Software Requirements Specification

For

Content Based Image Retrieval System

Version 1.0 approved

Prepared by Group 54

Anmol Malhotra (9912103560)

Natasha Dutta (9912103550)

Sanjeeb Nayak (9912103)

02-Apr-2015

Table of Contents

Table of Contents ii

Revision History ii

1. Introduction 1

1.1 Purpose 1

1.2 Document Conventions 1

1.3 Intended Audience and Reading Suggestions 1

1.4 Project Scope 1

1.5 References 1

2. Overall Description (2-4)

2.1 Product Perspective 2

2.2 Product Features 2

2.3 User Classes and Characteristics 3

2.4 Operating Environment 3

2.5 Design and Implementation Constraints 3

2.6 User Documentation 4

2.7 Assumptions and Dependencies 4

3. System Features 5

3.1 Description and Priority 5

3.2 Functional Requirements 5

4. External Interface Requirements (6-10)

4.1 User Interfaces 6

4.2 Hardware Interfaces 10

4.3 Software Interfaces 10

4.4 Communications Interfaces 10

5. Other Nonfunctional Requirements 11

5.1 Performance Requirements 11

5.2 Safety Requirements 11

5.3 Security Requirements 11

5.4 Software Quality Attributes 11

6. Other Requirements 11

7. Appendix A: Issues List 12

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Author** | **Description of Changes** | **Version** |
| November 7,2014 | Group 54 | Initial Draft | 1.0 |