

USE CASE DESCRIPTION MODULE 2

**Version1.0**

**Nhan Pham**

**01/03/2020**

**VERSION HISTORY**

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| --- | --- | --- | --- | --- | --- |
| **Version #** | **Implemented**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 1.0 | Nhan Pham | 01/03/2020 |  |  | Create document use case description module 2 |
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# Introduction

## Purpose and Scope

Building a scenario where the user will manipulate and interact with the mentioned message list and business rules system. To build website and app BDS

## **Entity title**

|  |  |
| --- | --- |
| **Entity ID** | **Entity Title** |
| E01 | Director |
| E02 | Department Heads |
| E03 | Administrator |
| E04 | Employees |
| E05 | Deputy department |

# Use Case Description

**2.1. View Project App**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID:** | FR.21 | | |
| **Use case Name:** | View project app | | |
| **Creator:** | Nhan Pham | **Person updated:** |  |
| **Creation date:** | 3/1/2020 | **Date updated:** |  |
| **Primary actor:** | E01, E02, E03, E04 & E05 | | |
| **Brief description:** | E01, E02, E03, E04 & E05 view project list in app BDS | | |
| **Pre-conditions:** | E01, E02, E03, E04 & E05 were logined | | |
| **Post-conditions:** | * Success   E01, E02, E03, E04 & E05 view project list success | | |
| **Main Success flow:** | 1. E01, E02, E03, E04 & E05 access to mobile app 2. System show interface login on screen 3. E01, E02, E03, E04 & E05 input username & password (DD.AL.001) 4. E01, E02, E03, E04 & E05 press button “Đăng nhập” 5. System show interface home page on screen 6. E01, E02, E03, E04 & E05 press button “Dự án bất động sản” 7. System show interface page “Dự án bất động sản” (Figure 21) | | |
| **Alternative flows:** | N/A | | |
| **Exception flows:** | N/A | | |
| **Trigger:** | E01, E02, E03, E04, E05 press button “Dự án bất động sản” | | |
| **Relationships**: | <<include>> | | |
| **Priority:** | High | | |
| **Frequency of use:** | High | | |
| **Business Rules:** | N/A | | |
| **Special Requirement:** | N/A | | |
| **Mockup Screen** | Figure 21: View project list app | | |

**2.2. View list ongoing projects app**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID:** | FR.22 | | |
| **Use case Name:** | View list ongoing projects app | | |
| **Creator:** | Nhan Pham | **Person updated:** |  |
| **Creation date:** | 3/1/2020 | **Date updated:** |  |
| **Primary actor:** | E01, E02, E03, E04 & E05 | | |
| **Brief description:** | E01, E02, E03, E04 & E05 view list ongoing projects in app BDS | | |
| **Pre-conditions:** | E01, E02, E03, E04 & E05 were logined | | |
| **Post-conditions:** | * Success   E01, E02, E03, E04 & E05 view list ongoing projects success | | |
| **Main Success flow:** | 1. E01, E02, E03, E04 & E05 access to mobile app 2. System show interface login on screen 3. E01, E02, E03, E04 & E05 input username & password (DD.AL.001) 4. E01, E02, E03, E04 & E05 press button “Đăng nhập” 5. System show interface home page on screen 6. E01, E02, E03, E04 & E05 press button “Dự án bất động sản” 7. System show interface page “Dự án bất động sản” 8. E01, E02, E03, E04 & E05 press button “Đang triển khai” 9. System show interface page “Đang triển khai” projects(Figure 22) | | |
| **Alternative flows:** | N/A | | |
| **Exception flows:** | N/A | | |
| **Trigger:** | E01, E02, E03, E04, E05 press button “Đang triển khai” | | |
| **Relationships**: | <<include>> | | |
| **Priority:** | High | | |
| **Frequency of use:** | High | | |
| **Business Rules:** | N/A | | |
| **Special Requirement:** | N/A | | |
| **Mockup Screen** | Figure 22: View list ongoing projects app | | |

