

Use-case Description

Van Lang Admissions

# Revision Table

|  |  |  |  |
| --- | --- | --- | --- |
| **Author** | **Date** | **Reason for changes** | **Version** |
| Khoi Nguyen | 18/05/2017 | Update usecase feature Manage News and feature Manage Question | 1.1 |
| Minh Doan | 20/05/2017 | Update usecase features Manage Accounts + Manage Banners + Manage Categories + Manage Examination | 1.2 |
| Khoi Nguyen | 24/5/2017 | Fix logo | 1.3 |

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# INTRODUCTION

## Purpose

* This document is description about vision and scope of Van Lang Admissions project. It shows the vision what BSS – Team wants to toward and the scope of project for BSS – Team doesn’t exceed the limit of project.

## Audience

* The main audiences of this document are: Mentor, Base Steps Solution Team and customer.

# Use case Descriptions

## Manage accounts

### Log in

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-01 Log in | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2016 | Date Update: | 18/05/2017 |
| Description: | Admin, Editor, Education staff, System admin log in system | | |
| Users: | Admin, Editor, Education staff, System admin | | |
| Trigger: | Admin, Editor, Education staff, System admin click button Login. | | |
| Pre-Conditions: | Admin, Editor, Education staff, System admin must have an account in system and being in “Login CMS” page | | |
| Post-Conditions: | Success: Admin, Editor, Education staff, System admin log-in system successfully. | | |
| Basic Flow: | 1. System open login form. 2. Admin, Editor, Education staff, System admin input account and password. 3. User click button “Login”. 4. System compare data with database. 5. System open “CMS page”. 6. End of use-case | | |
| Alternate Flow: |  | | |
| Exception Flows: | EF1: Admin, Editor, Education staff, System admin input wrong account or password: (after step 4)   1. System notifies “Incorrect account or password”.   EF2: System can’t connect Database: (after step 3)   1. System notify “Can’t connect to database, please try again”. 2. System move to 404 page | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business Rules | 1. Input fields have a limit under 100 characters. 2. Password must have censor. | | |
| Mock up |  | | |

### Log out

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-02 Log out | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2015 | Date Update: | 18/05/2017 |
| Description: | Admin, Editor, Education staff, System admin log out system. | | |
| Users: | Admin, Editor, Education staff, System admin | | |
| Trigger: | Admin, Editor, Education staff, System admin click button “LOGOUT” | | |
| Pre-Conditions: | Admin, Editor, Education staff, System admin logged in system. | | |
| Post-Conditions: | Success: Admin, Editor, Education staff, System admin log-out system successfully. | | |
| Basic Flow: | 1. User clicks “LOGOUT” button 2. System shows “LOGIN” page 3. End of use case. | | |
| Alternate Flow: | AF1: Admin, Editor, Education staff, System admin cancel log out: (after step 1)   1. User click button “Cancel”. 2. System close log out alert dialog | | |
| Exception Flows: | EF1: System can’t connect Database: (after step 2)   1. System notify “Can’t connect to database”. 2. System move to 404 page. | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business Rules |  | | |
| Mock up |  | | |

### Create account

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-03 Create Account | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2016 | Date Update: | 18/05/2017 |
| Description: | System admin creates a new account for somebody | | |
| Users: | System admin | | |
| Trigger: | System admin click button “Create Account” | | |
| Pre-Conditions: | System admin must have account’s admin and being in “Create Account” page. | | |
| Post-Conditions: | Success: System admin creates a new account successfully. | | |
| Basic Flow: | 1. System show “create new account form”. 2. System admin inputs information of new account. 3. System admin clicks button “CREATE ACCOUNT” 4. System check input data 5. System add new account into database 6. System notifies “Create success” 7. End of use case. | | |
| Alternate Flow: | AF1: System admin cancel create new account: (after step 2)  3. System admin chooses new function.  4. System close create new account form. | | |
| Exception Flows: | EF1: System admin input invalid information: (after step 4)   1. System notify “Invalid data. Please check again”. 2. System focus into invalid field.   EF2: System can’t connect Database: (after step 3)  4.System notify “Can’t connect to database”.  5.System move to 404 page | | |
| Priority | High | | |
| Frequency of use | Often | | |
| Business Rules | 1. Input fields have a limit under 100 characters. 2. Password must have censor. | | |
| Mock up |  | | |

### Edit account

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-04 Edit Account | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2016 | Date Update: | 18/05/2017 |
| Description: | System Admin edits information of their account | | |
| Users: | System Admin | | |
| Trigger: | System Admin clicks button “Edit” button | | |
| Pre-Conditions: | System Admin has logged in CMS page and being in “Edit Profile” page | | |
| Post-Conditions: | Success: System Admin edits the account successfully. | | |
| Basic Flow: | 1. System shows “Edit Profile” form. 2. System Admin edits information. 3. System Admin clicks button “EDIT ACCOUNT” 4. System check input data. 5. System update new information into database. 6. System notify “Edit Success” 7. End of use case. | | |
| Alternate Flow: | AF1: User cancel edit account: (after step 2)   1. User chooses other function. 2. System closes “Edit Profile” page. | | |
| Exception Flows: | EF1: Admin, Editor, Education staff input invalid information: (after step 4)   1. System notifies “Invalid data. Please check again”. 2. System focus to invalid field   EF2: System can’t connect Database: (after step 5)  6.The system notifies “Can’t connect the database, please try again”.  7.System move to 404 page | | |
| Priority | High | | |
| Frequency of use | Sometimes | | |
| Business Rules | 1. Input fields have a limit under 100 characters. 2. Email is not fixed. | | |
| Mock up |  | | |

### Search account

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-05 Search Account | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2016 | Date Update: | 18/05/2017 |
| Description: | System Admin search account | | |
| Users: | System Admin | | |
| Trigger: | Input key search | | |
| Pre-Conditions: | System Admin must in “View List Account” page | | |
| Post-Conditions: | Success: System show accounts match with key search. | | |
| Basic Flow: | 1. System Admin inputs key search in search field. 2. System shows accounts match with key search. 3. End of use case. | | |
| Alternate Flow: |  | | |
| Exception Flows: | EF1: System can’t connect Database: (after step 2)   1. The system notifies “Can’t connect the database, please try again”. 2. System move to 404 page | | |
| Priority | High | | |
| Frequency of use | Often | | |
| Business Rules | Key search has a limit under 100 characters. | | |
| Mock up |  | | |

