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| **Use case ID** | UC01 |
| **Use case name** | Edit History |
| **Description** | This function provides the user edit temple’s history information in the system. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator clicks edit history for updates history. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator edit temple’s history and updates. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides history page’s interface.  3. Administrator clicks edit history.  4. The system provides interface that contain history information.  5. Administrator input new history information.  6. The system provides confirm to submit update.  7. Administrator clicks submit button.  8. The system provides success message. |
| **Alternative Flow** | 4.a Users clicks edit button.  4.1 The system provides confirm button to users.  4.2 Users clicks cancel button. |
| **Exception** | 4.b Users fails to edit the rank information in the database  4.1 The system displays error connection message.  4.2 Use case End. |

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| **Use case ID** | UC02 |
| **Use case name** | Add Activity |
| **Description** | This function provides the user add temple’s activity information. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator clicks add activity. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator add temple’s activity. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides activity page’s interface.  3. Administrator clicks add activity.  4. The system provides interface for add activity information.  5. Administrator input activity information.  6. The system provides confirm to submit.  7. Administrator clicks submit button.  8. The system provides success message. |
| **Alternative Flow** | 4.a Administrator clicks add button.  4.1 The system provides confirm button to users.  4.2 Administrator clicks cancel button. |
| **Exception** | 4.b Administrator fails to add the rank information in the database  4.1 The system displays error connection message.  4.2 Use case End. |

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| **Use case ID** | UC03 |
| **Use case name** | Edit Activity |
| **Description** | This function provides the user edit activity of the temple. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator clicks edit activity for updates activity. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator edit temple’s activity and updates. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides activity page’s interface.  3. Administrator clicks edit activity.  4. The system provides interface that contain activity information.  5. Administrator input new activity information.  6. The system provides confirm to submit update.  7. Administrator clicks submit button.  8. The system provides success message. |
| **Alternative Flow** | 4.a Administrator clicks edit button.  4.1 The system provides confirm button to users.  4.2 Administrator clicks cancel button. |
| **Exception** | 4.b Administrator fails to edit the rank information in the database  4.1 The system displays error connection message.  4.2 Use case End. |

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| **Use case ID** | UC04 |
| **Use case name** | Delete Activity |
| **Description** | This function provides the user delete activity of the temple. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator clicks delete activity. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator delete temple’s activity. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides activity page’s interface.  3. Administrator choose activity for delete.  4. Administrator clicks delete activity.  5. The system provides confirm to submit.  6. Administrator clicks submit button.  7. The system provides success message. |
| **Alternative Flow** | 4.a Administrator clicks delete button.  4.1 The system provides confirm button to users.  4.2 Administrator clicks cancel button. |
| **Exception** | 4.b Administrator fails to delete the rank information in the database  4.1 The system displays error connection message.  4.2 Use case End. |

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| **Use case ID** | UC05 |
| **Use case name** | View Activity |
| **Description** | This function provides the user view temple’s activity information. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator clicks view activity. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator view temple’s activity. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides activity page’s interface.  3. Administrator clicks activity to view.  4. The system provides activity’s information that Administrator choose. |
| **Alternative Flow** | 4.a Administrator view information.  4.1 The system provides activity’s information.  4.2 Administrator clicks back button for back to previous page. |
| **Exception** | 4.b User cannot view information on page.  4.1 The system displays “the server is unavailable” message.  4.2 Use case End. |

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| **Use case ID** | UC06 |
| **Use case name** | View Question |
| **Description** | This function provides the user view question. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator go to question’s page. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator view question. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides question page’s interface.  3. Administrator view question. |
| **Alternative Flow** | 3.a Administrator view information.  3.1 The system provides information.  3.2 Administrator clicks back button for back to previous page. |
| **Exception** | 3.b User cannot view information on page.  3.1 The system displays “the server is unavailable” message.  3.2 Use case End. |

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| **Use case ID** | UC07 |
| **Use case name** | Answer Question |
| **Description** | This function provides the user answer the question. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator input answer. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator answer the question. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides question page’s interface.  3. Administrator input answer.  4. The system provides confirm to submit.  5. Administrator clicks submit button.  6. The system provides success message. |
| **Alternative Flow** | 4.a Administrator input answer.  4.1 The system provides confirm button to users.  4.2 Administrator clicks cancel button. |
| **Exception** |  |

