**Detail design**

Admission system

**Contents**

[**List of table** 2](#_Toc390263310)

[**Revision** 4](#_Toc390263311)

[**1.** **Introduction** 5](#_Toc390263312)

[1.1. Purpose 5](#_Toc390263313)

[1.2. Goal 5](#_Toc390263314)

[**2.** **Detail design (Web)** 6](#_Toc390263315)

[ Dictionary management system 6](#_Toc390263316)

[2.1. Register interface 6](#_Toc390263317)

[2.2. Login/ logout interface 8](#_Toc390263318)

[2.3. List-unanswer interface (home page) 9](#_Toc390263319)

[2.4. List-TempSave interface 12](#_Toc390263320)

[2.5. List-Saved interface 14](#_Toc390263321)

[2.6. List – Delete interface 16](#_Toc390263322)

[2.7. List-Dict interface 19](#_Toc390263323)

[2.8. Change password interface 23](#_Toc390263324)

[2.9. View profile interface 25](#_Toc390263325)

[2.10. Create question interface 26](#_Toc390263326)

[2.11. Configuration interface 27](#_Toc390263327)

[2.12. Create index interface 31](#_Toc390263328)

[2.13. Help interface 33](#_Toc390263329)

[ Dictionary display system 36](#_Toc390263330)

[**3.** **Detail design (android app)** 38](#_Toc390263331)

[ Dictionary display system (android) 38](#_Toc390263332)

[3.1. Background 38](#_Toc390263333)

[3.2. List questions interface 39](#_Toc390263334)

[3.3. Detail of Q/A interface 40](#_Toc390263335)

[3.4. Create question interface 41](#_Toc390263336)

[ Dictionary management system 42](#_Toc390263337)

[3.5. Login interface 42](#_Toc390263338)

[3.6. Manage interface 43](#_Toc390263339)

[3.7. List-unanswer interface 44](#_Toc390263340)

[3.8. List-TempSave interface 45](#_Toc390263341)

[3.9. List-Saved interface 47](#_Toc390263342)

[3.10. List-Deleted interface 49](#_Toc390263343)

[3.11. List-Dict interface 50](#_Toc390263344)

[3.12. Create question interface 55](#_Toc390263345)

# **List of table**

[Table 1: Revision history 4](#_Toc390263221)

[Table 2: Danh sách business rule đăng kí 6](#_Toc390263222)

[Table 3: Describe Login/ logout interface 7](#_Toc390263223)

[Table 4: List busniess rule login/ logout 8](#_Toc390263224)

[Table 5: Describe login/logout interface 9](#_Toc390263225)

[Table 6: List business rule List-unanswer interface (home page) 9](#_Toc390263226)

[Table 7: Describe List-unanswer interface (home page) 11](#_Toc390263227)

[Table 8: List busniess rule List-TempSave interface 12](#_Toc390263228)

[Table 9: Describt List-TempSave interface 14](#_Toc390263229)

[Table 10: List busniess rule List-Saved interface 14](#_Toc390263230)

[Table 11: Describe List-Saved interface 16](#_Toc390263231)

[Table 12: List busniess rule List – Delete interface 16](#_Toc390263232)

[Table 13: Describe List – Delete interface 18](#_Toc390263233)

[Table 14: List business rule List-Dict interface 19](#_Toc390263234)

[Table 15: Describe List-Dict interface 23](#_Toc390263235)

[Table 16: List business rule Change password interface 23](#_Toc390263236)

[Table 17: Describe Change password interface 24](#_Toc390263237)

[Table 18: Describe View profile interface 26](#_Toc390263238)

[Table 19: Describe Create question interface 27](#_Toc390263239)

[Table 20: List business rule Configuration interface 27](#_Toc390263240)

[Table 21: Describe Configuration interface 31](#_Toc390263241)

[Table 22: Describe Create index interface 32](#_Toc390263242)

[Table 23: Describe Help interface 35](#_Toc390263243)

[Table 24: List business rule Dictionary display system 36](#_Toc390263244)

[Table 25: Describe Dictionary display system 37](#_Toc390263245)

[Table 26: Describe background (android app) 38](#_Toc390263246)

[Table 27: Danh sách business rule danh s ách c âu h ỏi (android app) 39](#_Toc390263247)

[Table 28: Describe list questions interface (android app) 39](#_Toc390263248)

[Table 29: Describe Detail of Q/A interface (android app) 40](#_Toc390263249)

[Table 30: List business rule Create question interface (android app) 41](#_Toc390263250)

[Table 31: Describe Create question interface (android app) 41](#_Toc390263251)