### Forget password

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-06.1 Forget Password (Send link create new password) | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2016 | Date Update: | 18/05/2017 |
| Description: | System Admin, Content Admin, Editor, Education staff forget password and want to receive password | | |
| Users: | System Admin, Content Admin, Editor, Education staff. | | |
| Trigger: | System Admin, Content Admin, Editor, Education staff click button “Forget password” | | |
| Pre-Conditions: | System Admin, Content Admin, Editor, Education staff must have an account in system and being in “Login” page. | | |
| Post-Conditions: | Success: System Admin, Content Admin, Editor, Education staff receive new password successfully in email. | | |
| Basic Flow: | 1. User clicks “Forget Password”. 2. System shows “Forget password form”. 3. User inputs their email. 4. User clicks button “Ok” 5. System checks email. 6. System sends new password to their email. 7. System notifies “Your Request Is Sent, Please Check Your Email” 8. User checks their email to get password. 9. End of use case. | | |
| Alternate Flow: | AF1: Admin, Editor, Education staff cancel “forget password” (after step 2):   1. System Admin, Content Admin, Editor, Education staff click button “X”. 2. System close “Forget password form”. | | |
| Exception Flows: | EF1: Admin, Editor, Education staff input wrong email: (after step 4)   1. System notify “Invalid data. Please check again”. 2. System back to “Forget password form”.   EF2: System can’t connect database: (after step 4)   1. The system notifies “Can’t connect the database, please try again”. | | |
| Priority | Medium | | |
| Frequency of use | Sometimes | | |
| Business Rules | 1. Input fields have a limit under 100 characters. | | |
| Mock up |  | | |

### View profile

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-07 View Profile of Account | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2016 | Date Update: | 18/05/2017 |
| Description: | Content Admin, System Admin, Editor, Education staff view the detail of their account | | |
| Users: | Content Admin, System Admin, Editor, Education staff | | |
| Trigger: | Content Admin, System Admin, Editor, Education staff click button “View profile” | | |
| Pre-Conditions: | Content Admin, System Admin, Editor, Education staff must login CMS page | | |
| Post-Conditions: | Success: Content Admin, System Admin, Editor, Education staff view profile account successfully. | | |
| Basic Flow: | 1. User clicks profile button. 2. System show profile account form. 3. End of use case | | |
| Alternate Flow: | N/A | | |
| Exception Flows: | EF1: System can’t connect database: (after step 1)   1. The system notifies “Can’t connect the database, please try again” | | |
| Priority | High | | |
| Frequency of use | Often | | |
| Business Rules |  | | |
| Mock up |  | | |

### View list account

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-08 View List Account | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2016 | Date Update: | 18/05/2017 |
| Description: | System admin views list of account | | |
| Users: | System admin | | |
| Trigger: | System admin clicks “View List Account” | | |
| Pre-Conditions: | System admin log in website.  The system must have account in database. | | |
| Post-Conditions: | Success: System admin view accounts list successfully. | | |
| Basic Flow: | 1. User clicks Manage Account then clicks View List Account 2. System show list of account 3. End of use case | | |
| Alternate Flow: | N/A | | |
| Exception Flows: | EF1: System can’t connect database: (after step 1)   1. The system notifies “Can’t connect the database, please try again” | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business Rules |  | | |
| Mock up |  | | |

### Authorize

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-09 Authorize | | | |
| Creator: | Hien Nguyen | Person Update: | Minh Doan |
| Creation date: | 4/12/2016 | Date Update: | 18/05/2017 |
| Description: | System admin authorizes for account | | |
| Users: | System admin | | |
| Trigger: | System admin click button “Authorize” | | |
| Pre-Conditions: | System admin login to CMS page | | |
| Post-Conditions: | Success: System admin authorizes for accounts successfully. | | |
| Basic Flow: | 1. System Admin chooses account and clicks “Authorize” button. 2. System shows Authorize form. 3. System admin choose role for account 4. System admin clicks button “Save”. 5. System saves new role of account in system. 6. The system notifies: “Authorize Success” 7. End of use case. | | |
| Alternate Flow: | AF1: System admin cancels “authorize”: (after step 3)   1. System admin clicks “Authorize” button. 2. System closes “Authorize” form. | | |
| Exception Flows: | EF1: System can’t connect Database: (after step 6)  7. The system notifies “Can’t connect the database, please try again”. | | |
| Priority | High | | |
| Frequency of use | Sometimes | | |
| Business Rules |  | | |
| Mock up |  | | |

### Activate account

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-10 Activate Account | | | |
| Creator: | Minh Doan | Person Update: | Minh Doan |
| Creation date: | 16/1/2017 | Date Update: | 18/05/2017 |
| Description: | System Admin activate the account | | |
| Users: | System Admin | | |
| Trigger: | System Admin choose activate account | | |
| Pre-Conditions: | User must have an account of System Admin and being in the “View List Account” page. | | |
| Post-Conditions: | Success: Account is activated. | | |
| Basic Flow: | 1. System Admin chooses account. 2. System Admin checks into “Deactive” button. 3. System notifies: “Activate Success” 4. End of use-case | | |
| Alternate Flow: |  | | |
| Exception Flows: |  | | |
| Priority | Medium | | |
| Frequency of use |  | | |
| Business Rules |  | | |
| Mock up |  | | |

### Deactivate account

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MA-11 Deactivate Account | | | |
| Creator: | Minh Doan | Person Update: | Minh Doan |
| Creation date: | 16/1/2017 | Date Update: | 18/05/2017 |
| Description: | System Admin deactivate the existing account | | |
| Users: | System Admin | | |
| Trigger: | System Admin choose deactivate account | | |
| Pre-Conditions: | * System Admin login CMS page and being in the “View List Account” page. * Account is activating. | | |
| Post-Conditions: | Success: Account is deactivated. | | |
| Basic Flow: | 1. System Admin chooses account and uncheck “Deactive” button. 2. System notifies: “Deactivate success” 3. End of use-case | | |
| Alternate Flow: |  | | |
| Exception Flows: |  | | |
| Priority | Medium | | |
| Frequency of use |  | | |
| Business Rules |  | | |
| Mock up |  | | |

## Manage news

### View news

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-01 | | |
| Name of use case | View News | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin, Editor, Education staff, Users | | |
| Brief description | Content Admin, Editor, Education staff, Users view news in the website | | |
| Trigger | Content Admin, Editor, Education staff, Users access website | | |
| Pre-conditions | The system must be connected to the internet. | | |
| Main success flow | MF1 : Users in webpage   1. choose news which need view 2. System get data from database 3. System show detail of that news 4. End of use case   MF2 : Content Admin, Editor, Education staff in CMS page   1. Content Admin, Editor, Education staff click button “Manage News” & click button “View News” 2. System show “View News” GUI 3. Content Admin, Editor, Education staff choose news which need view 4. System get data from database 5. System show detail of that news 6. End of use case | | |
| Alternative flows | AF1 : Content Admin, Editor, Education staff cancel view news ( After step 2 )   1. Content Admin, Editor, Education staff click another function | | |
| Exception flows | N/A | | |
| Post-conditions | Successful: user can view a news. | | |
| Priority | High | | |
| Relationships | N/A | | |
| Frequency of use | Always | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Post news

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-02 | | |
| Name of use case | Post News | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin | | |
| Brief description | Content Admin post new approved | | |
| Pre-conditions | Content Admin must login & access CMS page  The system must be connected to the internet | | |
| Main success flow | 1. Content Admin clicks button “Manage News” & click button “View News” 2. System shows “View News” GUI 3. Content Admin choose news & check “Post/Deactive” 4. System save data into database 5. System notify “Post successfully” 6. End of use-case | | |
| Sub flows | N/A | | |
| Alternative flows | AF1 : Content Admin cancel post news ( After step 2 )  3.Content Admin click another function | | |
| Exception flows | N/A | | |
| Trigger | Content Admin clicks button “View News” | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Content Admin post a news successfully | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### View draft

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-03 | | |
| Name of use case | View Draft | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin, Editor, Education staff | | |
| Brief description | Content Admin, Editor, Education staff view draft | | |
| Pre-conditions | Content Admin, Editor, Education staff must login & access CMS page  The system must be connected to the internet | | |
| Main success flow | 1. Content Admin, Editor, Education staff click button “Manage News” & click button “View Draft” 2. System show “View Draft” GUI 3. Content Admin, Editor, Education staff choose draft which need view 4. System show detail of that draft 5. End of use case | | |
| Sub flows |  | | |
| Alternative flows | AF1 : Content Admin, Editor, Education staff cancel view draft ( After step 2 )  3. Content Admin, Editor, Education staff click another function | | |
| Exception flows | N/A | | |
| Trigger | Content Admin, Editor, Education staff must access website | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Content Admin, Editor, Education staff can view a draft successfully. | | |
| Priority | High | | |
| Frequency of use | Sometimes | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Edit draft

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-04 | | |
| Name of use case | Edit draft | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin, Editor, Education staff | | |
| Brief description | Content Admin, Editor, Education staff edit draft | | |
| Pre-conditions | Content Admin, Editor, Education staff must login & access CMS page  The system must be connected to the internet | | |
| Main success flow | 1. Content Admin, Editor, Education staff click button “Manage News” & click button “View Draft” 2. System show “View Draft” GUI 3. Content Admin, Editor, Education staff choose draft that to edit & click button “Edit” 4. System shows edit draft GUI 5. Admin, Editor, Education staff edit information. 6. Admin, Editor, Education staff click button “Edit Draft” 7. System update information into database 8. System notify “Edit successfully” 9. End of use case. | | |
| Sub flows | N/A | | |
| Alternative flows | AF1 : Content Admin, Editor, Education staff cancle view draft ( After step 2 )   1. Content Admin, Editor, Education staff click another function | | |
| Exception flows | N/A | | |
| Trigger | Admin, Editor, Education staff click button “Edit” | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Admin, Editor, Education staff edit a draft successfully | | |
| Priority | High | | |
| Frequency of use | Sometimes | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Delete draft

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-05 | | |
| Name of use case | Delete Draft | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin, Editor, Education staff | | |
| Brief description | Content Admin, Editor, Education staff delete draft of the post | | |
| Pre-conditions | Content Admin, Editor, Education staff must login & access CMS page  The system must be connected to the internet | | |
| Main success flow | 1. Content Admin, Editor, Education staff click button “Manage Draft” & click button “View Draft” 2. System show “View Draft” GUI 3. Content Admin, Editor, Education staff choose draft which need delete 4. Content Admin, Editor, Education staff click button “Delete” 5. System show alert dialog “Ok | Cancel” 6. Admin, Editor, Education staff click “Ok” 7. System delete information of draft 8. System update information into database 9. System notify “Delete success” 10. End of use case. | | |
| Sub flows |  | | |
| Alternative flows | AF1: Content Admin, Editor, Education staff click choose “Cancel” (after step 2)  3. System back to current page | | |
| Exception flows | N/A | | |
| Trigger | Content Admin, Editor, Education staff click button “Delete” | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Content Admin, Editor, Education staff delete a draft successful | | |
| Priority | High | | |
| Frequency of use | Sometimes | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Transfer

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-06 | | |
| Name of use case | Transfer Draft | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin, Editor, Education staff | | |
| Brief description | Content Admin, Editor, Education staff transfer the news to approve/edit | | |
| Pre-conditions | Content Admin, Editor, Education staff must login & access CMS page  The system must be connected to the internet | | |
| Main success flow | MF1 : Content Admin/Education staff transfer draft to Editor to edit   1. Content Admin, Education staff click button “Manage Draft” & click button “View Draft” 2. System show “View Draft” GUI 3. Content Admin, Education Staff choose a draft which need transfer. 4. Content Admin, Education Staff click button “Transfer” 5. System shows a list Editor. 6. Content Admin, Education Staff choose somebody which need transfer. 7. Content Admin, Editor, Education staff click button “Save” 8. System transfer that draft to Editor is chosen. 9. End of use case   MF2: Editor transfer draft to Content Admin approve   1. Editor click button “Manage Draft” & click button “View Draft” 2. System show “View Draft” GUI 3. Editor chooses a draft which need transfer. 4. Editor click button “Transfer” 5. System transfer that draft to Content Admin 6. End of usecase | | |
| Sub flows | N/A | | |
| Alternative flows | AF1 : Content Admin, Editor, Education staff cancel transfer draft ( After step 3 )   1. Content Admin, Editor, Education staff click another function | | |
| Exception flows | EF1: Content Admin, Education staff don’t choose Editor (after step 7)  8. System show alert: “Please choose a member”.  9. System back to current page | | |
| Trigger | Content Admin, Editor, Education staff click button “Transfer” | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Content Admin, Editor, Education staff can transfer a draft. | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business rules | Editor only transfer to Content Admin  Content Admin/Education staff can choose editor to transfer | | |
| Special requirement | N/A | | |

### Approve

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-07 | | |
| Name of use case | Approve draft | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin | | |
| Brief description | Content Admin approve the post from who transfer | | |
| Pre-conditions | Content Admin must login & access CMS page  System must be connected to the internet | | |
| Main success flow | 1. Content Admin click button “Manage Draft” & click button “View Draft” 2. System show “View Draft” GUI 3. Content Admin choose a draft which need approve. 4. Content Admin click button “Approve” 5. System change status of draft into database. 6. End of use case | | |
| Sub flows | N/A | | |
| Alternative flows | AF1 : Content Admin, Editor, Education staff cancel transfer draft ( After step 3 )   1. Content Admin, Editor, Education staff click another function | | |
| Exception flows | N/A | | |
| Trigger | Content Admin click button “Approve” | | |
| Relationships | Function “View News” | | |
| Post-conditions | Successful: Content Admin can approve a draft. | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Deactivate News

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-08 | | |
| Name of use case | Deactivate draft | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin | | |
| Brief description | Content Admin deactivate news that posted to website | | |
| Pre-conditions | Content Admin must login & access CMS page  System must have news  The system must be connected to the internet | | |
| Main success flow | 1. Content Admin clicks button “Manage News” & click button “View News” 2. System shows “View News” GUI 3. Content Admin choose news & check “Post/Deactive” 4. System save data into database 5. System notify “Deactive successfully” 6. End of use-case | | |
| Sub flows | N/A | | |
| Alternative flows | AF1 : Content Admin cancel deactivate news ( After step 2 )  3.Content Admin click another function | | |
| Exception flows | N/A | | |
| Trigger | Content Admin click button “View News” | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Content Admin can deactivate a news. | | |
| Priority | High | | |
| Frequency of use | Sometimes | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Search News

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-09 | | |
| Name of use case | Search news | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin, Editor, Education staff, User | | |
| Brief description | Content Admin, Editor, Education staff, User search the news which they want to view | | |
| Pre-conditions | Content Admin, Editor, Education staff must login & access CMS page  User must access website  The system must be connected to the internet | | |
| Main success flow | MF1 : User search news in website   1. User input information need to search 2. User click button “Search” 3. System show related information 4. End of use case   MF2 : Content Admin , Editor , Education staff search news in CMS page   1. Admin, Editor, Education staff input information need to search 2. Admin, Editor, Education staff click button “Search” 3. System show related information 4. End of use case | | |
| Sub flows | N/A | | |
| Alternative flows | N/A | | |
| Exception flows | N/A | | |
| Trigger | Content Admin, Editor, Education staff, User click button “Search” | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Content Admin, Editor, Education staff, User can search information. | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Unpush News

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-14 | | |
| Name of use case | Unpush news | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin | | |
| Brief description | Content Admin unpush the top news in homepage | | |
| Pre-conditions | Content Admin must login & access CMS page  The system must be connected to the database | | |
| Main success flow | 1. Content Admin clicks button “Manage News” & click button “View News” 2. System shows “View News” GUI 3. Content Admin choose news & check “Push/Unpush” 4. System unpushs that news. 5. System update database 6. End of use case | | |
| Sub flows | N/A | | |
| Alternative flows | AF1 : Content Admin cancle unpush news ( After step 2 )  3.Content Admin click another function | | |
| Exception flows | N/A | | |
| Trigger | Content Admin click button “Unpush” | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Content Admin can unpush news successfully | | |
| Priority | High | | |
| Frequency of use | Sometimes | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Sort News

### Push News

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID | UC-MN-11 | | |
| Name of use case | Push news | | |
| Creator | Tai Nguyen | Person updated | Khoi Nguyen |
| Creation date | 4/12/2016 | Date updated | 18/5/2017 |
| Primary actor | Content Admin | | |
| Brief description | Content Admin push the news to the top in homepage | | |
| Pre-conditions | Content Admin must login & access CMS page  The system must be connected to the database | | |
| Main success flow | 1. Content Admin clicks button “Manage News” & click button “View News” 2. System shows “View News” GUI 3. Content Admin choose news & check “Push/Unpush” 4. System pushes that news. 5. System update database 6. End of use case | | |
| Sub flows | N/A | | |
| Alternative flows | AF1 : Content Admin cancel push news ( After step 2 )  3.Content Admin click another function | | |
| Exception flows | N/A | | |
| Trigger | Content Admin click button “Push” | | |
| Relationships | N/A | | |
| Post-conditions | Successful: Content Admin can push news successfully | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business rules | N/A | | |
| Special requirement | N/A | | |

### Create draft

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MN-12 Create Draft | | | |
| Creator: | Minh Doan | Person Update: | Khoi Nguyen |
| Creation date: | 16/1/2017 | Date Update: | 18/5/2017 |
| Description: | Content Admin, Editor, Education Staff create the news. | | |
| Users: | Content Admin, Education Staff, Editor | | |
| Trigger: | Content Admin, Editor, Education Staff click create news | | |
| Pre-Conditions: | * Content Admin, Editor, Education Staff must login & access to CMS page. * User is being in the “Manage News” GUI | | |
| Post-Conditions: | Success: News is created successfully. | | |
| Main success flow: | 1. Content Admin, Editor, Education Staff clicks create news. 2. System shows “Create News” GUI. 3. Content Admin, Editor, Education Staff inputs information of news include  * Title * Short description * Select categories * Content  1. Content Admin, Editor, Education Staff clicks “Create Draft”. 2. System checks the adequacy of information. 3. System notifies: “Create news successfully”. 4. End of use-case | | |
| Alternate Flow: | AF1: Content Admin, Editor , Education staff cancel create draft (after step 3)   1. Content Admin, Editor , Education staff click another function | | |
| Exception Flows: | EF1: Content Admin, Editor, Education Staff didn’t input enough the needed information (after step 5).   1. System notifies: “Information is not enough”. 2. Content Admin, Editor, Education Staff clicks “OK”. 3. System shows “Create News” GUI. | | |
| Priority | High | | |
| Frequency of use | Usually | | |
| Business Rules | N/A | | |
| Mock up | N/A | | |

