**Operation Requirement**

Admission system

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# **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 |
| 3 | 0.3 | 1/12/2013 | Khang Huynh | Add functional list |

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** | |
| **Newsletter module** | | |
| FR01 | View newsletter | |
| FR02 | Create newsletter | |
| FR03 | Edit newsletter | |
|  | Delete newsletter | |
|  | Preview newsletter | |
|  | Approve newsletter | |
|  | Down newsletter | |
|  | Find newsletter | |
|  | Transfer newsletter | |
|  | Sort newsletter | |
|  | Authorize subordinate | |
| **Catalog module** | | |
|  | View catalog | |
|  | Create catalog | |
|  | Edit catalog | |
|  | Delete catalog | |
|  | Sort catalog | |
| **Q&A module** | | |
|  | | View question |
|  | | Find question |
|  | | Create question |
|  | | Delete question |
|  | | Create answer |
|  | | Send mail |
|  | | View history |
|  | | Add into Q&A dictionary |
|  | | Delete Q&A in dictionary |

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