**2.3. View list deploying projects app**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID:** | FR.23 | | |
| **Use case Name:** | View list deploying projects app | | |
| **Creator:** | Nhan Pham | **Person updated:** |  |
| **Creation date:** | 3/1/2020 | **Date updated:** |  |
| **Primary actor:** | E01, E02, E03, E04 & E05 | | |
| **Brief description:** | E01, E02, E03, E04 & E05 view list deploying projects in app BDS | | |
| **Pre-conditions:** | E01, E02, E03, E04 & E05 were logined | | |
| **Post-conditions:** | * Success   E01, E02, E03, E04 & E05 view list deploying projects success | | |
| **Main Success flow:** | 1. E01, E02, E03, E04 & E05 access to mobile app 2. System show interface login on screen 3. E01, E02, E03, E04 & E05 input username & password (DD.AL.001) 4. E01, E02, E03, E04 & E05 press button “Đăng nhập” 5. System show interface home page on screen 6. E01, E02, E03, E04 & E05 press button “Dự án bất động sản” 7. System show interface page “Dự án bất động sản” 8. E01, E02, E03, E04 & E05 press button “Sắp triển khai” 9. System show interface page “Sắp triển khai” projects (Figure 23) | | |
| **Alternative flows:** | N/A | | |
| **Exception flows:** | N/A | | |
| **Trigger:** | E01, E02, E03, E04, E05 press button “Sắp triển khai” | | |
| **Relationships**: | <<include>> | | |
| **Priority:** | High | | |
| **Frequency of use:** | High | | |
| **Business Rules:** | N/A | | |
| **Special Requirement:** | N/A | | |
| **Mockup Screen** | Figure 23: View list deploying projects app | | |

**2.4. View List has deployed Projects App**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID:** | FR.24 | | |
| **Use case Name:** | View list has deployed projects app | | |
| **Creator:** | Nhan Pham | **Person updated:** |  |
| **Creation date:** | 3/1/2020 | **Date updated:** |  |
| **Primary actor:** | E01, E02, E03, E04 & E05 | | |
| **Brief description:** | E01, E02, E03, E04 & E05 view list has deployed projects in app BDS | | |
| **Pre-conditions:** | E01, E02, E03, E04 & E05 were logined | | |
| **Post-conditions:** | * Success   E01, E02, E03, E04 & E05 view list has deployed projects success | | |
| **Main Success flow:** | 1. E01, E02, E03, E04 & E05 access to mobile app 2. System show interface login on screen 3. E01, E02, E03, E04 & E05 input username & password (DD.AL.001) 4. E01, E02, E03, E04 & E05 press button “Đăng nhập” 5. System show interface home page on screen 6. E01, E02, E03, E04 & E05 press button “Dự án bất động sản” 7. System show interface page “Dự án bất động sản” 8. E01, E02, E03, E04 & E05 press button “Đã triển khai” 9. System show interface page “Đã triển khai” projects (Figure 24) | | |
| **Alternative flows:** | N/A | | |
| **Exception flows:** | N/A | | |
| **Trigger:** | E01, E02, E03, E04, E05 press button “Đã triển khai” | | |
| **Relationships**: | <<include>> | | |
| **Priority:** | High | | |
| **Frequency of use:** | High | | |
| **Business Rules:** | N/A | | |
| **Special Requirement:** | N/A | | |
| **Mockup Screen** | Figure 24: View list has deployed projects app | | |

**2.5. View detail projects app**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID:** | FR.25 | | |
| **Use case Name:** | View detail projects projects app | | |
| **Creator:** | Nhan Pham | **Person updated:** |  |
| **Creation date:** | 3/1/2020 | **Date updated:** |  |
| **Primary actor:** | E01, E02, E03, E04 & E05 | | |
| **Brief description:** | E01, E02, E03, E04 & E05 view detail projects in app BDS | | |
| **Pre-conditions:** | E01, E02, E03, E04 & E05 were logined | | |
| **Post-conditions:** | * Success   E01, E02, E03, E04 & E05 view detail projects success | | |
| **Main Success flow:** | 1. E01, E02, E03, E04 & E05 access to mobile app 2. System show interface login on screen 3. E01, E02, E03, E04 & E05 input username & password (DD.AL.001) 4. E01, E02, E03, E04 & E05 press button “Đăng nhập” 5. System show interface home page on screen 6. E01, E02, E03, E04 & E05 press button “Dự án bất động sản” 7. System show interface page “Dự án bất động sản” 8. E01, E02, E03, E04 & E05 press button “Dự án” (DD.AP.001) 9. The system displays the project details page (Figure 25) | | |
| **Alternative flows:** | N/A | | |
| **Exception flows:** | N/A | | |
| **Trigger:** | E01, E02, E03, E04, E05 press button “Dự án” | | |
| **Relationships**: | <<include>> | | |
| **Priority:** | High | | |
| **Frequency of use:** | High | | |
| **Business Rules:** | N/A | | |
| **Special Requirement:** | N/A | | |
| **Mockup Screen** | Figure 25: View detail projects app | | |

