**Use case Description**

for

**Meeting Room**

**Booking System**

**(MRBS)**

Ver 1.0

UC1 – Account management

1. Over view diagram.



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

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| --- | --- | --- | --- |
| UC1.1 | Create New User Account | administrator | Son Dang |
| UC1.2 | View User Account | administrator | Son Dang |
| UC1.3 | Edit User Account | administrator | Son Dang |
| UC1.4 | Delete User Account | administrator | Son Dang |
| UC1.5 | Sign In | Booking room manager, administrator | Son Dang |
| UC1.6 | Sign Out | Booking room manager, administrator | Son Dang |
| UC1.7 | Edit Current User Account | Booking room manager, administrator | Son Dang |

1. Actor table.
2. Detail description.
   1. Create New User Account.

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| --- | --- | --- | --- |
| ID | **UC1.1** | | |
| Name | **Create New User Account** | | |
| Author | Son Dang | Modify by |  |
| Date |  | Update |  |
| Actor | Administrator | | |
| Description | User can create new user account for system. | | |
| Precondition | Logged in system under “admin” permission, new account name has not exist record in system database. | | |
| Post condition: | New user account is created and store in database. | | |
| Main flow: | 1. Select “Quản lý tài khoản” tab on working screen. 2. Press “Thêm tài khoản” button. 3. Program show a new dialog windows, user fill full required information. (rule number 1) 4. Press “đồng ý”. 5. Program check the valid of input information. 6. System check the valid of new account with records in database. 7. System create new record for this account in database. 8. Program show message notice “Thêm tài khoản thành công” 9. Press “ok” to finish. | | |
| Alternative flow: | 1. Press “Hủy” button at step 4 of main flow. 2. Turn back “Quản lý tài khoản” tab. | | |
| 1. At step 5 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 Account Windows” that “Thông tin nhập vào đã bị sai, bạn vui lòng nhập lại”. | | |
| 1. At step 6 of main flow, if system check the valid of new account with records in database and see this account has been existed, program show message notice that “Tài khoản này đã tồn tại, xin bạn vui lòng tạo lại với tên khác”. 2. Turn back to “Create New Account Windows. | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: | 1. Required information: Account User Name, Floor, Email. 2. Password will be create automatically (user name is also password). | | |

* 1. View User Account.

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| ID | **UC1.2** | | |
| Name | **View User Account** | | |
| Author | Son Dang | Modify by |  |
| Date |  | Update |  |
| Actor | Administrator | | |
| Description | Show users account information and users can view it. | | |
| Precondition | Logged in system by admin account. | | |
| Post condition: | Show account information in panel in right of form. | | |
| Main flow: | 1. Select “Quản lý tài khoản” tab on working screen. 2. Choose a floor in floor list combo box. 3. Choose a account want to view. 4. Program will show all information of this account and fill full in text boxes in edit panel. | | |
| Alternative flow: |  | | |
|  | | |
|  | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |

* 1. Edit User Account.

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| --- | --- | --- | --- |
| ID | **UC1.3** | | |
| Name | **Edit User Account** | | |
| Author | Son Dang | Modify by |  |
| Date |  | Update |  |
| Actor | Administrator | | |
| Description | Show users account information and user can edit it. | | |
| Precondition | Logged in system by admin account. | | |
| Post condition: | Show account information in panel in right of form. User can change information and save. | | |
| Main flow: | 1. Select “Quản lý tài khoản” tab on working screen. 2. Choose a floor in floor list combo box. 3. Choose a account want to view. 4. Program will show all information of this account and fill full in text boxes in edit panel. 5. Edit, update information. 6. Press “Lưu”. 7. Program check the valid of input information. 8. System will find and edit that record in database. 9. Program show message notice “Chỉnh sửa thành công” 10. Press “ok” to finish. | | |
| Alternative flow: | 1. At step 7 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 6. 2. Program turn back before edit. | | |
|  | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: | 1. User has to fill full required information. | | |

* 1. Delete User Account.