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| **Use case ID** | UC08 |
| **Use case name** | Add Photo |
| **Description** | This function provides the user add temple’s photo. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator clicks add photo. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator add temple’s photo. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides the gallery page’s interface.  3. Administrator clicks add photo button.  4. The system provides interface for choose the photo to upload.  5. Administrator choose photo to upload.  6. The system provides confirm to submit.  7. Administrator clicks submit button.  8. The system provides success message. |
| **Alternative Flow** | 4.a Administrator clicks add button.  4.1 The system provides confirm button to users.  4.2 Administrator clicks cancel button. |
| **Exception** | 4.b Administrator fails to upload the photo in the database  4.1 The system displays error connection message.  4.2 Use case End. |

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| **Use case ID** | UC09 |
| **Use case name** | Delete Photo |
| **Description** | This function provides the user delete the photo. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator choose the photo and delete. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator delete the photo. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides the gallery page’s interface.  3. Administrator choose the photo.  4. Administrator clicks delete button.  5. The system provides confirm to submit.  6. Administrator clicks submit button.  7. The system provides success message. |
| **Alternative Flow** | 4.a Administrator clicks delete button.  4.1 The system provides confirm button to users.  4.2 Administrator clicks cancel button. |
| **Exception** |  |

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| **Use case ID** | UC10 |
| **Use case name** | Edit Contact Information |
| **Description** | This function provides the user edit contact information. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator clicks edit contact. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator edit contact information. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides contact page’s interface.  3. Administrator clicks edit contact button.  4. The system provides interface for updates new contact information.  5. Administrator input contact information.  6. The system provides confirm to submit.  7. Administrator clicks submit button.  8. The system provides success message. |
| **Alternative Flow** | 4.a Administrator clicks add button.  4.1 The system provides confirm button to users.  4.2 Administrator clicks cancel button. |
| **Exception** | 4.b Administrator fails to add the rank information in the database  4.1 The system displays error connection message.  4.2 Use case End. |

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| **Use case ID** | UC11 |
| **Use case name** | View Member Info |
| **Description** | This function provides the user view the member’s information. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator choose member for view the member’s information. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator view the member’s information. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides member page’s interface.  3. Administrator choose the member.  4. The system provides interface for view the member’s information. |
| **Alternative Flow** | 4.a Administrator choose the member.  4.1 The system provides the member’s information to users.  4.2 Administrator clicks back button for back to the previous page. |
| **Exception** |  |

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| **Use case ID** | UC12 |
| **Use case name** | Send Email |
| **Description** | This function provides the user send email. |
| **Actor(s)** | Administrator |
| **Trigger** | Administrator clicks send email. |
| **Precondition** | Administrator login to the system. |
| **Postcondition** | Administrator send email. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides mail’s interface.  3. Administrator input information and mail’s topic.  4. The system provides confirm to send.  5. Administrator clicks send button.  6. The system provides success message. |
| **Alternative Flow** | 4.a Administrator clicks send button.  4.1 The system provides confirm button to users.  4.2 Administrator clicks cancel button. |
| **Exception** |  |

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| **Use case ID** | UC13 |
| **Use case name** | Register |
| **Description** | This function provides the user register to be member. |
| **Actor(s)** | User |
| **Trigger** | User clicks register button. |
| **Precondition** |  |
| **Postcondition** | User register success and get username/password for login. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides register page’s interface.  3. User clicks register.  4. The system provides interface for add personal information.  5. User input personal information.  6. The system provides confirm to register.  7. User clicks register button.  8. The system provides success message. |
| **Alternative Flow** | 6.a User clicks register button.  6.1 The system provides confirm button to users.  6.2 User clicks cancel button.  6.b Repeat username.  6.1 The system displays “this username has already been registered.” message.  6.2 The system provides the user input username again. |
| **Exception** | 6.c User fails to add the rank information in the database  6.1 The system displays error connection message.  6.2 Use case End. |

