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| **Usecase** | Register |
| **Short Description** | Registering account to become a member of the application. |
| **Pre-Conditions** |  |
| **Post-Conditions** |  |
| **Main flow** | \_Guest must provide mandatory information:   * UserID. * Password. * Confirm Password. * Email. * Identity card.   \_Guest provides supplementary information: FullName, PhoneNumber, Address  \_Guest clicks on Register button.  \_System checks the information which guest provided  \_System creates new account for guest that registers to this application.  \_Guest becomes a member of this application. |
| **Alternative flow(s)** | \_If guest clicks on the Reset button, all the field will be reset.  \_If the mandatory information that guest provided, is missed or not exactly, system notifys the error. All cases are :   * UserID has existed in Database. * Password is less than 6 characters or more than 30 characters. * Confirm Password and Password are not the same. * Email is invalid or has existed in database. * Identity card has any is digit not a character. * Any fields are blank.   \_If the suplementary information that guest provided, is invalid form, system nofitfys the error. All cases are :   * PhoneNumber has any character is not a digit. * Birthday is not along with format “dd/MM/yyyy”.   \_System must be inserted the date that guest register to become member.  \_If server notifys any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Login |
| **Short Description** | Login application to use any function of member. |
| **Pre-Conditions** | Register |
| **Post-Conditions** |  |
| **Main flow** | \_ Inputs the login information:   * User ID. * Password.   \_Guest clicks on the Login button.  \_System checks the Login ID and Password.  \_If Login ID and Password are valid, system will move member to HomePage.  \_ If a wrong password is given thrice in succession, that account will be locked and the customer will not be able to use it. When an invalid password is entered a warning is given to the user that his account is going to get locked. |
| **Alternative flow(s)** | \_If guest clicks on “Reset” button, the Login ID field and Password field are blank.  \_If Login ID field or Password field is invalid form or blank when guest clicks on the “Login” button, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

\_System will show the total price for the their reservation.

