**Interface Design**

Admission system

**Contents**

[**List of table** 2](#_Toc391425156)

[**Revision** 3](#_Toc391425157)

[**1.** **Introduction** 4](#_Toc391425158)

[1.1. Purpose of document 4](#_Toc391425159)

[**2.** **Interface Design** 4](#_Toc391425160)

[2.1. Dictionary display system 4](#_Toc391425161)

[2.1.1. Update dictionary 4](#_Toc391425162)

[2.1.2. Search question 5](#_Toc391425163)

[2.1.3. Create question 5](#_Toc391425164)

[2.2. Dictionary management system 6](#_Toc391425165)

[2.2.1. Create Index File 6](#_Toc391425166)

[2.2.2. Insert question 6](#_Toc391425167)

[2.2.3. Reply question 7](#_Toc391425168)

[2.2.4. Drop question 7](#_Toc391425169)

[2.2.5. Save question 7](#_Toc391425170)

[2.2.6. Delete question 7](#_Toc391425171)

[2.2.7. Search question 8](#_Toc391425172)

# **List of table**

[Table 1: Revision history 3](#_Toc391425173)

[Table 2: Update dictionary 4](#_Toc391425174)

[Table 3: Search question 5](#_Toc391425175)

[Table 4: Create question 5](#_Toc391425176)

[Table 5: Create index file 6](#_Toc391425177)

[Table 6: Insert question 7](#_Toc391425178)

[Table 7: Reply question 7](#_Toc391425179)

[Table 8: Drop question 7](#_Toc391425180)

[Table 9: Save question 7](#_Toc391425181)

[Table 10: Delete question 7](#_Toc391425182)

[Table 11: Search question 8](#_Toc391425183)

[Table 12: Treating search 8](#_Toc391425184)

[Table 13: Create question from android 9](#_Toc391425185)

[Table 14: Search question 9](#_Toc391425186)

[Table 15: Reply question 10](#_Toc391425187)

[Table 16: Insert into dictionary (android) 10](#_Toc391425188)

[Table 17: Drop dict (android) 10](#_Toc391425189)

# **Revision**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Version** | **Update date** | **Author** | **Content** |
| 1 | 1.0 | 01/25/2014 | Ta Ngoc Thien Phu | Create Document |

Table 1: Revision history

# **Introduction**

## Purpose of document

Interface document describe interfaces that is designed in architecture document

# **Interface Design**

## Dictionary display system



### Update dictionary

|  |  |
| --- | --- |
| Element Name | Update dictionary |
| Perspective | Dynamic |
| Interface sematic | Update dictionary support dictionary display system to receive question that is sent from dictionary management system, update question to database and update index file |
| Provide | * Provide service to receive request about update dictionary |
| Require | * Dictionary Management System provide question that is replied and inserted to dictionary |
| Pre-condition | * Question have to replied and inserted to dictionary |
| Post-condition | * Question that is sent from DMS to DDS have to create on Internet DB * Index file have to updated |

Table 2: Update dictionary

### Search question

|  |  |
| --- | --- |
| Element Name | Search question |
| Perspective | Dynamic |
| Interface sematic | Search question support DDS search question and return result to “Display” |
| Provide | * Provide service to received keyword from “Display” |
| Require | * “Display” provide keyword |
| Pre-condition | * Only search question that inserted to dictionary |
| Post-condition | * Result have to return to “Display” |

Table 3: Search question

### Create question

|  |  |
| --- | --- |
| Element Name | Create question |
| Perspective | Dynamic |
| Interface sematic | Create question support user who want send question to answer department |
| Provide | * Provide service to received information about question of users and send this question to DMS |
| Require | * “Display provide information of question |
| Pre-condition | * DDS provide interface to users can send question |
| Post-condition | * Question have to send to DMS |

Table 4: Create question

## Dictionary management system



### Create Index File

|  |  |
| --- | --- |
| Element Name | Create Index File |
| Perspective | Dynamic |
| Interface sematic | Create Index File support for system manager can create index file |
| Provide | * Provide service to receive create index request from “Display” |
| Require | * “Display” require create index file |
| Pre-condition | * System manager want to create new index file |
| Post-condition | * Index file is created |

Table 5: Create index file

### Insert question

|  |  |
| --- | --- |
| Element Name | Insert question |
| Perspective | Dynamic |
| Interface sematic | Insert question support for system manager can insert question to dictionary |
| Provide | * Provide service to receive Insert Question request from “Display” |
| Require | * “Display” provide question that need insert to dictionary |
| Pre-condition | * Question have to replied |
| Post-condition | * Question is inserted to dictionary |