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| **Use case ID** | UC14 |
| **Use case name** | Edit Personal Information |
| **Description** | This function provides the user edit personal information in the database. |
| **Actor(s)** | User |
| **Trigger** | User clicks edit button for updates personal information. |
| **Precondition** | User login to the system. |
| **Postcondition** | User edit personal information and updates. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides personal information page’s interface.  3. User clicks edit button.  4. The system provides interface for edit personal information.  5. User input new personal information.  6. The system provides confirm to submit.  7. User clicks submit button.  8. The system provides success message. |
| **Alternative Flow** | 4.a User clicks edit button.  4.1 The system provides confirm button to users.  4.2 User clicks cancel button. |
| **Exception** | 4.b User fails to add the rank information in the database  4.1 The system displays error connection message.  4.2 Use case End. |

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| **Use case ID** | UC15 |
| **Use case name** | View Personal Information |
| **Description** | This function provides the user view personal information. |
| **Actor(s)** | User |
| **Trigger** | User go to personal information’s page. |
| **Precondition** | User login to the system. |
| **Postcondition** | User view personal information. |
| **Normal Flow** | 1. The system connect to the database. 2. The system provides main page’s interface.  3. User go to personal information’s page.  4. The system provides personal information page’s interface.  5. User view personal information. |
| **Alternative Flow** | 3.a Administrator view information.  3.1 The system provides information.  3.2 Administrator clicks back button for back to previous page. |
| **Exception** | 3.b User cannot view information on page.  3.1 The system displays “the server is unavailable” message.  3.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC16 |
| **Use case name** | View History |
| **Description** | This function provides the user view history. |
| **Actor(s)** | User |
| **Trigger** | User go to history’s page. |
| **Precondition** | User login to the system. |
| **Postcondition** | User view history. |
| **Normal Flow** | 1. The system connect to the database. 2. The system provides main page’s interface. 3. User go to history’s page.  4. The system provides history page’s interface.  5. User view history. |
| **Alternative Flow** | 3.a Administrator view information.  3.1 The system provides information.  3.2 Administrator clicks back button for back to previous page. |
| **Exception** | 3.b User cannot view information on page.  3.1 The system displays “the server is unavailable” message.  3.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC17 |
| **Use case name** | View Activity |
| **Description** | This function provides the user view activity information. |
| **Actor(s)** | User |
| **Trigger** | User go to activity’s page. |
| **Precondition** | User login to the system. |
| **Postcondition** | User view activity. |
| **Normal Flow** | 1. The system connect to the database. 2. The system provides main page’s interface. 3. User go to activity’s page.  4. The system provides activity page’s interface.  5. User clicks view temple’s activity |
| **Alternative Flow** | 3.a Administrator view information.  3.1 The system provides information.  3.2 Administrator clicks back button for back to previous page. |
| **Exception** | 3.b User cannot view information on page.  3.1 The system displays “the server is unavailable” message.  3.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC18 |
| **Use case name** | View Map |
| **Description** | This function provides the user view map. |
| **Actor(s)** | User |
| **Trigger** | User go to map’s page. |
| **Precondition** | User login to the system. |
| **Postcondition** | User view map. |
| **Normal Flow** | 1. The system connect to the database. 2. The system provides main page’s interface. 3. User go to map’s page.  4. The system provides map page’s interface and the temple’s position.  5. User view map. |
| **Alternative Flow** | 3.a Administrator view information.  3.1 The system provides information.  3.2 Administrator clicks back button for back to previous page. |
| **Exception** | 3.b User cannot view information on page.  3.1 The system displays “the server is unavailable” message.  3.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC19 |
| **Use case name** | View Contact Information |
| **Description** | This function provides the user view contact information. |
| **Actor(s)** | User |
| **Trigger** | User go to contact information page. |
| **Precondition** | User login to the system. |
| **Postcondition** | User view contact information. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides main page’s interface. 3. User go to contact information page.  4. The system provides contact information page’s interface.  5. User view contact information. |
| **Alternative Flow** | 3.a Administrator view information.  3.1 The system provides information.  3.2 Administrator clicks back button for back to previous page. |
| **Exception** | 3.b User cannot view information on page.  3.1 The system displays “the server is unavailable” message.  3.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC20 |
| **Use case name** | View Photo |
| **Description** | This function provides the user view photo. |
| **Actor(s)** | User |
| **Trigger** | User go to the gallery’s page |
| **Precondition** | User login to the system. |
| **Postcondition** | User view photo. |
| **Normal Flow** | 1. The system connect to the database. 2. The system provides main page’s interface. 3. User go to the gallery’s page  4. The system provides gallery page’s interface.  5. User view photo in the gallery. |
| **Alternative Flow** | 3.a Administrator view information.  3.1 The system provides information.  3.2 Administrator clicks back button for back to previous page. |
| **Exception** | 3b User cannot view photo and information on page.  3.1 The system displays “the server is unavailable” message.  3.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC21 |
| **Use case name** | Add Question |
| **Description** | This function provides the user asks administrator about other information. |
| **Actor(s)** | User |
| **Trigger** | User click add question button. |
| **Precondition** | User login to the system. |
| **Postcondition** | User send the question. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides question page’s interface.  3. User clicks add question button.  4. The system provides interface for add question.  5. User input the question.  6. The system provides confirm to submit.  7. User clicks submit button.  8. The system provides success message. |
| **Alternative Flow** | 4.a User clicks add question button.  4.1 The system provides confirm button to users.  4.2 User clicks cancel button. |
| **Exception** | 4.b User fails to add the rank information in the database  4.1 The system displays error connection message.  4.2 Use case End. |