[Table 32: List business rule login (android app) 42](#_Toc390263252)

[Table 33: Describe Login interface (android app) 42](#_Toc390263253)

[Table 34: Describe Manage interface (android app) 43](#_Toc390263254)

[Table 35: List business rule List-unanswer interface (android app) 44](#_Toc390263255)

[Table 36: Describe List-unanswer interface (android app) 45](#_Toc390263256)

[Table 37: List business rule List-TempSave interface (android app) 45](#_Toc390263257)

[Table 38: Describe List-TempSave interface (android app) 46](#_Toc390263258)

[Table 39: List business rule List-Saved interface (android app) 47](#_Toc390263259)

[Table 40: Describe List-Saved interface (android app) 48](#_Toc390263260)

[Table 41: List business rule List-Deleted interface (android app) 49](#_Toc390263261)

[Table 42: Describe List-Deleted interface (android app) 50](#_Toc390263262)

[Table 43: List business rule List-Dict interface (android app) 50](#_Toc390263263)

[Table 44: Describe List-Dict interface (android app) 55](#_Toc390263264)

[Table 45: Describe Create question interface (android app) 55](#_Toc390263265)

# **Revision**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Version** | **Update date** | **Author** | **Content** |
| 1 | 1.0 | 02/26/2013 | Ta Ngoc Thien Phu | Create document |
| 2 | 1.1 | 03/14/2013 | Ngo Quang Huy | Update document-dictionary management system  Update some table |
| 3 | 1.2 | 03/18/2013 | Ngo Quang Huy | Add business rules  Update interface |
| 4 | 1.3 | 04/11/2014 | Ngo Quang Huy | Add business rules  Update interface |
| 5 | 1.4 | 04/23/2014 | Ngo Quang Huy | Update dictionary display system |
| 6 | 1.5 | 05/26/2014 | Ngo Quang Huy | Update dictionary management system |

Table 1: Revision history

# **Introduction**

## Purpose

* This purpose of this document is show view detail about architecture process and guide members how to coding in Admission system project

## Goal

* All members can overview about architecture process on detail aspect.
* Know task that they have to coding in sprints.

# **Detail design (Web)**

* Dictionary management system

## Register interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.06.01 | Username account are allowed to use only the characters [az] / [AZ] / [0-9] |
| BR.06.02 | User password must be at least 6 characters or more, including [az] / [AZ] / [0-9] and special characters |

Table 2: Danh sách business rule đăng kí

|  |  |
| --- | --- |
| **Screen Title:** Register interface | **Screen ID:** S13 |
| This interface prodive function to support user register new account. | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Register account |
| **Links (Screen ID):**   * Login interface |
| **Supported UID:**   * UC06.01 Register |
| **Database :** Users   * **ID** * **FullName** * **UserName** * **Password** * **Email** * **Authorization** (\*use int, authorization = 0 : admin, authorization = 1: user) | |

Table 3: Describe Login/ logout interface

## Login/ logout interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.06.03 | When Username or password is incorrect, System will display a message at the wrong place |

Table 4: List busniess rule login/ logout

|  |  |
| --- | --- |
| **Screen Title:** Login/logout interface | **Screen ID:** S12 |
| This interface provide function to support user access in the system and implement their responsibility. | **Version:** 2 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Login |
| **Links (Screen ID):**   * S01 List-unanswer interface (home page) * S13 Register interface |
| **Supported UID:**   * UC07.01 Login |
| **Database :** Users   * **ID** * **FullName** * **UserName** * **Password** * **Email** * **Authorization** (\*use int, authorization = 0 : admin, authorization = 1: user) | |

Table 5: Describe login/logout interface

## List-unanswer interface (home page)

**Bussiness rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.19 | Searching for return result of user name, no return result of others |
| BR.01.03 | It’s allowed deleting one or more question. |
| BR.01.05 | In the case of there are many people anwswer the same question, late answerer will receive notice “Mr/Ms XXX has answer this question” |
| BR.01.09 | Can’t delete these question forever. |
| BR.01.10 | Name of answerer must be attach with the answer. |
| BR.01.18 | When the user and administrator reply at the same time on same question,System will priority administrative over |
| BR.01.17 | When user response a question. Then the administrative edit that question, user are not allow to manage it. |
| BR.01.13 | Allow config page number and number record on each page. |

