**Use case description**

**for**

**Meeting Room Booking System**

**(MRBS)**

**Version 0.1**

**UC7 – Email Management**

1. **Overview Diagram**



|  |  |  |  |
| --- | --- | --- | --- |
| **Usecase ID** | **Usecase Name** | **Actor** | **Source** |
| UC7.1 | View Email Template List | Booking Room Management | Tin Nguyen |
| UC7.2 | Create Email Template | Booking Room Management | Tin Nguyen |
| UC7.3 | View Email Template | Booking Room Management | Tin Nguyen |
| UC7.4 | Edit Email Template | Booking Room Management | Tin Nguyen |
| UC7.5 | Delete Email Template | Booking Room Management | Tin Nguyen |
| UC7.6 | Send Email Automatically | Timer/System | Tin Nguyen |

**2. Detail Usecase**

2.1 View Email Template List

|  |  |  |  |
| --- | --- | --- | --- |
| ID | **UC7.1** | | |
| Name | **View Email Template List** | | |
| Author | Tin Nguyen | Modify by |  |
| Date | 06/22/12 | Update |  |
| Actor | Booking Room Manager | | |
| Description | Show email template list and user can view it. | | |
| Precondition | Actor signed in system by “Booking Room Manager” account. | | |
| Post condition: | Show email template list in text field “Danh sách mẫu email” on left of frame. | | |
| Main flow: | 1. Actor select “Danh mục” tab on working screen. 2. Actor select “Quản lý email” in panel. 3. Actor will fill full information in text box “Danh sách mẫu email”. 4. Have two ways view, user find “ Email Template ID” or “Email Template Name”. 5. System show a new dialog windows and actor fill full information. 6. Actor press “ok” for view. 7. System will show email template list for view. | | |
| Alternative flow: |  | | |
| Exception : |  | | |
| Includes: | Create Email Template, View Email Template | | |
| Priority: | High | | |
| Business rules: |  | | |

2.2 Create Email Template

|  |  |  |  |
| --- | --- | --- | --- |
| ID | **UC7.2** | | |
| Name | **Create Email Template** | | |
| Author | Tin Nguyen | Modify by |  |
| Date | 06/22/12 | Update |  |
| Actor | Booking Room Manager | | |
| Description | User can create new email template. | | |
| Precondition | Actor signed in system under “Booking Room Manager” permission, new email template name has not exist record in system database. | | |
| Post condition: | New email template is created and store in database. | | |
| Main flow: | 1. Actor select “Danh mục” tab on working screen. 2. Actor select “Quản lý email” in panel. 3. Actor will fill full information in text box “Danh sách mẫu email”. 4. Actor press “Thêm” for view. 5. System check the valid of input information. 6. System check the valid of new email template with records in database. 7. System show message notice “Thêm email thành công” 8. Press “Lưu” button to finish. | | |
| Alternative flow: | At step 3, if actor fill information invalid then system will turn back “Danh sách mẫu email” tab and notice “ Thông tin bạn nhập vào bị sai, yêu cầu bạn nhập lại”. | | |
|  | 1. Press “Hủy” button at step 4 of main flow. 2. Turn back “Quản lý email” tab. | | |
|  | 1. At step 6 of main flow, if system check the valid of new email template with records in database and see this email template has been existed, program show message notice that “mẫu email này đã tồn tại, xin bạn vui lòng tạo lại mẫu khác”. 2. Turn back to “Danh sách mẫu email” tab. | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: | 1. System will auto send email for user when occur changes. 2. Actor want send email notice “Thời gian nhận trả phòng”. | | |

* 1. View Email Template

|  |  |  |  |
| --- | --- | --- | --- |
| ID | **UC7.3** | | |
| Name | **View Email Template** | | |
| Author | Tin Nguyen | Modify by |  |
| Date | 06/22/12 | Update |  |
| Actor | Booking Room Manager | | |
| Description | Show users email template and users can view it. | | |
| Precondition | Actor signed in system by “booking room manager” account. | | |
| Post condition: | Show email template list in text field “Danh sách mẫu email” on right of frame. | | |
| Main flow: | 1. Actor select “Danh mục” tab on working screen. 2. Actor select “Quản lý email” in panel. 3. Actor will fill full information in text box “Danh sách mẫu email”. 4. Have two ways view, user find “ Email Template ID” or “Email Template Name”. 5. System show a new dialog windows and actor fill full information. 6. Actor press “ok” for view. 7. System will show email template for view. | | |
| Alternative flow: |  | | |
| Exception : |  | | |
| Includes: | Edit Email Template and Delete Email Template. | | |
| Priority: | High | | |
| Business rules: |  | | |

