**Operation document**

Admission system

Contents

[**Table list** 3](#_Toc389028310)

[**Revision** 4](#_Toc389028311)

[**1.** **Introduction** 5](#_Toc389028312)

[1.1 purpose 5](#_Toc389028313)

[1.2 Term table 5](#_Toc389028314)

[1.3 Reference 5](#_Toc389028315)

[**1.** **List functions** 6](#_Toc389028316)

[**2.** **Functional description** 6](#_Toc389028317)

[**2.1 Articles management system** 6](#_Toc389028318)

[2.1.1 View article 6](#_Toc389028319)

[2.1.2 Create article 7](#_Toc389028320)

[2.1.3 Edit article 8](#_Toc389028321)

[2.1.4 Delete article 8](#_Toc389028322)

[2.1.5 Preview article 9](#_Toc389028323)

[2.1.6 Confirm article 9](#_Toc389028324)

[2.1.7 Post article 10](#_Toc389028325)

[2.1.8 Drop article 10](#_Toc389028326)

[2.1.9 Search article 11](#_Toc389028327)

[2.1.10 Transfer article 11](#_Toc389028328)

[2.1.11 Preview 12](#_Toc389028329)

[2.1.12 Authorize another person 13](#_Toc389028330)

[**2.2 Catalog management system** 13](#_Toc389028331)

[2.2.1 View catalog 13](#_Toc389028332)

[2.2.2 Create catalog 14](#_Toc389028333)

[2.2.3 Edit catalog 15](#_Toc389028334)

[2.2.4 Delete catalog 15](#_Toc389028335)

[2.2.5 Sort catalog 16](#_Toc389028336)

[**2.3 Admission system** 17](#_Toc389028337)

[2.3.1 View question 17](#_Toc389028338)

[2.3.2 Search-dict 18](#_Toc389028339)

[2.3.3 Create question 18](#_Toc389028340)

[2.3.4 Deleted question 19](#_Toc389028341)

[2.3.5 Answer question 20](#_Toc389028342)

[2.3.6 Send mail 21](#_Toc389028343)

[2.3.7 Insert question into dict 21](#_Toc389028344)

[2.3.8 Drop-dict 22](#_Toc389028345)

[**3.** **Quality attributes** 24](#_Toc389028346)

[3.1 Performance 24](#_Toc389028347)

[3.2 Security 24](#_Toc389028348)

[3.3 Usability 24](#_Toc389028349)

[**4.** **Constraint** 25](#_Toc389028350)

[6.1 Business constraint 25](#_Toc389028351)

[6.2 Technology constraint 25](#_Toc389028352)

# **Table list**

[Table 1: revision 4](#_Toc389028699)

[Table 2: terms 5](#_Toc389028700)

[Table 3: Reference 5](#_Toc389028701)

[Table 4: List functions 6](#_Toc389028702)

[Table 5: Business constraint 25](#_Toc389028703)

[Table 6: Technology constraint 25](#_Toc389028704)

# **Revision**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Phiên bản** | **Ngày** | **Tác giả** | **Nội dung** |
| 1 | 0.1 | 19/11/2013 | Khang Huynh | Create document |
| 2 | 0.2 | 25/11/2013 | Khang Huynh | Update template |
| 3 | 0.3 | 1/12/2013 | Khang Huynh | Update list function |
| 4 | 0.4 | 2/12/2013 | Khang Huynh | Update functional description & quality attributes |

Table 1: revision

# **Introduction**

## purpose

This document will be used to record, communicate and refine the operational requirements of the project.

This document will serve as the main repository of project requirements.

## Term table

|  |  |  |
| --- | --- | --- |
| **No.** | **Term** | **Description** |
|  |  |  |
|  |  |  |
|  |  |  |

Table 2: terms

## 1.3 Reference

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

Table 3: Reference

# **List functions**

|  |  |  |
| --- | --- | --- |
| **ID** | **Functions** | |
| **Articles management system** | | |
| FR01 | View article | |
| FR02 | Create article | |
| FR03 | Edit article | |
| FR04 | Delete article | |
| FR05 | Preview articles | |
| FR06 | Confirm articles | |
| FR07 | Insert articles | |
| FR08 | Drop articles | |
| FR09 | Search articles | |
| FR10 | Transfer articles | |
| FR11 | Arrang articles | |
| FR12 | Authorize to other | |
| **Catalog management system** | | |
| FR13 | View catalog | |
| FR14 | Create catalog | |
| FR15 | Edit catalog | |
| FR16 | Delete catalog | |
| FR17 | Arrange catalog | |
| **Admission System** | | |
| FR18 | | Display question |
| FR19 | | Search question |
| FR20 | | Create Question |
| FR21 | | Delete question |
| FR22 | | Answer question |
| FR23 | | Send mail |
| FR24 | | Insert question into dict |
| FR25 | | Drop-dict |