### Share news

|  |  |  |  |
| --- | --- | --- | --- |
| UC-MN-13 Share News | | | |
| Creator: | Minh Doan | Person Update: | Khoi Nguyen |
| Creation date: | 16/1/2017 | Date Update: | 18/5/2017 |
| Description: | User share news to Facebook/Twitter/Google+ | | |
| Users: | User, Facebook SDK | | |
| Trigger: | User click button share | | |
| Pre-Conditions: | User must have account Facebook/Twitter/Google+ …  System must be connected to internet | | |
| Post-Conditions: | Success: News is shared successfully. | | |
| Main success flow: | * + - 1. User click button “Share”       2. System call Facebook/Twitter/Google+ SDK       3. Facebook require User login       4. Facebook show “Share” UI       5. User click button “Share” on Facebook/Twitter/Google+       6. News appear on user’s Facebook/Twitter/Google+ End of use case | | |
| Alternate Flow: | AF1: User cancel share news (after step 3)   1. User click button “Cancel”. 2. System back to current page. | | |
| Exception Flows: | N/A | | |
| Priority | Normal | | |
| Frequency of use | Usually | | |
| Business Rules | N/A | | |
| Mock up | N/A | | |

## Manage examination

### View individual point

|  |  |  |
| --- | --- | --- |
| Use Case ID: | UC-ME-01 | |
| Name Use case: | View Individual Point | |
| Creator: | Minh Doan | Person updated: Minh Doan |
| Creation date: | 12/12/2016 | Date updated: 18/05/2017 |
| Primary actor: | Users | |
| Brief description: | Users view individual point by candidate code. | |
| Pre-conditions: | Network status is stable.  User must have candidate code  User is being in “View Result” GUI | |
| Post-conditions: | Successful: Website show points of user. | |
| Main Success flow: | 1. User clicks “View University Exam Result” link. 2. System views “View University Exam Result” GUI. 3. User inputs candidate code. 4. User clicks “View”. 5. System checks candidate code. 6. System shows scores. 7. End of Use case. | |
| Alternative flows: | AF1: Users cancel view university exam result (After step 2)   1. User clicks “Back” button or “Home Page”. 2. System shows “Home Page” GUI. | |
| Exception flows: | EF1: Candidate code does not exist (After step 5).   1. System notifies “candidate code does not exist!” 2. Return to step 3. | |
| Trigger: |  | |
| Relationships: | N/A | |
| Priority: | High | |
| Frequency of use: |  | |
| Business Rules: |  | |
| Special Requirement: | N/A | |

### Import point

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-ME-05 | | |
| Name Use case: | Import point | | |
| Creator: | Minh Doan | Person updated: |  |
| Creation date: | 12/12/2016 | Date updated: |  |
| Primary actor: | Education Staff | | |
| Brief description: | Education Staff imports point file to system. | | |
| Pre-conditions: | Network status is stable.  There is point file.  Education Staff logs in website. | | |
| Post-conditions: | Successful: Import successfully. | | |
| Main Success flow: | 1. Education Staff clicks “Manage Result”. 2. System shows “Manage Result” GUI. 3. Education Staff clicks “Import Point”. 4. System shows “Open File” GUI. 5. Education Staff choose point file. 6. Education Staff clicks “Open” button. 7. System saves list of points. 8. End of Use case. | | |
| Alternative flows: | AF1: Education Staff cancels import point (After step 4)   1. Education Staff clicks “Cancel” button. 2. System shows “Manage Result” GUI. | | |
| Exception flows: |  | | |
| Trigger: | Education Staff clicks “Import Point”. | | |
| Relationships: | N/A | | |
| Priority: | High | | |
| Frequency of use: |  | | |
| Business Rules: |  | | |
| Special Requirement: | N/A | | |

## Manage categories

### View categories

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MC-01 | | |
| Name Use case: | View Categories in Homepage | | |
| Creator: | Minh Doan | Person updated: | Minh Doan |
| Creation date: | 2/12/2016 | Date updated: | 18/05/2017 |
| Primary actor: | Users | | |
| Brief description: | Users view the categories on website | | |
| Main Success flow: | 1. Users access to Văn Lang Admission page 2. System shows "Home Page" GUI that includes the categories bar. 3. End of Use case. | | |
| Alternative flows: |  | | |
| Exception flows: |  | | |
| Trigger: | Users access to website | | |
| Relationships: | N/A | | |
| Pre-conditions: | Network status is stable. | | |
| Post-conditions: | Successful: System show "Home Page" GUI. | | |
| Priority: | High | | |
| Frequency of use: | Usually | | |
| Business Rules: |  | | |
| Special Requirement: | N/A | | |

### View List Categories in CMS page

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MC-02 | | |
| Name Use case: | View List Categories In CMS | | |
| Creator: | Minh Doan | Person updated: | Minh Doan |
| Creation date: | 2/12/2016 | Date updated: | 18/05/2016 |
| Primary actor: | Content Admin, Editor, Education Staff | | |
| Brief description: | Content Admin, Editor, Education Staff view categories in CMS page | | |
| Pre-conditions: | User must log in CMS page and being in the CMS GUI. | | |
| Post-conditions: | Successful: System show list of categories. | | |
| Main Success flow: | 1. Content Admin, Editor, Education Staff click "Manage Categories" and click “View Categories”. 2. System shows "List Categories" page. 3. End of Use case. | | |
| Alternative flows: |  | | |
| Exception flows: |  | | |
| Trigger: | Admin Content clicks “Manage Categories” | | |
| Relationships: | N/A | | |
| Priority: | High | | |
| Frequency of use: | Sometime | | |
| Business Rules: |  | | |
| Special Requirement: | N/A | | |

### Add category

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MC-03 | | |
| Name Use case: | Add Category | | |
| Creator: | Minh Doan | Person updated: | Minh Doan |
| Creation date: | 2/12/2016 | Date updated: | 18/05/2017 |
| Primary actor: | Content Admin | | |
| Brief description: | Content Admin adds new category. | | |
| Pre-conditions: | Content Admin must log in and being in the CMS GUI. | | |
| Post-conditions: | Successful: Add new category successfully. | | |
| Main Success flow: | 1. Content Admin clicks "Manage Categories". 2. Content Admin clicks "Create Categories". 3. System shows "Create Categories" GUI. 4. Admin Content fills information of category. 5. Admin Content clicks “CREATE” button. 6. System checks information of category 7. System saves information of new category. 8. End of use case. | | |
| Alternative flows: |  | | |
| Exception flows: | EF1: Category have empty information (after step 5)  6. System notifies “Invalid data. Please check again”  EF2: Input have invalid type (after step 6)  7. System notifies “Invalid data. Please check again” | | |
| Trigger: | Content Admin clicks “CREATE” button. | | |
| Relationships: | N/A | | |
| Priority: | High | | |
| Frequency of use: |  | | |
| Business Rules: |  | | |
| Special Requirement: | N/A | | |

