System Overview

### Technologies

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2. TEAM Dynamic

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## Introduction

## Function and roles

During this project, the primary roles of the members were as follows:

During the first stage of the project, DB Nel oversaw setting up the primary database and its relationships. This included the ERD diagram and its implementation. As we moved to the second stage of the project, he was the lead programmer in the layer of the project.

During the initial period of the project, GJ Oberholzer oversaw the project schedule, technology research and setup. During the first stage he oversaw the use-case model and determining how the program will flow. During the second stage he took lead in the data access layer of the application.

## Communication Tools

Discord was the primary tool used in communication during this project. This includes bi-weekly meetings, peer programming using screen sharing functions, bug reporting and general sharing of resources for research and project considerations.

## Work-pull system

GitHub is our primary source control service. The procedures used in ensuring fluid and effective management of code are as follows:

1. Using GitHub Desktop version when committing for easier full commits of the set directory. This program also enabled adding a description with the usual commit for when more information needs to be given on a particular commit.
2. A branch is created for each individual application layer. Committing to the main branch only ever happened after discussing it with the other member.
3. A network map was created to the project directory, so each member has the same local path ea. ‘Z/GalleryWebApp’.

## Breakdown of tasks

## Benefits of a team approach

## Challenges of a team approach

3. ERD DIAGRAM

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## ERD Diagram

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4. USE CASE DIAGRAM

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## Use Case Diagram

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5. Data FLOW DIAGRAM

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## Data Flow Diagram

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6. USER GUIDE

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## Heading 2

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