**Software Engineering Group Coursework**

**BY**

**ABUBAKAR DIROW DIR21498683**

**LAMAR AKPOKAVIE-ALOLATE AKP21500118**

**CAMERON KERWICK KER21497424**

**VINDYA ASHOK ASH21509514**

Submitted to

**The University of Roehampton**

**Software Engineering Group Report**

**CMP020N204S**

**Abstract**

In this project we tasked with creating a system that allows easy access to population information. We were tasked with creating a website that stores the names of counties and cities and the population of said cities and country. The order of the list can be interchangeable between alphabetical and population order. Whilst working on this project we were part of a scrum team. Whilst working with this scrum team we also had to follow the scrum process. Processes that were followed are:

* Creating a product backlog
* Estimating the product backlog
* Planning the work to be done in each sprint
* Starting the work
* Check-each day
* End of sprint, review
* End of sprint, reflect
* Check velocity, return to 2

**ACKNOWLEDGEMENTS**

First and foremost, I would like to thank all the members in the scrum for their hard work and dedication to this project. They have worked extremely hard to make sure that the project criteria was achieved with minor setbacks and no delays as everything was delivered on time.

**Declaration**

I hereby certify that this report constitutes my own work, that where the language of others is used, quotation marks so indicate, and that appropriate credit is given where I have used the language, ideas, expressions, or writings of others. I declare that this report describes the original work that has not been previously presented for the award of any other degree of any other institution.

**ABUBAKAR DIROW DIR21498683**

**VINDYA ASHOK ASH21509514**

**CAMERON KERWICK KER21497424**

**LAMAR AKPOKAVIE-ALOLATE AKP21500118**

**Date: 24/04/2023**

**ABUBAKAR DIROW**

**VINDYA ASHOK**

**CAMERON KERWICK**

**LAMAR AKPOKAVIE-ALOLATE**

Table of Contents 1. Introduction..................................................................................................................................vii

Research Question or Problem that will be Addressed ....................................................................vii Aims..................................................................................................................................................vii Objectives.........................................................................................................................................vii

Legal, Social, Ethical and Professional Considerations......................................................................vii Background.......................................................................................................................................vii

Report overview ...............................................................................................................................vii

2. Literature or Technology Review................................................................................................viii

3. Design or Methodology.................................................................................................................ix

4. Implementation or Results............................................................................................................x Evaluation ...........................................................................................................................................x

Related Work ......................................................................................................................................x

5. Conclusion .....................................................................................................................................xi Reflection...........................................................................................................................................xi

Future Work.......................................................................................................................................xi

6. References....................................................................................................................................xii

7. Appendices..................................................................................................................................xiii

1. **Introduction**

The aim of this project is to create a website that stores the names and population all the countries in the world and displays them in order. The countries can be displayed in two different orders which are alphabetically or population size. The website should also