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| --- | --- | --- | --- |
| ID | **UC1.4** | | |
| Name | **Delete User Account** | | |
| Author | Son Dang | Modify by |  |
| Date |  | Update |  |
| Actor | Administrator | | |
| Description | Show users account information and user can delete it. | | |
| Precondition | Logged in system under “admin” permission. | | |
| Post condition: | Show account information in panel in right of form. User can delete this account. | | |
| Main flow: | 1. Select “Quản lý tài khoản” tab on working screen. 2. Choose a floor in floor list combo box. 3. Choose a account want to view in account list box in left screen. 4. Program will show all information of this account and fill full in text boxes in edit panel. 5. Press “xóa tài khoản”. 6. Program show message notice that “Bạn chắn chắn muốn xóa nó chứ”. 7. Press “Vâng”. 8. System will find and delete of that record in database. 9. Program show message notice that “Đã xóa thành công” 10. Press “ok” to finish. | | |
| Alternative flow: | 1. Press “Không” button at step 7 in main flow. 2. Program turn back to view screen. | | |
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| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |

* 1. Sign In.

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| --- | --- | --- | --- |
| ID | **UC1.5** | | |
| Name | **Sign In** | | |
| Author | Son Dang | Modify by |  |
| Date |  | Update |  |
| Actor | Administrator , Booking room manager. | | |
| Description | Sign in is a basic function help users of system can join in and use other program features. | | |
| Precondition | User account has been existed in database. | | |
| Post condition: | Program show main working screen. User can use other program features.  *User name will display with a blue link label at top –right of screen.* | | |
| Main flow: | 1. In sign in window, actor fill user name and password in user name and password text box. 2. Press “Đăng nhập” button. 3. System will check the valid of account (user name and password) with record in database. 4. Program show main working screen. *Program will show* *User name will display with a blue link label at top –right of screen.* | | |
| Alternative flow: | 1. At step 3 of main flow, if system check the valid of account with record in database and see this account has not been existed or wrong password, program show message notice that “Tên tài khoản hoặc mật khẩu không đúng, vui lòng xem và nhập lại”. | | |
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| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |

* 1. Sign Out.

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| --- | --- | --- | --- |
| ID | **UC1.6** | | |
| Name | **Sign Out** | | |
| Author | Son Dang | Modify by |  |
| Date |  | Update |  |
| Actor | Administrator , Booking room manager. | | |
| Description | Sign out is a basic function help users of system can leave from program. | | |
| Precondition | Signed in by any account. | | |
| Post condition: | Program show login window. Close working screen. | | |
| Main flow: | 1. Press “Đăng xuất” label at top right of working screen. 2. System will terminate all operations of this client. 3. Show sign in window. | | |
| Alternative flow: |  | | |
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| Exception : | 1. Press close window button in main working screen. Program will operate like when actor press “Đăng xuất” label. | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |

* 1. Edit Current User Account.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | **UC1.7** | | |
| Name | **Edit Current User Account** | | |
| Author | Son Dang | Modify by |  |
| Date |  | Update |  |
| Actor | Administrator , Booking room manager. | | |
| Description | Edit current user account is a basic function help users of system can edit their information. | | |
| Precondition | Signed in by any account. | | |
| Post condition: | New information will be stored in database. | | |
| Main flow: | 1. Press blue link label with current user name at top right of working screen. 2. Program show edit user information window. 3. Actor update new information. 4. Press “Lưu” button to save. 5. Program check the valid of input information. 6. System will find and edit information of that record in database. 7. Program show message notice that “Thay đổi thành công”. 8. Press “Xác nhận” button. | | |
| Alternative flow: | 1. Press “Hủy” button at step 4 in main flow. 2. Turn back to “quản lý tài khoản” tab. | | |
| 1. At step 5 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 User Information Window” that “Thông tin nhập vào đã bị sai, bạn vui lòng nhập lại”. | | |
|  | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: |  | | |