Table 4: List functions

# **Functional description**

## **2.1 Articles management system**

### 2.1.1 View article

|  |  |  |
| --- | --- | --- |
| **View article: This allow user to review articles** | | |
| **Stakeholders:**  Reporter, editor, Editor-in-Chief | | ID: FR01 |
| **Operational review** | **Response by stakeholder** | |
| Provide a general description of the functionality | This system allow user to view articles | |
| Describe what the stakeholder does now or would like to be able to do | Reporter, Editor, Editor-in-Chief choose an article and review it. | |
| Describe any input that is provided or is available at the time of initiation | Articles was created. | |
| Describe the operational context | After article was created, Reporter, Editor, Editor-in-Chief can open and review it in detail. | |
| Describe how the system/product should respond | System will show all articles information | |
| Describe any output the system/product produces as a result of the action | Show article information | |
| Describe who or what uses the output and what is the output used for | Reporter, Editor, Editor-in-Chief | |

### 2.1.2 Create article

|  |  |  |
| --- | --- | --- |
| **Create article: This allow user can compose, attach file : image, sound, videos, related articles.** | | |
| **Stakeholder:**  Reporter, Editor, Editor-in-Chief | | ID: FR02 |
| **Operational review** | **Response by stakeholder** | |
| Provide a general description of the functionality | This allow user can compose, attach files: images, sound, videos, related articles. | |
| Describe what the stakeholder does now or would like to be able to do | Colaborator will collect news and send them to Reporter, Reporter use this function to compose article. Editor and Editor-in-Chief can compose,too. | |
| Describe any input that is provided or is available at the time of initiation | Text can attch file (images (high quality),sound file,video file…),related articles (articles have content the same with article composing),inserted articles (lie in the same catalog with article composing). | |
| Describe the operational context | Case 1: colaborator collect new news, Reporter base on them to compose article.  Case 2: Editor, Editor-in-Chief collect news, idea for new article and compose it. | |
| Describe how the system/product should respond | After articles was created will save to confirm list, with Editor-in-Chief | |
| Describe any output the system/product produces as a result of the action | New articles was created. | |
| Describe who or what uses the output and what is the output used for | Reporter, Editor, Editor-in-Chief | |

### 2.1.3 Edit article

|  |  |  |
| --- | --- | --- |
| **Edit article: This allow user to edit article.** | | |
| **Stakeholder:**  Reporter, Editor, Editor-in-Chief | | ID: FR03 |
| **Operational review** | **Response by stakeholder** | |
| Provide a general description of the functionality | System allow user to edit article. | |
| Describe what the stakeholder does now or would like to be able to do | Reporter, Editor, Editor-in-Chief can edit article. Once, an article was send to confirm, nobody can edit it except that article be resend. | |
| Describe any input that is provided or is available at the time of initiation | 1/The Editor-in-Chief resend article to Editor or Reporter.  2/The Editor resend article to Reporter.  3/The article was send but not yet confirm, Reporter can take it and edit. | |
| Describe the operational context | Case 1: Editor-in-Chief confirm article, if it contents problem, it will be resend for Editor or Reporter to edit.  Case 2: Editor confirm article, if it contents problem, it will be resend for Reporter to edit.  Case 3: Reporter or Editor compose article and send to higher permission, while waiting for cofirmation, they can take it and edit. | |
| Describe how the system/product should respond | System show article information, user can edit it. | |
| Describe any output the system/product produces as a result of the action | The article was edited. | |
| Describe who or what uses the output and what is the output used for | Editor, Editor-in-Chief | |