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| **Usecase** | View Information Account |
| **Short Description** | Showing all of member’s information. |
| **Pre-Conditions** | Login |
| **Post-Conditions** |  |
| **Main flow** | \_Guest login to this application.  \_Members click on the icon (User Information) to show their information in another window.  \_Members can see all of their information which they provided here. |
| **Alternative flow(s)** | \_If guest have not logined yet, system will comeback the window login then requests user login to continue.  \_If account login did not exist, system will comeback the window registration then request user register an account to use the service.  \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Edit Account |
| **Short Description** | Editing member’s information. |
| **Pre-Conditions** | Login |
| **Post-Conditions** |  |
| **Main flow** | \_Guest login to this application.  \_Members click on the icon (User Information) to go to another window which show their details and then members can edit their information, and access the private information page.  \_Members edit information and save this action.  \_System checks this information and saves it on the server.  \_System notify report to member. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Room reservation |
| **Short Description** | Helping users reserve room. |
| **Pre-Conditions** | Login |
| **Post-Conditions** |  |
| **Main flow** | \_Guest login to this application.  \_Members click on the the icon (Reservation) to start reserve room.  \_Members can search the type of room, price, number of people in a room, etc… which they want to reserve.  \_Members choose room.  \_Members provide information include: FullName, Phone, Email, Identity card of the people who will check in the room.  \_Members choose the start date of the reservation.  \_Members choose the end date of the reservation.  \_System will show the status of the room “Available” or “Unavailable”.  \_If status of the room is “Unavailable”, members must choose another room to reserve.  \_System will show the max number of people in the room which they were reserved.  \_If need, members can check into the checkbox to choose service which we provide for during the time they reserve.  \_If members check, System will show the list of service then members can choose service which they want.  \_If not check, do nothing.  \_System depends on all the information of the room, service, how long members reserve and then show the total.  \_If finish, members click on the button “Next”, system will go to another window to review all the order and make payment. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Manage Order |
| **Short Description** | Helping users review the order and choose payment method. |
| **Pre-Conditions** | Room reservation |
| **Post-Conditions** |  |
| **Main flow** | \_Members have finished selecting room.  \_Members can choose register service to be served during the time they reserve room (if guest need).  \_Member can choose the payment method by Payment Viacard or Cash Payment.  \_ |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Register Service |
| **Short Description** | Helping members choose service of the room. |
| **Pre-Conditions** | Room reservation |
| **Post-Conditions** |  |
| **Main flow** |  |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Manage Notification |
| **Short Description** | Supporting members contact with application or administrator. |
| **Pre-Conditions** | Room reservation |
| **Post-Conditions** |  |
| **Main flow** | \_System provides 3 main ways for members to interact with the system and admin.  \_Notification: This window page contains manually updating information.  \_Message: This tool allows members contracting online with admin.  \_Feedback: This sector collecting member’s respones about system, services, errors, … helping admin upgrades quality. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Notification |
| **Short Description** | Showing updating information. |
| **Pre-Conditions** |  |
| **Post-Conditions** |  |
| **Main flow** | \_When members click to the Notification link.  \_System will transfer to a new page that contains detail information and news. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Message |
| **Short Description** | Communicating tool betweem members and admin. |
| **Pre-Conditions** |  |
| **Post-Conditions** |  |
| **Main flow** | \_When members want to interact with admin, they need to input content.  \_Members then click the “Send” button.  \_ System collects request then delivers the message to the admin’s message box.  \_ There will be a system’s notification for members when message was sent. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Feedback |
| **Short Description** | Collecting feedback about room reservation. |
| **Pre-Conditions** |  |
| **Post-Conditions** |  |
| **Main flow** | \_Members give comments and feedback about room reservation.  \_Members then click the “Send” button.  \_System identify content and show on feedback table. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Manage’s Room |
| **Short Description** | Helping Admin manage system. |
| **Pre-Conditions** | Login with Admin’s accout. |
| **Post-Conditions** |  |
| **Main flow** | \_Admin login into the application.  \_Admin control system’s functions such as create, update, search, delete, etc…  \_ |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Create Room |
| **Short Description** | Allowing Admin creates new room and provides information’s room. |
| **Pre-Conditions** | Login with Admin’s accout. |
| **Post-Conditions** |  |
| **Main flow** | \_Admin provide mandatory information to create new room: RoomID, RoomType, RoomName, Price, Status.  \_Admin click button “Add”.  \_System saves data input into DataBase.  \_Application shows the new information on the table. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Update Room |
| **Short Description** | Allowing Admin updates new room’s information. |
| **Pre-Conditions** | Login with Admin’s accout. |
| **Post-Conditions** |  |
| **Main flow** | \_Admin chooses the room’s information want to update.  \_Admin edits data needed to update room’s information (as the status’s room).  \_Admin click button “Update” to finish.  \_System saves the new data into DataBase.  \_\_Application shows the new information on the table. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Delete Room |
| **Short Description** | Allowing Admin delete the room’s information. |
| **Pre-Conditions** | Login with Admin’s accout. |
| **Post-Conditions** |  |
| **Main flow** | \_Admin chooses the room want to delete.  \_Admin click button “Delete”.  \_System will show the message box to comfirm.  \_If admin click button “Yes”, system will delete the room’s information in Database.  \_If admin click button “No”, do nothing.  \_The application will update the UI and show information on the table. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Manage’s Customer |
| **Short Description** | Allowing Admin delete the room’s information. |
| **Pre-Conditions** | Login with Admin’s accout. |
| **Post-Conditions** |  |
| **Main flow** | \_Admin chooses the room want to delete.  \_Admin click button “Delete”.  \_System will show the message box to comfirm.  \_If admin click button “Yes”, system will delete the room’s information in Database.  \_If admin click button “No”, do nothing.  \_The application will update the UI and show information on the table. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Delete Room |
| **Short Description** | Allowing Admin delete the room’s information. |
| **Pre-Conditions** | Login with Admin’s accout. |
| **Post-Conditions** |  |
| **Main flow** | \_Admin chooses the room want to delete.  \_Admin click button “Delete”.  \_System will show the message box to comfirm.  \_If admin click button “Yes”, system will delete the room’s information in Database.  \_If admin click button “No”, do nothing.  \_The application will update the UI and show information on the table. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Manage Notification |
| **Short Description** |  |
| **Pre-Conditions** | Login with Admin’s accout. |
| **Post-Conditions** |  |
| **Main flow** | \_ |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |

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| **Usecase** | Send message to customer |
| **Short Description** | Supporting Admin reply the message of customer. |
| **Pre-Conditions** | Login with Admin’s accout. |
| **Post-Conditions** |  |
| **Main flow** | \_Admin chooses the message of customer and read it.  \_Admin input content to reply customer.  \_Admin click button “Send”.  \_System will send the message to function: Manage Notification (Send message) of Customer. After that, customer will receive this message. |
| **Alternative flow(s)** | \_If any information edit is invalid, system will notify the error.  \_If server notifies any error when it’s processing, system must be writen report into Log file. |