Software Requirement Specification

|  |  |
| --- | --- |
| Project Name: | SpaceWatch |
| Date: | 12th November 2023 |
| Version: | V1 |
| By: | Chinmay Sawant, Jash Damania, Aaditya Padghan, Vishal Chauhan |

|  |  |  |  |
| --- | --- | --- | --- |
| Review History | | | |
| Version | Author | Version Description | Date Completed |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Review History | | | |
| Approving Party | Version Approved | Signature | Date |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Approval History | | | |
| Reviewer | Version Reviewed | Signature | Date |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

TABLE OF CONTENTS

1) Introduction 1

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

2.1 Product Perspective #

2.2 Product Features #

2.3 User Classes and Characteristics #

2.4 Operating Environment #

2.5 Design and Implementation Constraints #

2.6 Assumptions and Dependencies #

3) System features 3

3.1 Functional Requirements #

4) External interface requirements 4

4.1 User Interfaces #

4.2 Hardware Interfaces #

4.3 Software Interfaces #

4.4 Communication Interfaces #

5) Non functional requirements 5

5.1 Performance Requirements #

5.2 Safety Requirements #

5.3 Security Requirements #

5.4 Software Quality Attributes #