**2.6. View project website**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID:** | FR.26 | | |
| **Use case Name:** | View project website | | |
| **Creator:** | Nhan Pham | **Update By:** |  |
| **Creation date:** | 1/3/2020 | **Date Update:** |  |
| **Primary actor:** | E03 | | |
| **Brief description:** | E03 view projects in Website | | |
| **Pre-conditions:** | E03 were logined | | |
| **Post-conditions:** | * Success   E03 view projects | | |
| **Main Success flow:** | 1. E03 access to website 2. System show interface login on screen 3. E03 input username & password (DD.WL.001) 4. E03 press button “Đăng nhập” 5. System show interface home page on screen 6. E03 press button “Quản lý dự án bất động sản” 7. System show interface page “Quản lý dự án bất động sản” (Figure 26) | | |
| **Alternative flows:** | N/A | | |
| **Exception flows:** | N/A | | |
| **Trigger:** | E03 press button “Quản lý dự án bất động sản” | | |
| **Relationships**: | <<extend>> | | |
| **Priority:** | High | | |
| **Frequency of use:** | High | | |
| **Business Rules:** | N/A | | |
| **Special Requirement:** | N/A | | |
| **Mockup Screen** | Figure 26: View projects website | | |

**2.7. Add project website**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID:** | FR.27 | | |
| **Use case Name:** | Add project | | |
| **Creator:** | Nhan Pham | **Update By:** |  |
| **Creation date:** | 2/3/2020 | **Date Update:** |  |
| **Primary actor:** | E03 | | |
| **Brief description:** | E03 add project in website admin | | |
| **Pre-conditions:** | E03 was logined | | |
| **Post-conditions:** | * Success   E03 add project success | | |
| **Main Success flow:** | 1. E03 access to website admin 2. System show interface login on screen 3. E03 input username & password (DD.WL.001) 4. E03 press button “Đăng nhập” 5. System show interface home page on screen 6. E03 press button “Quản lý dự án bất động sản” 7. The system displays the interface “Quản lý dự án bất động sản” 8. E03 press button “Thêm dự án” (DD.WP.001) 9. The system displays the interface “Thêm dự án”. (Figure 27) 10. E03 fill out all the information fields (BR.PW.001, BR.PW.002, BR.PW.003, BR.PW.004, BR.PW.005, BR.PW.006, BR.PW.007, BR.PW.008)     1. System show message add project success (MS.PW.001)     2. System show message add project fail (MS.PW.003, MS.PW.004, MS.PW.005, MS.PW.006, MS.PW.007, MS.PW.008, MS.PW.009, MS.PW.010, MS.PW.011, MS.PW.012, MS.PW.013, MS.PW.014, MS.PW.015) 11. End | | |
| **Alternative flows:** | N/A | | |
| **Exception flows:** | 10. Add project successfully (start at step 10 of the main event stream)  10.1 The system displays a notice of additional successful projects (Token: MS.PW.001).  10. Download failed image (start at step 10 of main event stream)  10.2 The system displays a message when the admin enters the wrong or missing (Token: MS.PW.003).  10. Download failed image (start at step 10 of main event stream)  10.2 The system displays the message, please select the correct image format (Token: MS.PW.004).  10. The message does not leave the project name information field blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Project name must not be blank’(Token: MS.PW.005).  10. The message does not leave the address information field blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Address not be vacant’(Token: MS.PW.006).  10. The message does not leave the money information field blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Amount may not be blank’ (Token: MS.PW.007 ).  10. The message does not leave the project name information field blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Project name must not be blank’(Token: MS.PW.008).  10. The message does not leave the overview information field blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Overview must not be blank’ (Token: MS.PW.009).  10. Notice does not leave legal field blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Legal must not be blank’(Token: MS.PW.010).  10. The message does not leave the price field information blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Price list must not be blank‘(Token: MS.PW.011).  10. Notice does not leave CSBH information field for NV when adding (start at step 10 of main event stream)  10.2 The system displays ‘CSBH for NV is not empty’ (Token: MS.PW.012).  10. Notice does not leave CSBH information field for KH when adding (start at step 10 of main event stream)  10.2 The system displays ‘CSBH for KH is not empty’ (Token: MS.PW.013).  10. The message does not leave the prochure information field blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Prochure must not be blank’ (Token: MS.PW.014).  10. The message does not leave the status information field blank when adding (start at step 10 of main event stream)  10.2 The system displays ‘Status may not be blank’ (Token: MS.PW.015). | | |
| **Trigger:** | E03 press button “Thêm dự án” | | |
| **Relationships**: | <<include>>, <<extend>> | | |
| **Priority:** | High | | |
| **Frequency of use:** | High | | |
| **Business Rules:** | BR.PW.001, BR.PW.002, BR.PW.003, BR.PW.004, BR.PW.005, BR.PW.006, BR.PW.007, BR.PW.008 | | |
| **Special Requirement:** | N/A | | |
| **Mockup Screen** | Figure 27: Add project | | |