### 2.1.4 Delete article

|  |  |  |
| --- | --- | --- |
| **Delete article: This allow users can delete article from their list and save to waiting-list. The waiting-list can be delete by system.** | | |
| **Stakeholder:**  Reporter, Editor, Editor-in-Chief | | ID: FR04 |
| **Operational review** | **Response by stake holder** | |
| Provide a general description of the functionality | System allow user to delete unexpected article from their list and waiting to delete it from system.  User can choose delete it forever. | |
| Describe what the stakeholder does now or would like to be able to do | User can choose the article, then click on delete button to delete unexpected article. | |
| Describe any input that is provided or is available at the time of initiation | The article was existed. | |
| Describe the operational context | User choose an article and click “delete button” | |
| Describe how the system/product should respond | After user click delete button, system will be show a notice request confirm delete article. | |
| Describe any output the system/product produces as a result of the action | The article was requested deletion will be move into delete waiting list; user can delete them forever from system. | |
| Describe who or what uses the output and what is the output used for | N/A | |

### 2.1.5 Preview article

|  |  |  |
| --- | --- | --- |
| **Xem trước: This allow user to preview article befor send to higher permission.** | | |
| **Stakeholder:**  Reporter, Editor, Editor-in-Chief | | ID: FR05 |
| **Operational review** | **Response by stakeholder** | |
| Provide a general description of the functionality | The system show all contents include related content same as offical article to user can preview article are logical or not? | |
| Describe what the stakeholder does now or would like to be able to do | Reporter, Editor, Editor-in-Chief can preview arrange of article content: images, videos. | |
| Describe any input that is provided or is available at the time of initiation | Composing information, videos, images, attach file ... | |
| Describe the operational context | Reporter, Editor, Editor-in-Chief are compose and want to preview their article. | |
| Describe how the system/product should respond | The system show all contents which user is writing as a main article. User can edit it easily. | |
| Describe any output the system/product produces as a result of the action | The article is compile. | |
| Describe who or what uses the output and what is the output used for | Reporter, Editor, Editor-in-Chief | |

### 2.1.6 Confirm article

|  |  |  |
| --- | --- | --- |
| **Confirm article: This allow user to permit view article of lower permission.** | | |
| **Stakeholder:**  Editor, Editor-in-Chief | | ID: F06 |
| **Operational review** | **Response by stake holder** | |
| Provide a general description of the functionality | The system allow user (Editor, Editor-in-Chief) view the article which wait to confirm. | |
| Describe what the stakeholder does now or would like to be able to do | Editor, Editor-in-Chief select an article and view it. | |
| Describe any input that is provided or is available at the time of initiation | 1/Reporter send articles to Editor  2/Reporter send articles to Editor-in-Chief.  3/ Editor send articles to Editor-in-Chief. | |
| Describe the operational context | Case 1: Editor receive articles from Reporter and review them.  Case 2: Editor-in-Chief receive articles from Reporter and review them.  Case 3: Editor-in-Chief receive articles from Editor and review them. | |
| Describe how the system/product should respond | Editor or Editor-in-Chief select article in their list and view detail them. The system will show the chosened. | |
| Describe any output the system/product produces as a result of the action | After Editor or Editor-in-Chief confirm for the article,it will be put into list-confirm or send to writer. | |
| Describe who or what uses the output and what is the output used for | Reporter or Editor receives the article which return to send.  If Editor-in-Chief review and accepted, the article will be given up Internet or intranet. | |

### 2.1.7 Post article

|  |  |  |
| --- | --- | --- |
| **Post article: This allow user post the article given up internet or network internal.** | | |
| **Stakeholder :**  Editor-in-Chief | | ID: F07 |
| Operational Consideration | Stakeholder response | |
| Provide a general description of the functionality | This allow user post the article given up internet or intranet. | |
| Describe what the stakeholder does now or would like to be able to do | Editor-in-Chief can post articles given up internet or intranet. | |
| Describe any input that is provided or is available at the time of initiation | The article was posted on the internet and intranet | |
| Describe the operational context | Editor-in-Chief select an article has been reviewed and posted it on the internet or intranet | |
| Describe how the system/product should respond | The system displays an article was posted to the internet. | |
| Describe any output the system/product produces as a result of the action | The article posted on the internet, intranet. | |
| Describe who or what uses the output and what is the output used for | N/A | |

