**Operation Requirement**

Admission system

**Contents**

[**List of table** 2](#_Toc373154354)

[**1.** **Revision** 3](#_Toc373154355)

[**2.** **Introduction** 4](#_Toc373154356)

[2.1 Purpose 4](#_Toc373154357)

[2.1 Intended Audience and Reading Suggestions 4](#_Toc373154358)

[2.2 Definitions, Acronyms and Abbreviations 4](#_Toc373154359)

[2.3 References 4](#_Toc373154360)

[3. Functional Requirement List 5](#_Toc373154361)

[4. Functional description 5](#_Toc373154362)

[4.1. Function 1 5](#_Toc373154363)

[5. Quality Attribute Characterization 6](#_Toc373154364)

[5.1. Quality 1 Characterization 6](#_Toc373154365)

[6. Constraints 7](#_Toc373154366)

[6.1. Business Constraints 7](#_Toc373154367)

[6.2. Technical Constraints 7](#_Toc373154368)

# **List of table**

[Table 1: Revision history 3](#_Toc373154345)

[Table 2: Acronyms 4](#_Toc373154346)

[Table 3: References 4](#_Toc373154347)

[Table 4: Functional requirement list 5](#_Toc373154348)

[Table 5: Business constraints 7](#_Toc373154349)

[Table 6: Technical constraints 7](#_Toc373154350)

# **Revision**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Version** | **Update date** | **Author** | **Content** |
| 1 | 0.1 | 19/11/2013 | Khang Huynh | Create Operation Document |
| 2 | 0.2 | 25/11/2013 | Khang Huynh | Update Template |

Table 1: Revision history

# **Introduction**

## Purpose

This document will be used to record, communicate and refine the operation requirement for the project. This document will act as the main repository of requirements during the project.

## 2.2 Intended Audience and Reading Suggestions

The intended audience for this document is the Deadline team and the customer. These stakeholders are to review the document.

## Definitions, Acronyms and Abbreviations

|  |  |  |
| --- | --- | --- |
| **No.** | **Glossary** | **Description** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

Table 2: Acronyms

## References

|  |  |  |
| --- | --- | --- |
| **No** | **Document** | **Description** |
| 1 | Architecting.Software.Intensive.Systems.A.Practitioners.Guide.Nov.2008. | Using for create document outline. |
| 2 | Documenting Software Architectures - View and Beyond, Paul Clements, 2010 (Clements 10). | Applying to describe Views. |
| 3 | Software Architecture in Practice. | Applying to describe Views. |

Table 3: References

# **Functional Requirement List**

|  |  |
| --- | --- |
| **ID** | **Function Requirement** |
| FR01 | Log In. |
| FR02 | Log Out. |
| FR03 |  |

Table 4: Functional requirement list

# **Functional description**

## 4.1 Function 1

|  |  |  |
| --- | --- | --- |
| **Operational description title:** | | |
| Describe stakeholder(s) role(s) proposing the description: | | ID : FR01 |
| Operational Consideration |  | |
| Provide a general description of the functionality. |  | |
| Describe what the stakeholder does now or would like to be able to do. |  | |
| Describe any input that is provided or is available at the time of initiation. |  | |
| Describe the operational context. |  | |
| Describe how the system/product should respond. |  | |
| Describe any output the system/product produces as a result of the action. |  | |
| Describe who or what uses the output and what is the output used for. |  | |

# **Quality Attribute Characterization**

## 5.1 Quality 1 Characterization

|  |  |
| --- | --- |
| **Stakeholder: Consumer** | **ID:** |
| **Quality Attribute:** | |
| **Reasonable for quality attribute:** | |
| **Stakeholder’s quality attribute story** | |
| **Other issues and concerns:** | |

# Constraints

## 6.1 Business Constraints

|  |  |
| --- | --- |
| **Consider** | **Business Constraints** |
| **Schedule limitations** | Time is 30 week. |
| **Mandatory regulatory restrictions and demands** | Human resource: 6 members. |

Table 5: Business constraints

## 6.2 Technical Constraints

|  |  |
| --- | --- |
| **Consider** | **Technical Constraints** |
| Computer operating system. | Window 7, Android, Browser web Google chrome 23-25, Firefox 14-16, IE 9-11, android 2.0. |
| Computer platforms. | Java platform |
| Computer languages. | Java, Java Script, CSS, HTML |
| Tools and methods. | Environment: Eclipse, My SQL, Maven 2 |
| Protocols, interfaces, standard. | J2EE, Spring 3 + hibernate, Lucene search |

Table 6: Technical constraints