2.4 Edit Email Template

|  |  |  |  |
| --- | --- | --- | --- |
| ID | **UC7.4** | | |
| Name | **Edit Email Template** | | |
| Author | Tin Nguyen | Modify by |  |
| Date | 06/22/12 | Update |  |
| Actor | Booking Room Manager | | |
| Description | Show users email template and actor can edit it. | | |
| Precondition | Actor signed in system by “Booking Room Manager” account. | | |
| Post condition: | Show email template in panel in right of form. User can change information and save. | | |
| Main flow: | 1. Actor select “Danh mục” tab on working screen. 2. Actor select “Quản lý email” in panel. 3. Actor will fill full information in text box “Danh sách mẫu email”. 4. Have two ways view, user find “ Email Template ID” or “Email Template Name”. 5. System show a new dialog windows and actor fill full information. 6. Actor press “ok” for view. 7. System will show email template for view. 8. Actor perform edit email template and record update it in database. 9. System show message notice “Chỉnh sửa thành công”. 10. Actor press “Lưu” button to finish. | | |
| Alternative flow: | 1. Actor press “Hủy” button at step 6 of main flow. 2. System turn back “Danh sách mẫu email” tab. | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: | Actor must fill full required information and performed right request of customer. | | |

* 1. Delete Email Template

|  |  |  |  |
| --- | --- | --- | --- |
| ID | **UC7.5** | | |
| Name | **Delete Email Template** | | |
| Author | Tin Nguyen | Modify by |  |
| Date | 06/22/12 | Update |  |
| Actor | Booking Room Manager | | |
| Description | Show users email template and actor can delete it. | | |
| Precondition | Actor signed in system under “booking room manager” permission. | | |
| Post condition: | Show email template in panel in right of form. User can delete this email template. | | |
| Main flow: | 1. Actor select “Danh mục” tab on working screen. 2. Actor select “Quản lý email” in panel. 3. Actor will fill full information in text box “Danh sách mẫu email”. 4. Have two ways delete, user find “ Email Template ID” or “Email Template Name”. 5. System show a new dialog windows and actor fill full information. 6. Actor press “ok” for delete. 7. System show message notice that “Bạn chắn chắn muốn xóa nó chứ”. 8. Actor press “Vâng” button. 9. System will find and delete of that record in database. 10. System show message notice that “Đã xóa thành công” 11. Actor press “Lưu” button to finish. | | |
| Alternative flow: | 1. Actor press “Không” button at step 6 in main flow. 2. System turn back to view screen. | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: | System will check some constraint related this email template in system. Example: data relate violate people…. | | |

* 1. Send Email Automatically

|  |  |  |  |
| --- | --- | --- | --- |
| ID | **UC7.6** | | |
| Name | **Send Email Automatically** | | |
| Author | Tin Nguyen | Modify by |  |
| Date | 06/22/12 | Update |  |
| Actor | Timer/System | | |
| Description | System send email automatically for user notice some information related to them. | | |
| Precondition | Setting availability this function in the system. | | |
| Post condition: | Email not yet send to user now. | | |
| Main flow: | 1. We setting this function in the system from the beginning. 2. Create cycle perform send email automatically. 3. On the time, actor will check status of this function. | | |
| Alternative flow: | Actor don’t agree send automatically on the any time. | | |
| Exception : |  | | |
| Includes: |  | | |
| Priority: | High | | |
| Business rules: | 1. Send email automatically for user for notice about “ mật khẩu của người dùng khi họ đăng nhập lần đầu tiên vào hệ thống” 2. Send email automatically when user violated and warned them. | | |