**2.8. Edit project website**

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case ID:** | FR.28 | | |
| **Use case Name:** | Edit project | | |
| **Creator:** | Nhan Pham | **Update By:** |  |
| **Creation date:** | 2/3/2020 | **Date Update:** |  |
| **Primary actor:** | E03 | | |
| **Brief description:** | E03 edit project in website admin | | |
| **Pre-conditions:** | E03 was logined | | |
| **Post-conditions:** | * Success   E03 edit project | | |
| **Main Success flow:** | 1. E03 access to website admin 2. System show interface login on screen 3. E03 input username & password (DD.WL.001) 4. E03 press button “Đăng nhập” 5. System show interface home page on screen 6. E03 press button “Quản lý dự án bất động sản” 7. System show interface page “Quản lý dự án bất động sản”. 8. E03 press button “Sửa” (DD.WP.001) 9. The system displays the interface “Sửa dự án”. (Figure 28) 10. E03 fill out all the information fields (BR.PW.001, BR.PW.002, BR.PW.003, BR.PW.004, BR.PW.005, BR.PW.006, BR.PW.007, BR.PW.008)     1. System show message edit account success (MS.PW.002)     2. System show message edit account fail (MS.PW.003, MS.PW.004, MS.PW.005, MS.PW.006, MS.PW.007, MS.PW.008, MS.PW.009, MS.PW.010, MS.PW.011, MS.PW.012, MS.PW.013, MS.PW.014, MS.PW.015) 11. End | | |
| **Alternative flows:** | N/A | | |
| **Exception flows:** | 10. Fix the project successfully (start at step 10 of the main event stream)  10.1 The system displays the notice of successful account modification (Token: MS.PW.002).  10. Download failed image (start at step 10 of main event stream)  10.2 The system displays a message when the admin enters the wrong or missing (Token: MS.PW.003).  10. Download failed image (start at step 10 of main event stream)  10.2 The system displays the message, please select the correct image format (Token: MS.PW.004).  10. The message does not leave the project name information field blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Project name must not be blank’(Token: MS.PW.005).  10. The message does not leave the address information field blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Address not be vacant’(Token: MS.PW.006).  10. The message does not leave the money information field blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Amount may not be blank’ (Token: MS.PW.007 ).  10. The message does not leave the project name information field blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Project name must not be blank’(Token: MS.PW.008).  10. The message does not leave the overview information field blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Overview must not be blank’ (Token: MS.PW.009).  10. Notice does not leave legal field blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Legal must not be blank’(Token: MS.PW.010).  10. The message does not leave the price field information blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Price list must not be blank‘(Token: MS.PW.011).  10. Notice does not leave CSBH information field for NV when editing (start at step 10 of main event stream)  10.2 The system displays ‘CSBH for NV is not empty’ (Token: MS.PW.012).  10. Notice does not leave CSBH information field for KH when editing (start at step 10 of main event stream)  10.2 The system displays ‘CSBH for KH is not empty’ (Token: MS.PW.013).  10. The message does not leave the prochure information field blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Prochure must not be blank’ (Token: MS.PW.014).  10. The message does not leave the status information field blank when editing (start at step 10 of main event stream)  10.2 The system displays ‘Status may not be blank’ (Token: MS.PW.015). | | |
| **Trigger:** | E03 | | |
| **Relationships**: | <<include>>, <<extend>> | | |
| **Priority:** | High | | |
| **Frequency of use:** | High | | |
| **Business Rules:** | BR.PW.001, BR.PW.002, BR.PW.003, BR.PW.004, BR.PW.005, BR.PW.006, BR.PW.007, BR.PW.008 | | |
| **Special Requirement:** | N/A | | |
| **Mockup Screen** | Figure 28: Edit project | | |