### Edit category

|  |  |  |
| --- | --- | --- |
| Use Case ID: | UC-MC-04 | |
| Name Use case: | Edit Category | |
| Creator: | Minh Doan | Person updated: Minh Doan |
| Creation date: | 12/12/2016 | Date updated: 18/05/2017 |
| Primary actor: | Content Admin | |
| Brief description: | Content Admin edits information of category. | |
| Pre-conditions: | Content Admin must log in  Content Admin being in the “View Categories” GUI. | |
| Post-conditions: | Successful: Edit category successfully. | |
| Main Success flow: | 1. Content Admin chooses category 2. Content Admin clicks "Edit" button. 3. System shows "Edit Categories" GUI. 4. Content Admin edits information of category. 5. Content Admin clicks “EDIT” 6. System checks information of category 7. System saves new information of category. 8. End of Use case. | |
| Alternative flows: | AF1: Admin Content cancels (after step 3)   1. Content Admin choose other function. | |
| Exception flows: | EF1: Invalid information (after step 7)  8.The system notifies: “Invalid input, please check again” | |
| Trigger: | Content Admin clicks “Edit” button. | |
| Relationships: | N/A | |
| Priority: | High | |
| Frequency of use: |  | |
| Business Rules: |  | |
| Special Requirement: | N/A | |

### Delete category

|  |  |  |
| --- | --- | --- |
| Use Case ID: | UC-MC-05 | |
| Name Use case: | Delete Category | |
| Creator: | Minh Doan | Person updated: Minh Doan |
| Creation date: | 12/12/2016 | Date updated: 18/05/2017 |
| Primary actor: | Content Admin | |
| Brief description: | Content Admin deletes information of category. | |
| Pre-conditions: | Content Admin must log in  Content Admin being in the “List Categories” GUI. | |
| Post-conditions: | Successful: Delete category successfully. | |
| Main Success flow: | * 1. Admin Content chooses category   2. Admin Content clicks "Delete" button.   3. System show alert dialog “YES! | CANCEL”   4. Admin Content clicks “YES!”   5. System update data to database   6. System show list of categories.  1. End of use case. | |
| Alternative flows: | AF1: Content Admin cancels (after step 3)   1. Content Admin clicks “CANCEL” button. 2. System backs to “List Categories” GUI | |
| Exception flows: |  | |
| Trigger: | Admin Content clicks “Delete” button. | |
| Relationships: | N/A | |
| Priority: | High | |
| Frequency of use: |  | |
| Business Rules: |  | |
| Special Requirement: | N/A | |

## Manage languages

### Change language

|  |  |  |
| --- | --- | --- |
| Use Case ID: | UC-CLG-01 | |
| Name Use case: | Change Languages | |
| Creator: | Hai Tran | Person updated: Minh Doan |
| Creation date: |  | Date updated: 18/05/2017 |
| Primary actor: | Admin, Editor, Education staff, User | |
| Brief description: | Actor change language of System | |
| Pre-conditions: | System must have connected with internet | |
| Main Success flow: | 1.Admin, Editor, Education staff, User click “Change Languages”  2.System handler change.  3.System change language.  4.End of use case. | |
| Sub flows: | None | |
| Alternative flows: | None | |
| Exception flows: | None | |
| Trigger: |  | |
| Relationships: | None | |
| Post-conditions: | Successful: Change language successfully. | |
| Priority: | Low | |
| Frequency of use: | None | |
| Business Rules: |  | |
| Special Requirement: | None | |

## Manage banner

### Create banner

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MB-01 | | |
| Name Use case: | Create Banner | | |
| Creator: | Hai Tran | Person updated: | Minh Doan |
| Creation date: |  | Date updated: | 18/05/2017 |
| Primary actor: | Content Admin | | |
| Brief description: | Content Admin creates new banner | | |
| Main Success flow: | 1. Content Admin chooses “Manage Banner” tab 2. Content Admin clicks “Create” button. 3. System shows “Create Banner” page. 4. Content Admin input data and click “Chọn tệp” button 5. System show form choose content(images) 6. Admin choose images 7. Admin click button “Open” 8. System loads the image and backs to “Create Banner” GUI. 9. Content Admin clicks “CREATE BANNER” button 10. System save data into database 11. System notify “Success” 12. End of use case | | |
| Sub flows: | N/A | | |
| Alternative flows: | AF1: Content Admin cancel create banner (after step 3)  4. Content Admin choose another function. | | |
| Exception flows: | EF1: Content Admin input invalid data (begin in step 9):  10. System notifies “Invalid data. Please check again” | | |
| Trigger: |  | | |
| Relationships: | None | | |
| Pre-conditions: | Content Admin must login CMS page | | |
| Post-conditions: | Successful: Create new banner successfully | | |
| Priority: | Medium | | |
| Frequency of use: | None | | |
| Business Rules: |  | | |
| Special Requirement: | None | | |

### View banner

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MB-02 | | |
| Name Use case: | View Banner | | |
| Creator: | Hai Tran | Person updated: | Minh Doan |
| Creation date: |  | Date updated: | 18/05/2017 |
| Primary actor: | User | | |
| Brief description: | User views banner | | |
| Pre-conditions: | The system must be connected to the internet | | |
| Main Success flow: | * + 1. User access to website     2. System show content of website     3. User view banner     4. End of use case | | |
| Sub flows: | None | | |
| Alternative flows: | None | | |
| Exception flows: | None | | |
| Trigger: |  | | |
| Relationships: | None | | |
| Post-conditions: | Successful: View banner successfully. | | |
| Priority: | Medium | | |
| Frequency of use: | None | | |
| Business Rules: |  | | |
| Special Requirement: | None | | |

### View Banners in CMS page

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MB-03 | | |
| Name Use case: | View Banners in CMS page | | |
| Creator: | Hai Tran | Person updated: | Minh Doan |
| Creation date: |  | Date updated: | 18/05/2017 |
| Primary actor: | Content Admin, Editor, Education Staff | | |
| Brief description: | Content Admin, Editor, Education Staff views banner in CMS page | | |
| Pre-conditions: | Content Admin, Editor, Education Staff have logged in CMS page | | |
| Main Success flow: | 1. Content Admin, Editor, Education Staff click “Manage Banner” tab and click “View Banner”. 2. System show “List Banners” page. 3. End of use case | | |
| Sub flows: | None | | |
| Alternative flows: | None | | |
| Exception flows: | None | | |
| Trigger: |  | | |
| Relationships: | None | | |
| Post-conditions: | Successful: View banner successfully. | | |
| Priority: | Medium | | |
| Frequency of use: | None | | |
| Business Rules: |  | | |
| Special Requirement: | None | | |