### 2.1.8 Drop article

|  |  |  |
| --- | --- | --- |
| **Drop article :** **The system allows users to drop articles are published on the internet and intranet.** | | |
| **Stakeholder:**  Editor-in-Chief | | ID: FR08 |
| **Operational review** | **Response by stake holder** | |
| Provide a general description of the functionality | The system allows users to drop articles are published on the internet and intranet. | |
| Describe what the stakeholder does now or would like to be able to do | Editor-in-Chief can drop article from the internet or intranet. | |
| Describe any input that is provided or is available at the time of initiation | The article was posted on the internet and intranet | |
| Describe the operational context | Editor-in-Chief of approved select an article and put it on the internet or intranet | |
| Describe how the system/product should respond | The system displays a message asking the user to confirm you want to drop or not | |
| Describe any output the system/product produces as a result of the action | The article taken down from the internet, intranet and displays the list of article to be drop. | |
| Describe who or what uses the output and what is the output used for | N/A | |

### 2.1.9 Search article

|  |  |  |
| --- | --- | --- |
| **Search article: allows users to search for their Articles** | | |
| **Stakeholder:**  Reporter, Editor, Editor-in-Chief | | ID: FR09 |
| **Operational review** | **Response by stake holder** | |
| Provide a general description of the functionality | The system allows users to search for their Articles which is holding | |
| Describe what the stakeholder does now or would like to be able to do | Reporter, Editor, Editor-in-Chief input keyword and select search | |
| Describe any input that is provided or is available at the time of initiation | Reporter, Editor, Editor-in-Chief input keyword. | |
| Describe the operational context | Users need to find a particular article, the user enters the title or content need to find and search history | |
| Describe how the system/product should respond | The system will display the entire list with the name of approximate article that users need to find | |
| Describe any output the system/product produces as a result of the action | The article was displayed | |
| Describe who or what uses the output and what is the output used for | N/A | |

### 2.1.10 Transfer article

|  |  |  |
| --- | --- | --- |
| **Transfer article: allows users to transfers for the article should be sent to low level person** | | |
| **Stakeholder:**  Reporter, Editor, Editor-in-Chief | | ID: FR10 |
| **Operational review** | **Response by stake holder** | |
| Provide a general description of the functionality | The system allows users to transfers for the article should be sent | |
| Describe what the stakeholder does now or would like to be able to do | Reporter, Editor, Editor-in-Chief choose the article and confirmer, choose Confirm | |
| Describe any input that is provided or is available at the time of initiation | Reporter sends an article to the Editor  Reporter sends an article to the Editor-in-Chief  Editor sends an article to the Editor-in-Chief. | |
| Describe the operational context | Case 1: Reporter compose and transfer article to Editor  Case 2: Editor compose and transfer article to Editor-in-Chief  Case 3: Reporter editing article bulletins and moved back to the Editor-in-Chief. | |
| Describe how the system/product should respond | Notification has been sent. | |
| Describe any output the system/product produces as a result of the action | The article is displayed in the list of pending of Editor or Editor-in-Chief. | |
| Describe who or what uses the output and what is the output used for | Editor or Reporter receives articles and decisions confirm or not | |

### 2.1.11 Preview

|  |  |  |
| --- | --- | --- |
| **Preview: Allows the user can sort the article posted on the internet or intranet** | | |
| **Stakeholder:**  Editor-in-Chief | | ID: FR11 |
| **Operational review** | **Response by stake holder** | |
| Provide a general description of the functionality | The system displays a list of articles a user has posted to sort them | |
| Describe what the stakeholder does now or would like to be able to do | Editor-in-Chief can preview the content of the article shown on the internet or intranet and adjust the sort order of articles. | |
| Describe any input that is provided or is available at the time of initiation | The article is posted on the internet or intranet. | |
| Describe the operational context | Users choice article that is located on the website and order reports show that | |
| Describe how the system/product should respond | N/A | |
| Describe any output the system/product produces as a result of the action | List of internet and intranet bulletin on display as desired by the customer | |
| Describe who or what uses the output and what is the output used for | N/A | |

### 2.1.12 Authorize another person

|  |  |  |
| --- | --- | --- |
| **Authorization: Allow Editor-in-Chief may authorize other persons may exercise the rights of the Editor-in-Chief** | | |
| **Stakeholder :**  Editor-in-Chief | | ID: FR12 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows Editor-in-Chief may authorize another person | |
| Describe what the stakeholder does now or would like to be able to do | Editor-in-Chief should choose a person authorized and granted them a period of time | |
| Describe any input that is provided or is available at the time of initiation | The list of pending of authorization | |
| Describe the operational context | Editor-in-Chief wants to authorize another person as Editor-in-Chief is busy | |
| Describe how the system/product should respond | Permission for authorized persons | |
| Describe any output the system/product produces as a result of the action | The authorized person shall have the right of Editor-in-Chief in a time period | |
| Stakeholder sử dụng Describe any output the system/product produces as a result of the action | Reporter, Editor | |

