Capstone Project Final Report

Submitted to

Computer Science Department

College of Computing Sciences and Engineering

Kuwait University

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DATE OF SUBMISSION

**Acknowledgements**

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# Introduction and Background

*An overall description of the project, the motivations behind it, deliverables, and scope of the work.*

# User and System Requirements

*A completed set of user and system requirements covering functional and nonfunctional requirements and goals that cover all aspects of the developed product.*

# System Architecture

*Models of system architecture with clear semantics that capture the high level design of the system.*

# System Design Artifacts

*All the design decisions and models and artifacts reflecting the requirements and representing the code.*

# Modifications of the Original Plan (Optional)

*In case of change of directions, mention what changes made to the original plan including but not limited to requirements, design, models, schedules, etc.*

# Implementation Framework and Details

*Algorithms developed or used, coding decisions made, frameworks and the choice of operating systems, languages, and compilers.*

# Testing

* 1. Testing Plan
  2. Unit Test Cases
  3. Integration Tests
  4. Stress and Performance Tests
  5. Reliability Tests

*A rich documentation of the tests performed. Teams are welcome to add subsections for additional tests(if any).*

# Tools and Component Reuse

*Tools used throughout the project and the benefits of using them. A documentation of all code or design reuse.*

# Conclusions and Lessons Learned

*Final remarks on the project and technical lessons learned.*

# References

*A well-formed list of references according to writing standards.*

# Appendices

*Additional material such as screenshots, algorithms, etc.*