### Show hide banner

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MB-04 | | |
| Name Use case: | Show-Hide Banner | | |
| Creator: | Hai Tran | Person updated: | Minh Doan |
| Creation date: |  | Date updated: | 18/05/2017 |
| Primary actor: | Content Admin | | |
| Brief description: | Content Admin do show/hide banner | | |
| Pre-conditions: | Content Admin must login CMS page and being in “List Banner” page.  System must have banner | | |
| Main Success flow: | * + - 1. Content Admin choose banner.       2. Content Admin show/hide banner displayed in page       3. System save information into database       4. End of use case | | |
| Sub flows: | N/A | | |
| Alternative flows: |  | | |
| Exception flows: |  | | |
| Trigger: |  | | |
| Relationships: | None | | |
| Post-conditions: | Successful: Show/hide banner successfully | | |
| Priority: | High | | |
| Frequency of use: | Always | | |
| Business Rules: |  | | |
| Special Requirement: | None | | |

### Edit banner

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MB-05 | | |
| Name Use case: | Edit Banner | | |
| Creator: | Hai Tran | Person updated: | Minh Doan |
| Creation date: |  | Date updated: | 18/05/2017 |
| Primary actor: | Content Admin | | |
| Brief description: | Content Admin edit banner | | |
| Pre-conditions: | Content Admin must login CMS page and being in “List Banner” page  The system must be connected to the internet | | |
| Main Success flow: | 1. Content Admin chooses banner and clicks “Edit” 2. System displays “Edit banner” page 3. Content Admin edits information of banner. 4. Content Admin clicks “EDIT BANNER” button. 5. System save content to database 6. System notify “Success” 7. End of use case | | |
| Sub flows: | N/A | | |
| Alternative flows: | AF1: Content Admin cancel edit banner (after step 2)  6. Content Admin choose another function. | | |
| Exception flows: |  | | |
| Trigger: | Click “Edit” in “List Banner” page | | |
| Relationships: | None | | |
| Post-conditions: | Successful: Edit banner successfully | | |
| Priority: | High | | |
| Frequency of use: | Sometimes | | |
| Business Rules: |  | | |
| Special Requirement: | None | | |

### Delete banner

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MB-06 | | |
| Name Use case: | Delete Banner | | |
| Creator: | Hai Tran | Person updated: | Minh Doan |
| Creation date: |  | Date updated: | 18/05/2017 |
| Primary actor: | Content Admin | | |
| Brief description: | Content Admin delete banner | | |
| Pre-conditions: | Content Admin must login CMS page and being in “List Banner” page.  System must have banner | | |
| Main Success flow: | 1. Content Admin chooses banner 2. Content Admin clicks “Delete” 3. System notifies “Success” 4. End of use case | | |
| Sub flows: | N/A | | |
| Alternative flows: |  | | |
| Exception flows: |  | | |
| Trigger: |  | | |
| Relationships: | None | | |
| Post-conditions: | Successful: Delete banner successfully | | |
| Priority: | High | | |
| Frequency of use: | Sometimes | | |
| Business Rules: |  | | |
| Special Requirement: | None | | |

### Arrange images

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: | UC-MB-06 | | |
| Name Use case: | Arrange Images | | |
| Creator: | Hai Tran | Person updated: | Minh Doan |
| Creation date: |  | Date updated: | 18/05/2017 |
| Primary actor: | Content Admin | | |
| Brief description: | Content Admin arrange images for banner | | |
| Pre-conditions: | Admin inside “List Banner” page  Content Admin must login CMS page | | |
| Main Success flow: | 1. Content Admin choose position of banner. 2. System shows banners in this position 3. Content Admin input number to “Order” fields. 4. System save information into database 5. System notifies “Arrange successfully” 6. End of use case | | |
| Sub flows: | N/A | | |
| Alternative flows: |  | | |
| Exception flows: |  | | |
| Trigger: |  | | |
| Relationships: | None | | |
| Post-conditions: | Successful: Arrange images successfully | | |
| Priority: | High | | |
| Frequency of use: | N/A | | |
| Business Rules: |  | | |
| Special Requirement: | N/A | | |

## Manage questions

### Send questions

|  |  |  |  |
| --- | --- | --- | --- |
| **UC-MQA-01: Send questions** | | | |
| Creator: | Khoi Nguyen | Person Update: | Khoi Nguyen |
| Creation date: | 5/12/2016 | Date Update: | 18/5/2017 |
| Brief Description: | User send the question | | |
| Primary Actors: | User | | |
| Trigger: | User click “Hỏi Đáp” button | | |
| Pre-Conditions: | User access website | | |
| Post-Conditions: | Success: User send question successfully | | |
| Main success flow: | 1. System show “Hỏi đáp” page 2. User click button “Đặt câu hỏi” 3. System show question form 4. User fill information into question form include :  * Tên * Email * Nội dung  1. User click button “Gửi” 2. System check input. 3. System save data into database 4. System notify “Send successfully” 5. End of use case | | |
| Alternate Flow: | AF1: User cancel send question (after step 2)   1. User click button “Cancel” 2. System show “Hỏi đáp” page | | |
| Exception Flows: | EF1: User fill invalid information (after step 4)  4. System notify: “Vui lòng điền trường này!”  5. System focus on wrong field. | | |
| Relationships: | N/A | | |
| Business Rules: | Email: have correct format ( @... ) | | |
| Priority: | Medium | | |
| Frequency of use: | Medium | | |
| Special Requirements: | N/A | | |

### Answer questions

|  |  |  |  |
| --- | --- | --- | --- |
| **UC-MQA-02: Answer questions** | | | |
| Creator: | Khoi Nguyen | Person Update: | Khoi Nguyen |
| Creation date: | 5/12/2016 | Date Update: | 18/5/2017 |
| Brief Description: | Content Admin, Editor, Education staff answer the question, Mail server send answer to User | | |
| Primary Actors: | Content Admin, Editor, Education staff, Mail server | | |
| Trigger: | Content Admin, Editor, Education staff click “Manage FAQ” button | | |
| Pre-Conditions: | Content Admin, Editor, Education staff must login & access CMS page  Mail server must active  User must have email | | |
| Post-Conditions: | Success: Answer has been sent to User successfully | | |
| Main success flow: | 1. Content Admin, Editor, Education staff choose question to answer 2. System display answer form include:  * Question * To * Message  1. Content Admin, Editor, Education staff write answer 2. Content Admin, Editor, Education staff click button “Send” 3. System call Mail server send answer to User 4. System save answer into database 5. System notify “Send answer successfully” 6. End of use case. | | |
| Alternate Flow: | AF1: Content Admin, Editor , Education staff cancel send answer (after step 3)   1. Content Admin, Editor, Education staff click another function | | |
| Exception Flows: | N/A | | |
| Relationships: | Include View Question function | | |
| Business Rules: | N/A | | |
| Priority: | Medium | | |
| Frequency of use: | Medium | | |
| Special Requirements: | N/A | | |