Table 6: List business rule List-unanswer interface (home page)

|  |  |
| --- | --- |
| **Screen Title:** List-unanswer interface (home page) | **Screen ID:** S01 |
| This is the home page when answerer login into dictionary management system. They can view and search question in unanswer list. They can choose any question in that to answer it. This interface provide functions: send mail, save question into List-TempSave, delete question. This page allow answerer deleeing one or more question at the same time. | **Version:** 2 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Search-dict * Send mail * Temp save * Delete question * Setting paging * Log out |
| **Links (Screen ID):**   * S02 List-TempSave interface * S03 List-Saved interface * S04 List-Deleted interface * S05 List-Dict interface * S06 Create question interface * S07 Create index interface * S08 Configure interface * S09 Help interface * S010 View profile interface. * S11 Change password interface * S12 Login/logout interface |
| **Supported UID:**   * UC02.01 Search * UC02.02 View question detail * UC02.03 Send Mail * UC02.04.01 Delete question * UC02.04.02 Delete more question * UC02.16 Pagination. * UC07.02 Logout |
| **Database Intranet - Table:** questionmanagement   * **ID** * **Title** * **Question** * **QuestionBy** * **QuestionEmail** * **Questiondate** * **Answer** * **AnswerBy** * **AnswerDate** * **UpdateBy** * **UpdateDate** * **Status** * **DeleteStatus** * **DeleteBy** * **DeleteDate** | |

Table 7: Describe List-unanswer interface (home page)

## List-TempSave interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.19 | Searching for return result of user name, no return result of others |
| BR.01.03 | It’s allowed deleting one or more question. |
| BR.01.05 | In the case of there are many people anwswer the same question, late answerer will receive notice “Mr/Ms XXX has answer this question” |
| BR.01.09 | Can’t delete these question forever. |
| BR.01.10 | Name of answerer must be attach with the answer. |
| BR.01.18 | When the user and administrator reply at the same time on same question,System will priority administrative over |
| BR.01.17 | When user response a question. Then the administrative edit that question, user are not allow to manage it. |
| BR.01.13 | Allow config page number and number record on each page. |

Table 8: List busniess rule List-TempSave interface

|  |  |
| --- | --- |
| **Screen Title:** List-TempSave interface | **Screen ID:** S02 |
| This interface content list-tempsaved .Answerers can view and search question in that list.This provide functions: send mail, save question, delete question. This page allow answerer deleeing one or more question at the same time.Answerers can send answer by mail, save or delete question. | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Search-dict * Send mail * Temp save * Delete question * Setting paging * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S03 List-Saved interface * S04 List-Deleted interface * S05 List-Dict interface * S06 Create question interface * S07 Create index interface * S08 Configure interface * S09 Help interface * S010 View profile interface. * S11 Change password interface * S12 Login/logout interface |
| **Supported UID:**   * UC02.01 Search * UC02.02 View question detail * UC02.03 Send Mail. * UC02.04.01 Delete question * UC02.04.02 Delete more question * UC02.16 Pagination. * UC07.02 Log out. |
| **Database Intranet - Table:** questionmanagement   * **ID** * **Title** * **Question** * **QuestionBy** * **QuestionEmail** * **Questiondate** * **Answer** * **AnswerBy** * **AnswerDate** * **UpdateBy** * **UpdateDate** * **Status** * **DeleteStatus** * **DeleteBy** * **DeleteDate** | |

Table 9: Describt List-TempSave interface

## List-Saved interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.19 | Searching for return result of user name, no return result of others |
| BR.01.03 | It’s allowed deleting one or more question. |
| BR.01.05 | In the case of there are many people anwswer the same question, late answerer will receive notice “Mr/Ms XXX has answer this question” |
| BR.01.09 | Can’t delete these question forever. |
| BR.01.10 | Name of answerer must be attach with the answer. |
| BR.01.18 | When the user and administrator reply at the same time on same question,System will priority administrative over |
| BR.01.17 | When user response a question. Then the administrative edit that question, user are not allow to manage it. |
| BR.01.13 | Allow config page number and number record on each page. |

Table 10: List busniess rule List-Saved interface

|  |  |
| --- | --- |
| **Screen Title:** List-Saved interface | **Screen ID:** S03 |
| This interface content list-saved .Answerers can view and search question in that list.This provide functions: Insert question into dict, delete question. | **Version:** 3 |
| **Last Changed:** 4/23/2014 |
|  | **Function:**   * Search-dict * Insert question into dict * Delete question. * Setting paging * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S04 List-Deleted interface * S05 List-Dict interface * S06 Create question interface * S07 Create index interface * S08 Configure interface * S09 Help interface * S010 View profile interface. * S11 Change password interface * S12 Login/logout interface |
| **Supported UID:**   * UC02.01 Tìm kiếm * UC02.02 Xem nội dung câu hỏi. * UC02.03 Tạo câu trả lời. * UC02.04.01 Xóa câu hỏi. * UC02.04.02 Xóa nhiều câu hỏi. * UC02.16 Thay đổi phân trang. * UC07.02 Đăng xuất. * UC02.06 Đưa vào từ điển |
| **Database Intranet - Table:** questionmanagement   * **ID** * **Title** * **Question** * **QuestionBy** * **QuestionEmail** * **Questiondate** * **Answer** * **AnswerBy** * **AnswerDate** * **UpdateBy** * **UpdateDate** * **Status** * **DeleteStatus** * **DeleteBy** * **DeleteDate** | |

Table 11: Describe List-Saved interface

## List – Delete interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | D**escription** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.13 | Allow config page number and number record on each page. |

Table 12: List busniess rule List – Delete interface

|  |  |
| --- | --- |
| **Screen Title:** List-deleted interface | **Screen ID:** S05 |
| This interface content list-deleted. Answerers can view and search question in that list.This provide functions: search-dict, recover question | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Search-dict * View detail question * Recover question * Setting paging * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S03 List-Saved interface * S05 List-Dict interface * S06 Create question interface * S07 Create index interface * S08 Configure interface * S09 Help interface * S010 View profile interface. * S11 Change password interface * S12 Login/logout interface |
| **Supported UID:**   * UC02.01 Search * UC02.02 View question detail * UC02.03 Send Mail. * UC02.04.01 Delete question * UC02.04.02 Delete more question * UC02.16 Pagination. * UC07.02 Log out. * UC02.06 Insert question into dict |
| **Database Intranet - Table:** questionmanagement   * **ID** * **Title** * **Question** * **QuestionBy** * **QuestionEmail** * **Questiondate** * **Answer** * **AnswerBy** * **AnswerDate** * **UpdateBy** * **UpdateDate** * **Status** * **DeleteStatus** * **DeleteBy** * **DeleteDate** | |

Table 13: Describe List – Delete interface

## List-Dict interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.03 | It’s allowed deleting one or more question. |
| BR.01.08 | Only administrator can insert question into dictionary. |
| BR.01.09 | Not allow delete these question forever. |
| BR.01.16 | When editing questions in the list of availble dictionaries, the question data which will be transferred to the form creation question. |
| BR.01.11 | Dictionaries to show the status question has come up a dictionary: Available,current,droped,deleted |
| BR.01.15 | Users drop questions out of the dictionary, it will automatically return to the droped list in the dictionary |
| BR.01.13 | Allow config page number and number record on each page. |

Table 14: List business rule List-Dict interface

|  |  |
| --- | --- |
| **Screen Title:** List – Dict interface | **Screen ID:** S04 |
| This interface content list-dict.Answerers can view and search question in that list.This provide functions: search-dict, insert-dict, delete question, recover-dict, drop-dict. | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Search-dict * Insert-Dict * Delete question * Recover-dict * Drop-Dict. * Setting paging * Log out. * Multi Recover-dict |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S03 List-Saved interface * S04 List-Deleted interface * S06 Create question interface * S07 Create index interface * S08 Configure interface * S09 Help interface * S010 View profile interface. * S11 Change password interface * S12 Login/logout interface. * S05.1 List-Dict (available) interface * S05.2 List-Dict (current) interface * S05 List-Dict (Droped) interface * S05 List-Dict (deleted) interface |
| **Supported UID:**   * UC02.01 Search * UC02.02 View question detail * UC02.09.01 Drop-dict. * UC02.09.02 Drop-dict more. * UC02.04.01 Delete question. * UC02.04.02 Delete more question. * UC02.16 Pagination * UC07.02 Log out. * UC02.08.01 Upload dict * UC02.08.02 Upload dict more * UC03.05.01 Restore question * UC03.05.02 Restore more question |
| **Database Intranet - Table:** Dictionary   * **ID** * **Title** * **Question** * **QuestionBy** * **QuestionEmail** * **Questiondate** * **Answer** * **AnswerBy** * **AnswerDate** * **UpdateBy** * **UpdateDate** * **Status** * **DeleteStatus** * **DeleteBy** * **DeleteDate** | |

Table 15: Describe List-Dict interface

## Change password interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.06.01 | Username account are allowed to use only the characters [az] / [AZ] / [0-9] |
| BR.06.02 | User password must be at least 6 characters or more, including [az] / [AZ] / [0-9] and special characters |

