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# SOFTWARE REQUIREMENTS SPECIFICATION

for

CS 4ZP6 Capstone Project

Version 0.0

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McMaster Text to Motion Database

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## Revision History

Name	Date	Reason For Changes	Version
Brendan Duke	Oct. 7th, 2016	Initial Version	0.0

# **1 Introduction**

## **1.1 Purpose**

## **1.2 Document Conventions**

## **1.3 Intended Audience and Reading Suggestions**

## **1.4 Project Scope**

## **1.5 References**

## **2 Overall Description**

### **2.1 Product Perspective**

### **2.2 Product Functions**

### **2.3 User Classes and Characteristics**

### **2.4 Operating Environment**

### **2.5 Design and Implementation Constraints**

### **2.6 User Documentation**

### **2.7 Assumptions and Dependencies**

## **3 External Interface Requirements**

### **3.1 User Interfaces**

### **3.2 Hardware Interfaces**

### **3.3 Software Interfaces**

### **3.4 Communications Interfaces**



## **4 System Features**

### **4.1 System Feature 1**

#### **4.1.1 Description and Priority**

#### **4.1.2 Stimulus/Response Sequences**

#### **4.1.3 Functional Requirements**

### **4.2 System Feature 2 (and so on)**

## **5 Other Nonfunctional Requirements**

**5.1 Performance Requirements**

**5.2 Safety Requirements**

**5.3 Security Requirements**

**5.4 Software Quality Attributes**

**5.5 Business Rules**

## **6 Other Requirements**

**6.1 Appendix A: Glossary**

**6.2 Appendix B: Analysis Models**

**6.3 Appendix C: To Be Determined List**