### View questions

|  |  |  |  |
| --- | --- | --- | --- |
| **UC-MQA-03: View questions** | | | |
| Creator: | Khoi Nguyen | Person Update: | Khoi Nguyen |
| Creation date: | 5/12/2016 | Date Update: | 18/5/2017 |
| Brief Description: | Content Admin, Education staff view question in CMS page( No answer / Answered )  Editor view question in CMS page ( no answer )  User view Frequently Asked Questions in website | | |
| Primary Actors: | Content Admin, Editor, Education staff, User | | |
| Trigger: | Content Admin, Editor, Education staff choose “Manage FAQ” button  User click “Hỏi Đáp” button | | |
| Pre-Conditions: | System must have questions  Content Admin , Education staff , Editor must login & access CMS page | | |
| Post-Conditions: | Success: Content Admin, Education staff view question successfully  User view questions have been answered successfully. | | |
| Main success flow: | MF1 : Content Admin , Education staff view question ( No answer / Answered )   1. System display “FAQ” page 2. Content Admin, Education staff choose question that they want to view 3. End of use case   MF2 : Editor view question ( No answer )   1. System display “FAQ” page 2. Editor choose question that they want to view 3. End of use case   MF3 : User view Frequently Asked Questions in website   1. System display “FAQ” page 2. User choose & click on question that they want to view 3. System show the answer below 4. End of use case | | |
| Alternate Flow: | N/A | | |
| Exception Flows: | N/A | | |
| Relationships: | N/A | | |
| Business Rules: | N/A | | |
| Priority: | Medium | | |
| Frequency of use: | Medium | | |
| Special Requirements: | N/A | | |

### Approve questions

|  |  |  |  |
| --- | --- | --- | --- |
| **UC-MQA-04: Approve questions** | | | |
| Creator: | Khoi Nguyen | Person Update: | Khoi Nguyen |
| Creation date: | 5/12/2016 | Date Update: | 18/5/2017 |
| Brief Description: | Content Admin approve questions have been answered to show on website | | |
| Primary Actors: | Content Admin | | |
| Trigger: | Content Admin click “Approve Question” | | |
| Pre-Conditions: | Content Admin inside “Manage FAQ” page  Questions must have been answered | | |
| Post-Conditions: | Success: Content Admin approve question successfully | | |
| Main success flow: | 1. Content Admin choose “Manage FAQ” button  2. System display “Manage FAQ” page  3. Content Admin choose “Answered” button to see question answered  4. System show list of question answered.  5. Content Admin click button “Approve Question”  6. System update information into database  7. System notify “Approve success”  8. End of use case | | |
| Alternate Flow: | AF1: Content Admin cancel approve question (after step 4)  5.Content Admin click another funtion | | |
| Exception Flows: | N/A | | |
| Relationships: | Include View Question & Answer Question | | |
| Business Rules: | N/A | | |
| Priority: | High | | |
| Frequency of use: | Medium | | |
| Special Requirements: | N/A | | |

### Search questions

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| --- | --- | --- | --- |
| **UC-MQA-05: Search questions** | | | |
| Creator: | Khoi Nguyen | Person Update: | Khoi Nguyen |
| Creation date: | 5/12/2016 | Date Update: | 18/5/2017 |
| Brief Description: | Content Admin, Editor, Education staff search question in CMS page  User search the question posted in website. | | |
| Primary Actors: | Content Admin, Editor, Education staff, User | | |
| Trigger: | Content Admin, Editor, Education staff click “Manage FAQ” button  User click “Hỏi đáp” button | | |
| Pre-Conditions: | Content Admin, Editor, Education staff in CMS page  User inside “Hỏi đáp” page | | |
| Post-Conditions: | Success: Content Admin, Editor, Education staff search question in CMS page successfully  User search question posted in list of frequently asked questions successfully | | |
| Main success flow: | MF1 : Content Admin, Editor, Education staff search question in CMS page  1. System display “Manage FAQ” page.  2. Content Admin, Editor, Education staff input key search into find box  3. Content Admin, Editor, Education staff click button “Search”  4. System select question match with key search  5. System display list of related question.  6. End of use case  MF2 : User search question in website  1. System display “Hỏi đáp” page.  2. User input key search into find box  3. User click button “Search”  4. System select question match with key search  5. System display list of related question.  6. End of use case | | |
| Alternate Flow: | None | | |
| Exception Flows: | EF1: Actors did not enter information (after step 1)  2. System display notify “Please enter information”  3. System still in “Q&A” page  EF2: System don’t have question match with key search (after step 3)  4. System notify “Question not found”  5. System show blank page | | |
| Relationships: | N/A | | |
| Business Rules: | N/A | | |
| Priority: | Low | | |
| Frequency of use: | Medium | | |
| Special Requirements: | N/A | | |

## Use case Diagram

C:\Users\LAPTOP24H\Desktop\New folder\usecase diagram\ChangeLanguages.png

Figure 1: Manage Language

ManageAccount(admin)

Figure 2: Manage accounts

ManageAccount(an)

Figure 2.1: Manage accounts

ManageBanner(ad)

Figure 3: Manage banner

ManageBanner(an)

Figure 3.1: Manage banner

ManageCate(an)

Figure 4: Manage category

ManageCate(ad)

Figure 4.1: Manage category

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Figure 5: Manage Examination

ManageNews(ad)

Figure 6: Manage news

ManageNews(an)

Figure 6.1: Manage news

ManagePopups(ad)

Figure 7: Manage Pop-ups

ManagePopups(an)

Figure 7.1: Manage Pop-ups

ManageFAQ(ad)

Figure 8: Manage questions

ManageFAQ(an)

*Figure 8.1: Manage questions*

C:\Users\haitr\AppData\Local\Microsoft\Windows\INetCacheContent.Word\ManageHomepage.png

Figure 9: Manage homepage