## **2.2 Catalog management system**

### 2.2.1 View catalog

|  |  |  |
| --- | --- | --- |
| **View catalog: catalog department can view the catalog list** | | |
| Stakeholder: catalog department | | ID : FR13 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to view catalog | |
| Describe what the stakeholder does now or would like to be able to do | can see all the available catalog in system | |
| Describe any input that is provided or is available at the time of initiation | Select a catalog manager | |
| Describe the operational context | Users on-page catalog management and all existing catalog in the system will display. | |
| Describe how the system/product should respond | The system displays a list of all | |
| Describe any output the system/product produces as a result of the action | All catalog will be displayed | |
| Describe who or what uses the output and what is the output used for | Reporter, Editor, Editor-in-Chief | |

### 2.2.2 Create catalog

|  |  |  |
| --- | --- | --- |
| **Create catalog: catalog department can create catalog list** | | |
| Stakeholder: catalog department | | ID : FR14 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to create a list of no one in the system | |
| Describe what the stakeholder does now or would like to be able to do | When wishing to add new catalog | |
| Describe any input that is provided or is available at the time of initiation | Category name and location of the List Sort | |
| Describe the operational context | -Users on-site manager to create a new category on the category selected.  - Naming and location for category | |
| Describe how the system/product should respond | Once categoried, the system has to check if the middle name or not. | |
| Describe any output the system/product produces as a result of the action | Creating new category | |
| Describe who or what uses the output and what is the output used for | Reporter, Editor, Editor-in-Chief | |

### 2.2.3 Edit catalog

|  |  |  |
| --- | --- | --- |
| **Edit catalog : Catalog department can edit the list of catalog** | | |
| Stakeholder: catalog department | | ID : FR15 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to edit category | |
| Describe what the stakeholder does now or would like to be able to do | Catalog department can edit the category list | |
| Describe any input that is provided or is available at the time of initiation | Select an item to edit | |
| Describe the operational context | -Users on-page catalog management on selected list item to edit and select Edit catalog  - Edit catalog | |
| Describe how the system/product should respond | The system will check any duplicated category | |
| Describe any output the system/product produces as a result of the action | Selected items will be revised | |
| Describe who or what uses the output and what is the output used for | Reporter, Editor, Editor-in-Chief | |

### 2.2.4 Delete catalog

|  |  |  |
| --- | --- | --- |
| **Delete catalog: Management can delete category list** | | |
| Stakeholder: Category department | | ID : FR16 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | the system allows users to delete category | |
| Describe what the stakeholder does now or would like to be able to do | Category department can delete category list | |
| Describe any input that is provided or is available at the time of initiation | Select an item to delete | |
| Describe the operational context | Users on-page Category management on selected list item to delete and select the delete list | |
| Describe how the system/product should respond | System check the list which contents subcatalog or not | |
| Describe any output the system/product produces as a result of the action | Selected items will be deleted | |
| Describe who or what uses the output and what is the output used for | Reporter, Editor, Editor-in-Chief | |

### 2.2.5 Sort catalog

|  |  |  |
| --- | --- | --- |
| **Sort Category: Category department can sort the list** | | |
| Stakeholder: Category department | | ID : FR17 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to sort the position of the display Category list | |
| Describe what the stakeholder does now or would like to be able to do | Category department can edit the list of display position of the Category List | |
| Describe any input that is provided or is available at the time of initiation | Catalog select sort | |
| Describe the operational context | -Users on-page and select Manage Catalog arrangements  - Choose the location for the Category arrangement. | |
| Describe how the system/product should respond | Systems show position of Catalog after sort | |
| Describe any output the system/product produces as a result of the action | All catalog will be displayed after locations as arranged | |
| Describe who or what uses the output and what is the output used for | Reporter, Editor, Editor-in-Chief | |

## **2.3 Admission system**

### 2.3.1 View question

|  |  |  |
| --- | --- | --- |
| **Users can view the question on the admission system** | | |
| Stakeholder: Answer department,user | | ID : FR18 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to use the view function after questions submitted | |
| Describe what the stakeholder does now or would like to be able to do | Users view the questions in the dictionary of the website, or questions sent to system. | |
| Describe any input that is provided or is available at the time of initiation | Users send questions to the system.  The question lies in the system. | |
| Describe the operational context | Users on-site Dictionary management system and select View. | |
| Describe how the system/product should respond | System displays content questions are asked to view by user | |
| Describe any output the system/product produces as a result of the action | Show question | |
| Describe who or what uses the output and what is the output used for | Answer department,user | |

