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| Coventry University  5011CEM Big Data Programming Project Specification Document  <Project Name> |

**Author: <Your Name>**

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**<date>**

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# Introduction

*< Identify and describe the problem this document will address. Include background information here.>*

# Project Requirements

*<Describe the project scope that addresses the business need or problem. Include high-level information on the solution>*

## Related documents

*<Add any related documentation that is relevant and related.>*

|  |  |  |
| --- | --- | --- |
| **Component** | **Name (with link to the document)** | **Description** |
|  |  |  |

## Terms/Acronyms and Definitions

*<State any terms and its definition that are described in the specifications. Include any acronyms that are mentioned in the document.>*

|  |  |  |
| --- | --- | --- |
| **Term/Acronym** | **Definition** | **Description** |
|  |  |  |

# Risks and Assumptions

*<For assumptions consider e.g. maximum and minimum screen resolutions if displaying data, data file format, data size, hardware specifications.*

*For risks consider, e.g. file corruption, data file changes in future, bugs in standard libraries, or algorithm code not written by you.>*

# Out of Scope

*<Describe anything that you specifically do not want to achieve, that may be part of the overall project.>*

# System/ Solution Overview

*<Provide a short description of the software and solution being specified and its purpose.>*

# Context Diagram/ Interface Diagram/ Data Flow Diagram, Application Screen Flow, Sitemap, Process Flow

*<Provide any appropriate graphical representations that are relevant to the system and project such as a context/interface/data flow diagram, application screen flow, site map, or process flow. Add as many as needed. Note: This will be a simple diagram at the start of your project, it is not a full code function and data flow diagram.>*

# Project Management

*<Describe how you will manage your project, consider things such as small steps for weekly achievement, planning around other aspects of your course, e.g. exams, VIVA etc. and don’t forget version control of your code! >*

# References

*List all references to external material used as background information or knowledge.>*

# Open Issues

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Issue ID** | **Issue** | **Raised By** | **Raised On** | **Solution/ Decision** | **Resolved By** | **Resolved On** | **Status** |
|  |  |  |  |  |  |  |  |

# Appendices