



Vehicle Intersection Control

McMASTER UNIVERSITY

Draft System Requirements

SE 4G06

GROUP 6

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Contents

Revisions	3
1 Project Drivers	4
1.1 The Purpose of the Project	4
1.2 The Client, the Customer, and Other Stakeholders	4
1.3 Users of the Product	4
2 Project Constraints	5
2.1 Mandated Constraints	5
2.2 Naming Conventions and Definitions	5
2.3 Relevant Facts and Assumptions	5
3 Functional Requirements	5
4 Nonfunctional Requirements	5
4.1 Look and Feel Requirements	5
4.2 Usability and Humanity Requirements	6
4.3 Performance Requirements	6
4.4 Precision Requirements	6
4.5 Operational an Environmental Requirements	7
4.6 Maintainability and Support Requirements	7
4.7 Security Requirements	7
4.8 Cultural and Political Requirements	8
4.9 Legal Requirements	8
5 Project Issues	8
5.1 Open Issues	8
5.2 Off-the-Shelf Solutions	8
5.3 New Problems	8
5.4 Migration to the New Product	8
5.5 Risks	8
5.6 Costs	9
5.7 User Documentation and Training	9
5.8 Waiting Room	9

List of Tables

1	VIC Table of Revisions	3
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Revisions

Date	Revision Number	Authors	Comments
November 7, 2016	Revision 0	Alex Jackson Jean Lucas Ferreira Justin Kapinski Matthew Hober Radhika Sharma Zachary Bazen	N/A

Table 1: VIC Table of Revisions

***** These headings to be double checked against template to ensure no topics missed *****

1 Project Drivers

1.1 The Purpose of the Project

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1.2 The Client, the Customer, and Other Stakeholders

1.2.1 Client

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1.2.2 Customer

Insert Text Here.

1.2.3 Stakeholders

Insert Text Here.

1.3 Users of the Product

Insert Text Here.

2 Project Constraints

2.1 Mandated Constraints

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2.2 Naming Conventions and Definitions

Insert Text Here.

2.3 Relevant Facts and Assumptions

Insert Text Here.

3 Functional Requirements

This section is taken from IEEE

VR-1: Requirement 1

VR-1: Requirement 2

VI-1: Controller Requirement 1

VI-1: Controller Requirement 2

TK-1: Track Requirement 1

TK-1: Track Requirement 2

4 Nonfunctional Requirements

4.1 Look and Feel Requirements

4.1.1 Appearance Requirements

Insert Text Here.

4.1.2 Style Requirements

Insert Text Here.

4.2 Usability and Humanity Requirements

4.2.1 Ease of Use Requirements

Insert Text Here.

4.2.2 Personalization and Internationalization Requirements

Insert Text Here.

4.2.3 Learning Requirements

Insert Text Here.

4.2.4 Understandability and Politeness Requirements

Insert Text Here.

4.2.5 Accessibility Requirements

Insert Text Here.

4.3 Performance Requirements

4.3.1 Speed Requirements

Insert Text Here.

4.3.2 Safety-Critical Requirements

Insert Text Here.

4.4 Precision Requirements

Insert Text Here.

4.4.1 Reliability or Availability Requirements

Insert Text Here.

4.4.2 Robustness or Fault-Tolerance Requirements

Insert Text Here.

4.4.3 Capacity Requirements

Insert Text Here.

4.4.4 Scalability or Extensibility Requirements

Insert Text Here.

4.4.5 Longevity Requirements

Insert Text Here.

4.5 Operational and Environmental Requirements**4.5.1 Expected Physical Environment**

Insert Text Here.

4.5.2 Requirements for Interacting with Adjacent Systems

Insert Text Here.

4.5.3 Production Requirements

Insert Text Here.

4.5.4 Release Requirements

Insert Text Here.

4.6 Maintainability and Support Requirements**4.6.1 Maintenance Requirements**

Insert Text Here.

4.6.2 Supportability Requirements

Insert Text Here.

4.6.3 Adaptability Requirements

Insert Text Here.

4.7 Security Requirements**4.7.1 Access Requirements**

Insert Text Here.

4.7.2 Integrity Requirements

Insert Text Here.

4.7.3 Privacy Requirements

Insert Text Here.

4.7.4 Audit Requirements

Insert Text Here.

4.7.5 Immunity Requirements

Insert Text Here.

4.8 Cultural and Political Requirements**4.8.1 Cultural Requirements**

Insert Text Here.

4.8.2 Political Requirements

Insert Text Here.

4.9 Legal Requirements**4.9.1 Compliance Requirements**

Insert Text Here.

4.9.2 Standards Requirements

Insert Text Here.

5 Project Issues**5.1 Open Issues**

Insert Text Here.

5.2 Off-the-Shelf Solutions

Insert Text Here.

5.3 New Problems

Insert Text Here.

5.4 Migration to the New Product

Insert Text Here.

5.5 Risks

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