### 2.3.2 Search-dict

|  |  |  |
| --- | --- | --- |
| **Users and Answer department can search question/answer in the system** | | |
| Stakeholder: Answer department,user | | ID : FR19 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to use this function to search for questions already exist on the web | |
| Describe what the stakeholder does now or would like to be able to do | Users enter keywords by title or content to be searched to find the question already exists in the system. | |
| Describe any input that is provided or is available at the time of initiation | Keyword that user input | |
| Describe the operational context | -Users on-site and search.  -Enter keywords and click search button | |
| Describe how the system/product should respond | The system will send search command to database. | |
| Describe any output the system/product produces as a result of the action | All results are show. | |
| Describe who or what uses the output and what is the output used for | Answer department,user | |

### 2.3.3 Create question

|  |  |  |
| --- | --- | --- |
| **Users can create questions on the admission system** | | |
| Stakeholder: User | | ID : FR20 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to compose to send questions to answer department.User can attached files, images, audio, video and related information,too | |
| Describe what the stakeholder does now or would like to be able to do | Users with questions about certain issues, they can use this function to compose and send questions to answer department | |
| Describe any input that is provided or is available at the time of initiation |  | |
| Describe the operational context | -Users on-site and select create question. | |
| Describe how the system/product should respond | The system will send questions to answer department | |
| Describe any output the system/product produces as a result of the action | Information, video, images, audio, related news, attachments .... | |
| Describe who or what uses the output and what is the output used for | User | |

### 2.3.4 Deleted question

|  |  |  |
| --- | --- | --- |
| **Answer department can delete question if that’s an invalid question** | | |
| Stakeholder: Answer department | | ID : FR21 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to use this function to delete invalid queries. | |
| Describe what the stakeholder does now or would like to be able to do | Answer department view uncensored content questions, if questions violate the rules already on the web, They will delete questions. | |
| Describe any input that is provided or is available at the time of initiation | Users send questions to the system | |
| Describe the operational context | -Users on-site and select View.  -Choose delete question | |
| Describe how the system/product should respond | The system will remove invalid queries | |
| Describe any output the system/product produces as a result of the action | Question will be move to another list. | |
| Describe who or what uses the output and what is the output used for | Answer department | |

### 2.3.5 Answer question

|  |  |  |
| --- | --- | --- |
| **Answer department: can generate answers to user's questions** | | |
| Stakeholder: Answer department | | ID : FR22 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to compose answers to response User’s questions | |
| Describe what the stakeholder does now or would like to be able to do | Answer department uses this function to answer questions for people to ask the question | |
| Describe any input that is provided or is available at the time of initiation | Answer department can compose and can add text attachments (pictures (high quality), audio files, video files, other data), the relevant information (information content related to the compose message). | |
| Describe the operational context | -Users on-site and select questions.  -Compose answer | |
| Describe how the system/product should respond | Answer department reply question and select submit form, the system will be transferred answer to the recipient via email | |
| Describe any output the system/product produces as a result of the action | Information, video, images, audio, related news, attachments … | |
| Describe who or what uses the output and what is the output used for | Answer department | |

### 2.3.6 Send mail

|  |  |  |
| --- | --- | --- |
| **Answer department can send mail to answer questions for users** | | |
| Stakeholder: Answer department | | ID : FR23 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to send mail response asking people | |
| Describe what the stakeholder does now or would like to be able to do | Answer department will answer questions and send the answers via email to the user | |
| Describe any input that is provided or is available at the time of initiation | The question sent by user | |
| Describe the operational context | Question from being sent to those who asked, answer department will receive and answer the questions | |
| Describe how the system/product should respond | The answer will be sent to the email address of the person who asked | |
| Describe any output the system/product produces as a result of the action | Mail sent the questions to user | |
| Describe who or what uses the output and what is the output used for | users | |
| Describe who or what uses the output and what is the output used for | Answer department | |

