**Project Plan**

For Multiagent Control of Traffic Signals

Version 1.0

Submitted in partial fulfillment of the requirements of the degree of MSE

Bryan Nehl

CIS 895 – MSE Project

Kansas State University

Table of Contents

[1 Introduction 3](#_Toc304149955)

[1.1 References 3](#_Toc304149956)

[1.2 Terms 3](#_Toc304149957)

[2 Work Breakdown Structure 3](#_Toc304149958)

[2.1 Inception Phase 3](#_Toc304149959)

[2.2 Elaboration Phase 3](#_Toc304149960)

[2.3 Production Phase 3](#_Toc304149961)

[3 Cost Estimate 3](#_Toc304149962)

[3.1 Agile/Iterative 3](#_Toc304149963)

[4 Architecture Elaboration Plan 3](#_Toc304149964)

[4.1 Revise Vision Document 3](#_Toc304149965)

[4.2 Revise Project Plan 3](#_Toc304149966)

[4.3 Create Formal Specification 3](#_Toc304149967)

[4.4 Create Architectural Design 3](#_Toc304149968)

[4.5 Create Test Plan 3](#_Toc304149969)

[4.6 Conduct Technical Inspection 3](#_Toc304149970)

[4.7 Create Executable Architecture Prototype 3](#_Toc304149971)

# Introduction

This is the initial project plan for the Multiagent Control of Traffic Signals (MACTS) Masters of Software Engineering project.

## References

## Terms

# Work Breakdown Structure

## Inception Phase

## Elaboration Phase

## Production Phase

# Cost Estimate

## COCOMO 2.0

# Architecture Elaboration Plan

The following subsections detail the tasks that will be completed during the elaboration phase of the project.

## Revise Vision Document

## Revise Project Plan

## Create Formal Specification

## Create Architectural Design

## Create Test Plan

## Conduct Technical Inspection

## Create Executable Architecture Prototype