Table 16: List business rule Change password interface

|  |  |
| --- | --- |
| **Screen Title:** Change password interface | **Screen ID:** S11 |
| This interface provide function to support user change their password ensure the security of personal information | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Change password. * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S03 List-Saved interface * S04 List-Deleted interface * S05 List-Dict interface * S06 Create question interface * S07 Create index interface * S08 Configure interface * S09 Help interface * S010 View profile interface. * S12 Login/logout interface |
| **Supported UID:**   * UC07.02 Log out. * UC06.03 Change password |
| **Database :** Users   * **ID** * **FullName** * **UserName** * **Password** * **Email** * **Authorization** (\*Use int, authorization = 0 : admin, authorization = 1: user) | |

Table 17: Describe Change password interface

## View profile interface

|  |  |
| --- | --- |
| **Screen Title:** View profile interface | **Screen ID:** S010 |
| This interface prodive user profile to support user check their account information | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * View profile. * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S03 List-Saved interface * S04 List-Deleted interface * S05 List-Dict interface * S06 Create question interface * S07 Create index interface * S08 Configure interface * S09 Help interface * S11 Change password interface * S12 Login/logout interface |
| **Supported UID:**   * UC07.02 Logout * UC06.02 View profile. |
| **Database :** Users   * **ID** * **FullName** * **UserName** * **Password** * **Email** * **Authorization** (\*Use int, authorization = 0 : admin, authorization = 1: user) | |

Table 18: Describe View profile interface

## Create question interface

|  |  |
| --- | --- |
| **Screen Title:** Create question interface | **Screen ID:** S06 |
| This interface provide functions to support user create question-answer and insert them into dictionary. | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Create question and insert in to dict. * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S03 List-Saved interface * S04 List-Deleted interface * S05 List-Dict interface * S07 Create index interface * S08 Configure interface * S09 Help interface * S010 View profile interface. * S11 Change password interface * S12 Login/logout interface |
| **Supported UID:**   * UC07.02 Logout * UC02.11 Create question |
| **Database Intranet - Table:** questionmanagement   * **ID** * **Title** * **Question** * **QuestionBy** * **QuestionEmail** * **Questiondate** * **Answer** * **AnswerBy** * **AnswerDate** * **UpdateBy** * **UpdateDate** * **Status** * **DeleteStatus** | |

Table 19: Describe Create question interface

## Configuration interface

**Business rule**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.14 | User are allow to configure mail server on management system |

Table 20: List business rule Configuration interface

|  |  |
| --- | --- |
| **Screen Title:** Configuration interface | **Screen ID:** S08 |
| This support for admin refine system such as : user configuration, system configuration and mail configuration | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Config user. * Config system. * Config mail. * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S03 List-Saved interface * S04 List-Deleted interface * S05 List-Dict interface * S06 Create question interface * S07 Create index interface * S09 Help interface * S010 View profile interface. * S11 Change password interface * S12 Login/logout interface * S8.1 Configure user interface * S8.2 Configure system interface * S8.3 Configure mail interface |
| **Supported UID:**   * UC02.12 User config * UC02.13 Mail config * UC02.14 System config * UC07.02 Log out. |
| **Database Intranet - Table:** questionmanagement   * **ID** * **Title** * **Question** * **QuestionBy** * **QuestionEmail** * **Questiondate** * **Answer** * **AnswerBy** * **AnswerDate** * **UpdateBy** * **UpdateDate** * **Status** * **DeleteStatus** | |

Table 21: Describe Configuration interface

## Create index interface

|  |  |
| --- | --- |
| **Screen Title:** Create index interface | **Screen ID:** S07 |
| Giao diện này hỗ trợ admin thực hiện tinh chỉnh cho hệ thống như cấu hình người dùng,cấu hình hệ thống và cấu hình mail | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Create index * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S03 List-Saved interface * S04 List-Deleted interface * S05 List-Dict interface * S06 Create question interface * S08 Configure interface * S09 Help interface * S10 View profile interface. * S11 Change password interface * S12 Login/logout interface |
| **Supported UID:**   * UC07.02 Logout. * UC02.10 Create index. |
| **Database Intranet - Table:** questionmanagement   * **ID** * **Title** * **Question** * **QuestionBy** * **QuestionEmail** * **Questiondate** * **Answer** * **AnswerBy** * **AnswerDate** * **UpdateBy** * **UpdateDate** * **Status** * **DeleteStatus** | |

