Use case Description

for

Meeting Room

Booking System

(MRBS)

Ver 1.0

UC6 – Borrower Management

1. Over view diagram.



| Usecase ID | Usecase name | Actor | Source |
| --- | --- | --- | --- |

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| --- | --- | --- | --- |
| UC6.1 | View Borrower List | Booking room manager | Huyen Le |
| UC6.2 | Creat Borrower | Booking room manager | Huyen Le |
| UC6.3 | Import Borrower List | Booking room manager | Huyen Le |
| UC6.4 | Search Borrower | Booking room manager | Huyen Le |
| UC6.5 | View Group Borrower | Booking room manager | Huyen Le |
| UC6.6 | Edit Group Borrower | Booking room manager | Huyen Le |
| UC6.7 | Delete Group Borrower | Booking room manager | Huyen Le |

1. Detail description.
   1. View Group Borower List

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| --- | --- | --- | --- |
| ID | UC6.1 | | |
| Name | View Borrower List | | |
| Author | Huyen Le | Modify by |  |
| Date |  | Update |  |
| Actor | Booking room manager | | |
| Description | Show borrower list information and users can view it. | | |
| Precondition | Signed in system by booking room manager account. | | |
| Post condition: | Show borrower list information in panel in right of form. | | |
| Main flow: | 1. Select “Danh mục” tab on working screen. 2. Press “Quản Lý người mượn” button. 3. Program show a new dialog windows 4. Choose a borrower list on combo box. 5. Program will show all information of borrower list and fill full in text boxes in edit panel. | | |
| Alternative flow: |  | | |
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| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |

* 1. Create Borrower

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| --- | --- | --- | --- |
| ID | UC6.2 Create Borrow | | |
| Name | Create Borrower | | |
| Author | Huyen Le | Modify by |  |
| Date |  | Update |  |
| Actor | Booking room manager | | |
| Description | User can create new borrower. | | |
| Precondition | Signed in system with Booking room manager account and new borrower is not exist in database. | | |
| Post condition: | New borrower is created and store in database. | | |
| Main flow: | 1. Select “Danh mục” tab on working screen. 2. Press “Quản Lý người mượn” button. 3. Program show a new dialog windows 4. Press “Thêm” button. 5. User fill full required information. 6. Program check the valid of input information. 7. System check the valid of new record with records in database. 8. System will store new record in database. 9. Program show message notice “Thêm người dùng thành công” 10. Press “ok” button to finish. | | |
| Alternative flow: | 1. Press “Hủy” button at step 4 of main flow. 2. Turn back “Quản lý người dùng” tab. | | |
| 1. At step 6 of main flow, after press “đồng ý” button and program check the valid of input information, if input value is invalid program show notice label in “Create New Borrower Record Windows” that “Thông tin nhập vào đã bị sai, bạn vui lòng nhập lại”. | | |
| 1. At step 7 of main flow, if system check the valid of new record with records in database and see this record has been existed, program show message notice that “Người dùng này đã tồn tại, xin bạn vui lòng tạo lại với mã số khác khác”. 2. Turn back to “Quản lý người dùng”. | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: | Required information: Borrower ID, borrower name, email and a special option. | | |

* 1. Import Borrower List

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| --- | --- | --- | --- |
| ID | UC6.3 Import Borrower List | | |
| Name | Import Borrower List | | |
| Author | Huyen Le | Modify by |  |
| Date |  | Update |  |
| Actor | Booking room manager | | |
| Description | Help booking room manager import list of borrower. | | |
| Precondition | Signed in system with Booking room manager account. | | |
| Post condition: | Show list of new record. | | |
| Main flow: | * + - 1. Select “Danh mục” tab on working screen.  1. Press “Quản Lý người mượn” button. 2. Program show a new dialog windows 3. Press “Import”. Choose path to actor folder contain import file. 4. Press “Ok” button to get path and paste to text box. 5. Press “Đồng ý” button. 6. Program will find the file, read and check valid of each field. 7. System will check valid of each record in list with records in database. 8. System will store all valid record in database. 9. Program show message notice that “Đã thêm thành công”. 10. Press “ok” button to show new record list. | | |
| Alternative flow: | * 1. Press “Hủy” button at step 4 in main flow.   2. Program turn back to view screen, clean import textbox. | | |
| * + 1. Invalid input information and invalid record after check by program and system will be removed without notice in import progress. | | |
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| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |

* 1. Search Borrower

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| --- | --- | --- | --- |
| ID | UC6.4 Search Borrower | | |
| Name | Search Borrower Record | | |
| Author | Huyen Le | Modify by |  |
| Date |  | Update |  |
| Actor | Booking room manager | | |
| Description | Basic function help user can find borrower information. | | |
| Precondition | Signed in system by booking room manager account and record of this borrower is existed in database. | | |
| Post condition: | Show account information in panel in right of form | | |
| Main flow: | * + - 1. Select “Danh mục” tab on working screen.  1. Press “Quản Lý người mượn” button. 2. Program show a new dialog windows 3. Actor can search in two ways, search by keyword is “Borrower ID” or “Name of borrowers” 4. Type the keywords. 5. Press “Enter”. 6. System will find in database. 7. Program show result in a name list in left list box of screen. | | |
| Alternative flow: | 1. If system can not find any result, name list will be empty. | | |
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| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |

* 1. View Borrower.

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| --- | --- | --- | --- |
| ID | UC6.5 View Borrower | | |
| Name | View Borrower | | |
| Author | Huyen Le | Modify by |  |
| Date |  | Update |  |
| Actor | Booking room manager. | | |
| Description | Show borrower information and users can view it. | | |
| Precondition | Signed in system by booking room manager account. | | |
| Post condition: | Show group borrower information in panel in right of form. | | |
| Main flow: | 1. Select “Danh mục” tab on working screen. 2. Press “Quản Lý người mượn” button. 3. Program show a new dialog windows 4. Select blanks “Tên nhóm” or “Mã nhóm” on working screen. 5. Choose a borrower combo box. 6. Choose a borrower want to view. 7. Program will show all information of this borrower and fill full in text boxes in edit panel. | | |
| Alternative flow: |  | | |
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| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |

* 1. Edit Group Borrow.

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| --- | --- | --- | --- |
| ID | UC6.6 Edit Borrower | | |
| Name | Edit Group Borrower | | |
| Author | Huyen Le | Modify by |  |
| Date |  | Update |  |
| Actor | Booking room manager | | |
| Description | Show borrower information and user can edit it. | | |
| Precondition | Signed in system by booking room manager account. | | |
| Post condition: | Show borrow in panel in right of form. User can change information and save. | | |
| Main flow: | 1. Use “View borrow” function 2. Press group want edit 3. Select blanks “Mã”, “Họ và Tên” or “Email” edit 4. Press “Lưu” button. 5. Program check the valid of input information. 6. System will find and edit that record in database. 7. Program show message notice “Chỉnh sửa thành công” 8. Press “Ok” button to finish. | | |
| Alternative flow: | 1. At step 3 of main flow, after press “Lưu” button and program check the valid of input information, if input value is invalid program show notice label in “Edit panel” that “Thông tin nhập vào đã bị sai, bạn vui lòng nhập lại”. | | |
| 1. Press “hủy” button at step 3 of main flow. 2. Program turn back “quản lý tài khoản” tab. | | |
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| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: | 1. User has to fill full required information. 2. Some information can be edited are floor and email. | | |

* 1. Delete Group Borrow.

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| ID | UC6.7 Delete Borrower | | |
| Name | Delete Borrower | | |
| Author | Huyen Le | Modify by |  |
| Date |  | Update |  |
| Actor | Booking room manager | | |
| Description | Show borrower information and user can delete it. | | |
| Precondition | Signed in system by booking room manager account. | | |
| Post condition: | Show borrower information in panel in right of form. User can delete this borrower. | | |
| Main flow: | 1. Use “View borrower” function. 2. Press “Xóa” button. 3. Program show message notice that “Bạn chắn chắn muốn xóa nó chứ”. 4. Press “Vâng” button. 5. System will find and delete of that record in database. 6. Program show message notice that “Đã xóa thành công” 7. Press “Ok” button to finish. | | |
| Alternative flow: | 1. Press “Không” button at step 4 in main flow. 2. Program turn back to view screen. | | |
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| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |