

CMSC 4900 Requirements Document Details

Due: Monday, October 20, 2025 11:59pm (Electronic to D2L Dropbox)

Length: A Word document at least 10 pages excluding title and evaluation pages, shared among team members

- be sensible about diagrams!

Tips:

- previews & questions are encouraged
- make sure each team member thoroughly checks & verifies all produced artifacts
- demonstrate basic research techniques (e.g., qualitative or quantitative) with appropriate research methods (e.g., case studies, surveys or observations)

Format:

- single-sided, double-spaced, 1" margin all sides
- Times Roman, 12 point
- figures labeled and referenced
- pages numbered and referenced in table of contents
- include references page as appropriate

Content:

Title Page

Blank page titled "Instructor Comments/Evaluation"

Table of Contents (detailed)

Abstract (one paragraph brief description of project and role of this document, i.e.,

Requirement)

Introduction

Background / overview of the project

Objective of project

Constituents / team details & dynamics

Application Domain

Project context

Glossary (as an appendix)

Initial Business Model (**use-case is not modules**)

Operational environment

Description of data sources

"Use case" UML diagrams **with description** (use ArgoUML <http://argouml.tigris.org/> , refer to Chapters 11&13 or requirement document samples for examples)

Initial Requirements (**requirements to your project, NOT project's requirements to**

users)

Functional

Nonfunctional

Documentation

Testing / Revisions

(evidence of...)

List of properly cited scholarly resources in APA format

Appendix: Technical Glossary

Appendix: Team Details

(workflow leader and description of each team members' contributions)

Appendix: Workflow Authentication

(individual dated signatures on testament statement)

Appendix: Report from the Writing Center