Table 22: Describe Create index interface

## Help interface

|  |  |
| --- | --- |
| **Screen Title:** Help interface | **Screen ID:** S09 |
| Giao diện này hỗ trợ admin thực hiện tinh chỉnh cho hệ thống như cấu hình người dùng, cấu hình hệ thống và cấu hình mail | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Guide: how to use this website. * Log out |
| **Links (Screen ID):**   * S01 List-unanswer interface * S02 List-TempSave interface * S03 List-Saved interface * S04 List-Deleted interface * S05 List-Dict interface * S06 Create question interface * S07 Create index interface * S08 Configure interface * S010 View profile interface. * S11 Change password interface * S12 Login/logout interface |
| **Supported UID:**   * UC07.02 Logout. * UC02.15 Help |
|  | |

Table 23: Describe Help interface

* Dictionary display system

**Bussiness rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.03.01 | The default display page numbers are 10. |
| BR. 03.02 | Keyword must be retained after searching. |
| BR. 03.03 | Searching follow contents and title of questions. |
| BR. 03.04 | After a question send to dictionary management system, user will receive a notice. |
| BR. 03.05 | completed mandatory information: email, full name, content question |

Table 24: List business rule Dictionary display system

|  |  |
| --- | --- |
| **Screen Title:** Display interface (home page) | **Screen ID:** H01 |
| This is homepage when user access on dictionary display system.Users can view and search question in that page.This page provide functions: Search-dict, create question, view question detail. | **Version:** 1 |
| **Last Changed:** 03/28/2014 |
|  | **Function:**   * Search-dict * Create question * View question detail |
| **Links (Screen ID):** |
| **Supported UID:**   * UC03.01 Search question. * UC03.02 View detail. * UC03.03 Create question. * UC03.04 Pagination |
| **Database Internet - Table:** dictionary   * **ID** * **Question** * **Answer** * **CreateDate** | |

Table 25: Describe Dictionary display system

# **Detail design (android app)**

* Dictionary display system (android)

## Background

|  |  |
| --- | --- |
| **Screen Title:** Back ground | **Screen ID:** S01 |
| Boot interface of dictionary display system | **Version:** 1 |
| **Last Changed:** 06/05/2014 |
| C:\Users\huy\Desktop\Background.jpg | **Function:** |
| **Links (Screen ID):** |
| **Supported UID:** |
|  | |

Table 26: Describe background (android app)

## List questions interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.05.01 | The default display page numbers are 10. |
| BR.05.02 | Keyword must be retained after searching. |
| BR.05.03 | Searching follow contents and title of questions. |
| BR.05.04 | After a question send to dictionary management system, user will receive a notice. |
| BR.05.05 | completed mandatory information: email, full name, content question |

Table 27: Danh sách business rule danh s ách c âu h ỏi (android app)

|  |  |
| --- | --- |
| **Screen Title:** List questions interface | **Screen ID:** S02 |
| This is home page of Dictionaty display system (Android app). This provide function to show all questions in the dictionary, and the ability to support users in search question list. | **Version:** 1 |
| **Last Changed:** 06/05/2014 |
|  | **Function:**   * Search question |
| **Links (Screen ID):**   * S04 Create question |
| **Supported UID:**   * UC05.01 Search question in android app |
| Use **Database Internet - Table:** dictionary through web service on Dictionary dislay system | |

Table 28: Describe list questions interface (android app)

## Detail of Q/A interface

|  |  |
| --- | --- |
| **Screen Title:** Detail of Q/A interface | **Screen ID:** S03 |
| Supporting users see detailed question is selected. | **Version:** 1 |
| **Last Changed:** 06/05/2014 |
|  | **Function:**   * Show detail of QA |
| **Links (Screen ID):** |
| **Supported UID:**   * UC05.02 Detail Q/A |
| Use **Database Internet - Table:** dictionary through web service on Dictionary dislay system | |

Table 29: Describe Detail of Q/A interface (android app)

## Create question interface

**Business rule**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.05.06 | * Khi gửi câu hỏi,gửi luôn không cần xác nhận |
| BR.05.07 | * Trong quá trình gửi câu hỏi gặp lỗi,phải thông báo đến cho người dùng |
| BR.05.05 | * Ràng buộc email, họ tên, nội dung câu hỏi… |

Table 30: List business rule Create question interface (android app)

|  |  |
| --- | --- |
| **Screen Title:** Create question | **Screen ID:** S01 |
| Allows users to create and send questions to the Answer Department. | **Version:** 1 |
| **Last Changed:** 06/05/2014 |
|  | **Function:**   * Create question |
| **Links (Screen ID):**   * S02 List question |
| **Supported UID:**   * UC05.03 Create question |
| Use **Database Internet - Table: dictionary** through web service on Dictionary dislay system | |

Table 31: Describe Create question interface (android app)

* Dictionary management system

## Login interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.06.03 | When Username or password is incorrect, System will display a message at the wrong place |