### 2.3.7 Insert question into dictionary

|  |  |  |
| --- | --- | --- |
| **Insert question into dictionary: The system allows users to view questions and put it into website** | | |
| Stakeholder: Answer department | | ID : FR24 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to view questions and put it into website | |
| Describe what the stakeholder does now or would like to be able to do | Answer department view question,based on predefined criteria answer department put to website | |
| Describe any input that is provided or is available at the time of initiation | Question are moderated. | |
| Describe the operational context | - Users on-site and select View.  -Choose put into dictionary | |
| Describe how the system/product should respond | The system selected questions in the dictionary and display it on the website | |
| Describe any output the system/product produces as a result of the action | Question is displayed on website | |
| Describe who or what uses the output and what is the output used for | Answer department | |

### 2.3.8 Drop-dict

|  |  |  |
| --- | --- | --- |
| **Answer department can drop question from dictionary** | | |
| Stakeholder: Answer department | | ID : FR25 |
| **Operational review** | **Response from Stakeholder** | |
| Provide a general description of the functionality | The system allows users to drop questions from the website | |
| Describe what the stakeholder does now or would like to be able to do | Answer department consider in determining dictionaries and dictionaries eliminated from unnecessary questions. | |
| Describe any input that is provided or is available at the time of initiation | The question was put to the dictionary. | |
| Describe the operational context | - Users on-site and select View.  -Choose from drop-dictionary | |
| Describe how the system/product should respond | System drop questions selected from the dictionary and refreshes website | |
| Describe any output the system/product produces as a result of the action | questions were excluded website | |
| Describe who or what uses the output and what is the output used for | Answer department | |

# **Quality attributes**

## 3.1 Performance

|  |  |
| --- | --- |
| **Stakeholder**: Reporter, Editor, Editor-in-Chief | **ID**: QAP01 |
| Quality Attribute: Performance | |
| **Reason for Quality Attribute:** | |
| Response speed of the system is not slow | |
| **Stakeholder’s Quality Attribute story:** | |
| The article displayed less than 2 seconds.  The initialization article is stored no more than 3 seconds .  Article are move back to no more than 2 seconds. | |

|  |  |
| --- | --- |
| **Stakeholder**: Reporter, Editor, Editor-in-Chief | **ID**: QAP02 |
| Quality Attribute: Performance | |
| **Reason for Quality Attribute:** | |
| Response speed of the system is not too slow | |
| **Stakeholder’s Quality Attribute story:** | |
| Create, edit, delete catalog no more than 3 seconds | |

|  |  |
| --- | --- |
| **Stakeholder**: Answerer department, user | **ID**: QAP03 |
| Quality Attribute: Performance | |
| **Reason for Quality Attribute:** | |
| Response speed of the system is not too slow | |
| **Stakeholder’s Quality Attribute story:** | |
| The question was put on the dictionary display no more than 2 seconds  The answer initialization saved less than 3 seconds | |

## Security

|  |  |
| --- | --- |
| **Stakeholder**: Reporter, Editor, Editor-in-Chief | **ID**: QAS01 |
| Quality Attribute: Security | |
| **Reason for Quality Attribute:** | |
| Error of the system must be obscured, user data must be encrypted | |
| **Stakeholder’s Quality Attribute story:** | |
| Accounts and user passwords to be encrypted in the database  Systems’s error must be excute. | |

## Usability

|  |  |
| --- | --- |
| **Stakeholder**: Reporter, Editor, Editor-in-Chief | **ID**: QAU01 |
| Quality Attribute: Usability | |
| **Reason for Quality Attribute:** | |
| Make the easy to use interface, users can manipulate quickly, reducing waiting time while the other pages | |
| **Stakeholder’s Quality Attribute story:** | |
| Login to the system no more than 2 steps  At the interface required no more than 3 steps | |

# **Constraint**

## 6.1 Business constraint

|  |  |
| --- | --- |
| **Consider** | **Business constraint** |
| Schedule | 30 week. |
| Rule & Requirements | Human Resource : 6 |

Table 5: Business constraint

## 6.2 Technology constraint

|  |  |
| --- | --- |
| **Consider** | **Technical Constraints** |
| System | Window 7, Android, Browser web Google chrome 23-25, Firefox 14-16, IE 9-11, android 2.0. |
| Platform | Java platform |
| Language | Java, Java Script, CSS, HTML |
| Method & tools | Environment: Eclipse, My SQL, Maven 2 |
| Protocol, standard, interfaces | J2EE, Spring 3 + hibernate, Lucene search |

Table 6: Technology constraint