**Requirement plan**

Admission system

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# **Revision**

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| --- | --- | --- | --- | --- |
| **No** | **Version** | **Update date** | **Author** | **Content** |
| 1 | 0.1 | 18/11/2013 | Khang Huynh | Create Requirement plan document |
| 2 | 0.2 | 19/11/2013 | Khang Huynh | Update Template |

Table 1: Revision history

# **Introduction**

The purpose of the Requirements Management Plan is to define the roles and responsibility of team member in requirement processes, define schedule and procedures to be used by the Deadline Team.

# **Requirement Management Plan**

## 3.1 Roles and Responsibility

|  |  |  |
| --- | --- | --- |
| **Roles** | **Name** | **Responsibility** |
| Customer | Quang Nguyen | The customer is responsible for defining and approving all requirements, and all modification to requirements. |
| Requirements engineer | Khang Huynh | - Planning and gathering initial requirement.  - Writing the operation requirement and architecture driver specification.  - Communication with customer to validate requirements.  - Make questions to gather requirement (focus on scope project).  - Collect business rules, data dictionary. |
| Quality process engineer | Huy Nguyen | - Make questions to gather requirement (focus on business constraint and quality attribute).  - Describes use case detail.  - Collect business rules and data dictionary. |
| Managing engineer | Chau Le | Create the project plan. |
| Chief scientist | Dao Khau | - Make questions to gather requirement (focus on functional requirement).  - Describes use case detail.  - Collect business rules data dictionary. |
| Support engineer and Tester | Huy Ngo | - Make questions to gather requirement (focus on technical constraint and functional requirement).  - Describes use case detail.  - Describes technical constraint.  - Collect business rules data dictionary. |
| Chief architect | Phu Ta | - Make question to gather requirement (focus on technical and quality attribute issues associated with eliciting the architectural drivers).  - Describes quality scenario.  - Collect business rules data dictionary. |
| Production engineers | All Team | - Analysis requirement.  - Assist the team in the elicitation, capture, review and documentation of architectural drivers, and business rules, data dictionary. |

Table 2: Roles and Reponsibility

## 3.2 Requirement Schedule

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Activities** | **Start** | **End** | **Human Resource** | **Stage** |
| 1 | Discover Architectural Drivers. | 18/11/2013 | 30/11/2013 | All Team | Stage 1 |
| 2 | Create Operation Requirement Document. | 18/11/2013 | 30/11/2013 | Khang Huynh |
| 3 | Meeting with customer #1 | 21/11/2013 | 21/11/2013 | All Team |
| 4 | Update Operation Requirement Document. | 21/11/2013 | 21/11/2013 | All Team |
| 5 | Review with mentor #1 | 22/11/2013 | 22/11/2013 | All Team |
| 6 | Update Operation Requirement Document. | 22/11/2013 | 28/11/2013 | All Team |
| 9 | Meeting with customer #2. | 26/11/2013 | 26/11/2013 | All Team |
| 10 | Update Operation Requirement Document. | 26/11/2013 | 28/11/2013 | All Team |
| 11 | Meeting with customer #3. | 28/11/2013 | 28/11/2013 | All Team |
|  | Update Operation Requirement Document. | 28/11/2013 | 29/11/2013 | All Team |
| 5 | Review with mentor #1 | 29/11/2013 | 29/11/2013 | All Team |
| 6 | Update Operation Requirement Document. | 29/11/2013 | 30/11/2013 | All Team |
| 12 | Review Operation Requirement Document. | 30/11/2013 | 30/11/2013 | Khang Huynh |
| 13 | Establish Project Scope. | 30/11/2013 | 31/12/2013 | All Team | Stage 2 |
| 14 | Create Architecture Drivers Specification Document. | 30/11/2013 | 31/12/2013 | All Team |
| 15 | 1. Draw use-case.  2. Create quality attribute scenario. | 2/12/2013 | 4/12/2013 | All Team |
| 16 | Review with mentor #1 | 5/12/2013 | 5/12/2013 | All Team |
| 17 | Meeting with customer #1 | 6/12/2013 | 6/12/2013 | All Team |
| 18 | 1. Edit use-case.  2. Entity description.  3. Create use-case description.  4. Update constraints. | 5/12/2013 | 10/12/2013 | All Team |
| 19 | Review with mentor #2 | 12/12/2013 | 12/12/2013 | All Team |
| 20 | Meeting with customer #2. | 13/12/2013 | 13/12/2013 | All Team |
| 21 | Update & closed architecture drivers specification document. | 13/12/2013 | 18/12/2013 | All Team |
| 22 | Create initial data dictionary (master database). | 19/12/2013 | 21/12/2013 | All Team | Support Development |
| 23 | Get detail requirements for Spring 1 (Data dictionary & Business rule). | 2/1/2013 |  | All Team | Spring 1 |
| 24 | Update use case description for Business rules. | 2/1/2013 |  | All Team |

Table 3: Requirement Schedule

# **Tools, Environments and Infrastructure**

Excel 2010 and Word 2010 will be used for developing requirement documents.

Visio 2010 will be used for developing use case diagram.

Gmail will be used for communicate with customer.

TortoiseSVN will be used for saved document.

# **Document Template**

Operational Requirement Document – Template.

Architecture Drivers Specification – Template.

Data Dictionary – Template.