Table 32: List business rule login (android app)

|  |  |
| --- | --- |
| **Screen Title:** Login/ logout interface | **Screen ID:** A1 |
| This interface provide function to support user access in the system and implement their responsibility. | **Version:** 2 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Login |
| **Links (Screen ID):**   * A03 List-unanswer interface (home page) |
| **Supported UID:**   * UC07.03 Login android app |
| Use **Database Internet - Table: user** through web service on Dictionary management system | |

Table 33: Describe Login interface (android app)

## Manage interface

|  |  |
| --- | --- |
| **Screen Title:** Manage interface | **Screen ID:** A2 |
| Đây là giao diện hỗ trợ người dùng chọn danh sách để làm việc hoặc thực hiện đăng xuất | **Version:** 2 |
| **Last Changed:** 04/23/2014 |
|  | **Function:**   * Mở các danh sách câu hỏi. * Đăng xuất. |
| **Links (Screen ID):**   * A03 List-unanswer interface (home page) * A03 List-TempSave interface * A03 List-Saved interface * A03 List-deleted interface * A03 List-Dict interface * A03 Create question interface |
| **Supported UID:**   * UC07.04 Đăng xuất android app |
|  | |

Table 34: Describe Manage interface (android app)

## List-unanswer interface

**Bussiness rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.19 | Searching for return result of user name, no return result of others |
| BR.01.03 | It’s allowed deleting one or more question. |
| BR.01.05 | In the case of there are many people anwswer the same question, late answerer will receive notice “Mr/Ms XXX has answer this question” |
| BR.01.09 | Can’t delete these question forever. |
| BR.01.10 | Name of answerer must be attach with the answer. |
| BR.01.18 | When the user and administrator reply at the same time on same question,System will priority administrative over |
| BR.01.17 | Searching follow contents and title of questions |
| BR.01.13 | It’s not allowed searching by special characters. |

Table 35: List business rule List-unanswer interface (android app)

|  |  |
| --- | --- |
| **Screen Title:** List-unanswer interface (home page) | **Screen ID:** A3 |
| This is the home page when answerer login into dictionary management system. They can view and search question in unanswer list. They can choose any question in that to answer it. This interface provide functions: send mail, save question into List-TempSave, delete question. This page allow answerer deleeing one or more question at the same time. | **Version:** 2 |
| **Last Changed:** 04/23/2014 |
| C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-19-53.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-20-32.png | **Function:**   * Search question * Send mail * Save question into * List-tempSave * Delete question |
| **Links (Screen ID):**   * A2 Manage interface |
| **Supported UID:**   * UC04.01 Tìm kiếm trên android app * UC04.02 Xem nội dung câu hỏi trên android app * UC04.03 Tạo câu trả lời * UC04.04 Xóa câu trả lời. |
| Use **Database Intranet - Table: questionmanagement** through web service on Dictionary management system | |

Table 36: Describe List-unanswer interface (android app)

## List-TempSave interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.19 | Searching for return result of user name, no return result of others |
| BR.01.03 | It’s allowed deleting one or more question. |
| BR.01.05 | In the case of there are many people anwswer the same question, late answerer will receive notice “Mr/Ms XXX has answer this question” |
| BR.01.09 | Can’t delete these question forever. |
| BR.01.10 | Name of answerer must be attach with the answer. |
| BR.01.18 | When the user and administrator reply at the same time on same question,System will priority administrative over |
| BR.01.17 | When user response a question. Then the administrative edit that question, user are not allow to manage it. |
| BR.01.13 | Allow config page number and number record on each page. |

Table 37: List business rule List-TempSave interface (android app)

|  |  |
| --- | --- |
| **Screen Title:** List-TempSave interface | **Screen ID:** A04 |
| This interface content list-tempsaved .Answerers can view and search question in that list.This provide functions: send mail, save question, delete question. This page allow answerer deleeing one or more question at the same time.Answerers can send answer by mail, save or delete question. | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
| C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-21-33.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-22-37.png | **Function:**   * Search question * Send mail * Save question into List-tempSave * Delete question |
| **Links (Screen ID):**   * A02 Manage interface |
| **Supported UID:**   * UC04.01 Tìm kiếm trên android app * UC04.02 Xem nội dung câu hỏi trên android app * UC04.03 Tạo câu trả lời * UC04.04 Xóa câu trả lời. |
| Use **Database Intranet - Table: questionmanagement** through web service on Dictionary management system | |

Table 38: Describe List-TempSave interface (android app)