Table 6: Insert question

### Reply question

|  |  |
| --- | --- |
| Element Name | Reply question |
| Perspective | Dynamic |
| Interface sematic | Reply question support answer department can reply question of users |
| Provide | * Provide service to receive answer from “Display” * Provide answer to “Email server” |
| Require | * “Display” provide answer |
| Pre-condition | * Question haven’t to reply |
| Post-condition | * Answer have to send to users |

Table 7: Reply question

### Drop question

|  |  |
| --- | --- |
| Element Name | Drop question |
| Perspective | Dynamic |
| Interface sematic | Drop question support system manager can drop question from dictionary |
| Provide | * Provide service to receive drop question request from “Display” |
| Require | * “Display” provide question that need drop |
| Pre-condition | * Question have to insert to dictionary |
| Post-condition | * Question is drop from dictionary |

Table 8: Drop question

### Save question

|  |  |
| --- | --- |
| Element Name | Save question |
| Perspective | Dynamic |
| Interface sematic | Save question support for DMS the ability to save question when DDS send question to DMS |
| Provide | * Provide service to require save question from DDS |
| Require | * DDS provide information of question |
| Pre-condition | * Question don’t have answer |
| Post-condition | * Question is saved on Intranet DB |

Table 9: Save question

### Delete question

|  |  |
| --- | --- |
| Element Name | Delete question |
| Perspective | Dynamic |
| Interface sematic | Delete question support system manager the ability to delete question |
| Provide | * Provide service to receive request delete question from “Display” |
| Require | * “Display” provide question that need delete |
| Pre-condition | * Question have to created |
| Post-condition | * Question is deleted |

Table 10: Delete question

### Search question

|  |  |
| --- | --- |
| Element Name | Search question |
| Perspective | Dynamic |
| Interface sematic | Search question support the ability to receive keyword from “Display” and return result to “Display” |
| Provide | * Provide service to receive keyword from “Display” |
| Require | * “Display” provide keyword |
| Pre-condition | * Only search question that is insert to dictionary |
| Post-condition | * Result is sent to “Display” |

Table 11: Search question

* 1. Web service – DDS



* + 1. Treating search.

|  |  |
| --- | --- |
| Element Name | Search question |
| Perspective | Dynamic |
| Interface sematic | Search question support the ability to receive keyword from “Display-android” and return result to “Display-android” |
| Provide | * Provide service to receive keyword from “Display-android” |
| Require | * “Display-android” provide keyword |
| Pre-condition | * Only search question that is insert to dictionary |
| Post-condition | * Result is sent to “Display-android” |

Table 12: Treating search

* + 1. Create question from android

|  |  |
| --- | --- |
| Element Name | Create question |
| Perspective | Dynamic |
| Interface sematic | Create question support the ability received question from DDS-android |
| Provide | * Provide service to received information about question of users from DDS-android and send this question to DMS |
| Require | * “Display - android” provide information of question |
| Pre-condition | * Question have to create from DDS-android |
| Post-condition | * Question have to send to DMS |

Table 13: Create question from android

* 1. Web service - DMS



1. Search question

|  |  |
| --- | --- |
| Element Name | Search question |
| Perspective | Dynamic |
| Interface sematic | Search question support the ability to receive keyword from “Display-android” and return result to “Display-android” |
| Provide | * Provide service to receive keyword from “Display-android” |
| Require | * “Display-android” provide keyword |
| Pre-condition | * Only search question that is insert to dictionary |
| Post-condition | * Result is sent to “Display-android” |

Table 14: Search question

1. Reply question

|  |  |
| --- | --- |
| Element Name | Reply question |
| Perspective | Dynamic |
| Interface sematic | Reply question the ability to receive answer from DMS-android and send mail to user |
| Provide | * Provide service to receive answer from “Display-android” |
| Require | * “Display-android” provide content of answer |
| Pre-condition | * Question haven’t answer |
| Post-condition | * Answer have to send mail to users |

Table 15: Reply question

1. Insert into dictionary (android)

|  |  |
| --- | --- |
| Element Name | Insert question |
| Perspective | Dynamic |
| Interface sematic | Insert question support for system manager can insert question to dictionary by DMS-android |
| Provide | * Provide service to receive Insert Question request from “Display-android” |
| Require | * “Display-android” provide question that need insert to dictionary |
| Pre-condition | * Question have to replied |
| Post-condition | * Question is inserted to dictionary |

Table 16: Insert into dictionary (android)

1. Drop dict (android)

|  |  |
| --- | --- |
| Element Name | Drop question |
| Perspective | Dynamic |
| Interface sematic | Drop question support system manager can drop question from dictionary by DMS-android |
| Provide | * Provide service to receive drop question request from “Display-android” |
| Require | * “Display-android” provide question that need drop |
| Pre-condition | * Question have to insert to dictionary |
| Post-condition | * Question is drop from dictionary |

Table 17: Drop dict (android)