|  |  |
| --- | --- |
| **Use case ID** | UC22 |
| **Use case name** | Connect to Facebook |
| **Description** | This function provides the user connect to the facebook. |
| **Actor(s)** | User |
| **Trigger** | User click facebook button. |
| **Precondition** | User login to the system. |
| **Postcondition** | User connect to the facebook. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides main page’s interface.  3. User clicks facebook button.  4. The system provides the user go to facebook for login.  5. User login on facebook success.  6. The system provides confirm to submit.  7. User clicks submit button.  8. The system provides success message. |
| **Alternative Flow** | 4.a User clicks facebook button.  4.1 The system provides confirm button to users.  4.2 User clicks cancel button. |
| **Exception** | 4.b User fails to add the rank information in the database  4.1 The system displays error connection message.  4.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC23 |
| **Use case name** | View Question Forum |
| **Description** | This function provides the user view question forum. |
| **Actor(s)** | User |
| **Trigger** | User click question forum button. |
| **Precondition** | User login to the system |
| **Postcondition** | User view question forum. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides question page’s interface.  3. User clicks question forum button.  4. The system provides question forum page’s interface.  5. User view the question in forum. |
| **Alternative Flow** | 3.a Administrator view information.  3.1 The system provides information.  3.2 Administrator clicks back button for back to previous page. |
| **Exception** | 3.b User cannot view photo and information on page.  3.1 The system displays “the server is unavailable” message.  3.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC24 |
| **Use case name** | Login |
| **Description** | This function provides the user asks administrator about other information. |
| **Actor(s)** | Administrator, User |
| **Trigger** | Administrator, User input username/password. |
| **Precondition** |  |
| **Postcondition** | Administrator, User login to the system. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides login page’s interface.  3. Administrator and user input username and password. 4. Administrator and user clicks login button.  5. The system provides success message.  6. The system provides main page’s interface. |
| **Alternative Flow** | 4.a Username or password wrong.  4.1 The system display “username/password is wrong” message.  4.1 The system provides the user to login again. |
| **Exception** | 4.b Administrator, User fails to login.  4.1 The system displays error connection message.  4.2 Use case End. |

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| --- | --- |
| **Use case ID** | UC25 |
| **Use case name** | Logout |
| **Description** | This function provides the user logout from the system. |
| **Actor(s)** | Administrator, User |
| **Trigger** | Administrator, User click logout button. |
| **Precondition** | Administrator, User login to the system. |
| **Postcondition** | Administrator, User logout from the system. |
| **Normal Flow** | 1. The system connect to the database.  2. The system provides logout button for logout.  3. Administrator, User click logout button.  4. The system provides success message. |
| **Alternative Flow** |  |
| **Exception** | 3b Administrator, User cannot logout.  3.1 The system displays error connection message.  3.2 Use case End. |