## List-Saved interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.19 | Searching for return result of user name, no return result of others |
| BR.01.03 | It’s allowed deleting one or more question. |
| BR.01.05 | In the case of there are many people anwswer the same question, late answerer will receive notice “Mr/Ms XXX has answer this question” |
| BR.01.09 | Can’t delete these question forever. |
| BR.01.10 | Name of answerer must be attach with the answer. |
| BR.01.18 | When the user and administrator reply at the same time on same question,System will priority administrative over |
| BR.01.17 | When user response a question. Then the administrative edit that question, user are not allow to manage it. |
| BR.01.13 | Allow config page number and number record on each page. |

Table 39: List business rule List-Saved interface (android app)

|  |  |
| --- | --- |
| **Screen Title:** List-Saved interface | **Screen ID:** A05 |
| This interface content list-saved .Answerers can view and search question in that list.This provide functions: Insert question into dict, delete question. | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
| C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-22-56.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-23-05.png | **Function:**   * Search question * Send mail * Insert dict * Delete question |
| **Links (Screen ID):**   * A02 Manage interface |
| **Supported UID:**   * UC04.01 Tìm kiếm trên android app * UC04.02 Xem nội dung câu hỏi trên android app * UC04.04 Xóa câu trả lời. * UC04.06 Đưa vào từ điển trên android app |
| Use **Database Intranet - Table: questionmanagement** through web service on Dictionary management system | |

Table 40: Describe List-Saved interface (android app)

## List-Deleted interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.13 | Allow config page number and number record on each page. |

Table 41: List business rule List-Deleted interface (android app)

|  |  |
| --- | --- |
| **Screen Title:** List-deleted interface | **Screen ID:** A06 |
| This interface content list-deleted .Answerers can view and search question in that list.This provide functions: search-dict, recover question. | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
| C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-24-28.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-24-45.png | **Function:**   * Search question * Recover question |
| **Links (Screen ID):**   * A02 Manage interface |
| **Supported UID:**   * UC04.01 Tìm kiếm trên android app * UC04.05 Khôi phục câu hỏi trên android app |
| Use **Database Intranet - Table: questionmanagement** through web service on Dictionary management system | |

Table 42: Describe List-Deleted interface (android app)

## List-Dict interface

**Business rule:**

|  |  |
| --- | --- |
| **ID** | **Description** |
| BR.01.01 | Searching follow contents and title of questions |
| BR.01.02 | It’s not allowed searching by special characters. |
| BR.01.03 | It’s allowed deleting one or more question. |
| BR.01.08 | Only administrator can insert question into dictionary. |
| BR.01.09 | Not allow delete these question forever. |
| BR.01.16 | When editing questions in the list of availble dictionaries, the question data which will be transferred to the form creation question. |
| BR.01.11 | Dictionaries to show the status question has come up a dictionary: Available,current,droped,deleted |
| BR.01.15 | Users drop questions out of the dictionary, it will automatically return to the droped list in the dictionary |

Table 43: List business rule List-Dict interface (android app)

|  |  |
| --- | --- |
| **Screen Title:** List-Dict interface | **Screen ID:** A07 |
| This interface content list-dict.Answerers can view and search question in that list.This provide functions: search-dict, insert-dict, delete question, recover-dict, drop-dict | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
| C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-26-22.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-27-04.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-26-28.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-27-31.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-26-36.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-15-53-50.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-30-08.png  C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-30-14.png | **Function:**   * Search question * Drop dict * Delete question |
| **Links (Screen ID):**   * A02 Manage interface |
| **Supported UID:**   * UC04.01 Tìm kiếm trên android app * UC04.02 Xem nội dung câu hỏi trên android app * UC04.04 Xóa câu trả lời. * UC04.08 Đăng câu hỏi lên internet trên android app. * UC04.09 Hạ câu hỏi khỏi internet trên android app. |
| Use **Database Intranet - Table: dictionary** through web service on Dictionary management system | |

Table 44: Describe List-Dict interface (android app)

## Create question interface

|  |  |
| --- | --- |
| **Screen Title:** Create question interface | **Screen ID:** A08 |
| This interface provide functions to support user create question-answer and insert them into dictionary. | **Version:** 3 |
| **Last Changed:** 04/23/2014 |
| C:\Users\Admin\Desktop\huy\Screenshot_2014-06-03-14-26-08.png | **Function:**   * Create question |
| **Links (Screen ID):**   * A02 Manage interface |
| **Supported UID:**   * UC04.10 Tạo câu hỏi trên android app. |
| Use **Database Intranet - Table: questionmanagements** through web service on Dictionary management system | |

Table 45: Describe Create question interface (android app)