### 2.5. Management system

#### a. Login

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-38 Login for Management system** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | System administrators need to log into the system to perform management functions. | | |
| Trigger: | Users access the link "sofamanager/login". | | |
| Preconditions: | N/A | | |
| Postconditions: | N/A | | |
| Normal Flow: | **1.0 Login for Management system**   1. Users accesses the link "sofamanager/login". 2. The system displays login page. 3. User enters username and password. 4. User clicks on “Login” button. 5. The system displays home page. | | |
| Alternative Flows: | None | | |
| Exceptions: | **1.0.E1 User enters missing username or password fields and click “Login”**   1. The system notifies that the user must enter username and password   **1.0.E2 User entered incorrect username or password**   1. The system notifies that the user has entered an incorrect password or username | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of one usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### b. Log out

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-39 Logout of Management system** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | Admin log out of the system | | |
| Trigger: | User clicks on the button “Logout” | | |
| Preconditions: | PRE-1. User is logged into the system | | |
| Postconditions: | N/A | | |
| Normal Flow: | 1. **Log out of Management system** 2. User click on the button “Log out” on the right top of page. 3. Log out the user from the system and move to the login page | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | N/A | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### c. Create new staff

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-40 Create new staff** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | Admins with higher authority will be allowed to create accounts with smaller roles for system administration (except for users). | | |
| Trigger: | User clicks on the button “Create a new staff”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | POST-1. Create accounts with smaller roles for system administration. | | |
| Normal Flow: | * 1. **Create new staff**  1. User is logged into the system as role of admin. 2. User click on the button “Account management”. 3. The system displays the page that show all staff of system. 4. User click on the button “Create a new staff”. 5. The system displays the “Add new staff” page. 6. User enters information of new account. 7. User click on the button “Add”. 8. The system notifies that the account has successfully added and redirects to the staff list page. | | |
| Alternative Flows: | None | | |
| Exceptions: | **1.0.E1 User enters missing some of the fields and click “Add”**   1. The system notifies that the user must not leave fields blank.   **1.0.E2 User enters an existing username**   1. The system notifies that username already exists and the user must enter another username. | | |
| Priority: | High | | |
| Frequency of Use: | N/A | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### d. View User list

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-41 View User list** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator has the right to view all registered users that used the mobile application. | | |
| Trigger: | User clicks on the button “User management”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | N/A | | |
| Normal Flow: | * 1. **View User list**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “User management”. 4. The system displays list of all user that used the mobile application, sorted by date created. | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of one usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### e. Search user

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-42 Search user** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can search for users by name or username | | |
| Trigger: | User clicks on the button “Search”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | POST-1. User must access to the user list page by click on the button “User management”. | | |
| Normal Flow: | * 1. **Search user**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “User management”. 4. The system displays list of all user. 5. User enter the keyword to search input on the top of page. 6. User click on the button “Search” 7. The system displays the result that match with the keyword. | | |
| Alternative Flows: | None | | |
| Exceptions: | **1.0.E1 User doesn’t enter keyword and click “Search”**   1. The system does not respond if the user presses the “Search” button without a keyword.   **1.0.E2 The keyword entered by the user does not exist**   1. The system informs users that there are no user that match the keyword. | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### f. Ban user

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-43 Ban user** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can ban an user that used the mobile application. | | |
| Trigger: | User clicks on the button “Ban”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | POST-1. User must go to User management page.  POST-2. The status of user account must be “Active”.  POST-3. The user information can access by view user list and search. | | |
| Normal Flow: | * 1. **Ban user**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “User management”. 4. The system displays list of all user. 5. User selects user and click to button “Ban”. 6. The system displays a popup to confirm. 7. User click on the button “Yes”. 8. The system notifies the user lock is successful, the user's status becomes inactive, the “Ban” button becomes “Unban” . | | |
| Alternative Flows: | None | | |
| Exceptions: | **1.0.E1 User click on “No” option on confirmation popup**   1. The system close the popup and do nothing. | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of one usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### g. Reset password for user

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-44 Reset password for user** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can reset password for user that used the mobile application when they can’t recovery password. | | |
| Trigger: | User clicks on the button “Reset password”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | POST-1. User must go to User management page.  POST-2. The status of user account must be “Active”.  POST-3. The user information can access by view user list and search. | | |
| Normal Flow: | * 1. **Reset password for user**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “User management”. 4. The system displays list of all user. 5. User selects user and click to edit icon. 6. The system shows the user detail page. 7. User click to button “Reset password”. 8. The system displays a popup to confirm. 9. User click on the button “Yes”. 10. The system notifies the user password has reset successful. | | |
| Alternative Flows: | None | | |
| Exceptions: | **1.0.E1 User click on “No” option on confirmation popup**  1. The system close the popup and do nothing. | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of one usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### h. View post list

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-45 View post list** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator has the right to view all post that posted by users on the mobile application. | | |
| Trigger: | User clicks on the button “Post management”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | N/A | | |
| Normal Flow: | * 1. **View post list**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “Post management”. 4. The system displays list of all user that posted by users on the mobile application, sorted by date created. | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### i. View post detail

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-46 View post detail** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can view the details of a post posted by the user on mobile application. | | |
| Trigger: | User clicks on a post in post list page. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | POST-1. User access the post list page by click on “Post management”. | | |
| Normal Flow: | * 1. **View post detail**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “Post management”. 4. The system displays list of all user that posted by users on the mobile application, sorted by date created. 5. User lick on a post in post list. 6. The system displays the detail post page, show the detail of the post that clicked. | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### j. Search user’s post

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-47 Search user’s post** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can search for post by title | | |
| Trigger: | User clicks on the button “Search”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | POST-1. User must access to the user list page by click on the button “Post management”. | | |
| Normal Flow: | * 1. **Search user’s post**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “Post management”. 4. The system displays list of all user’s post. 5. User enter the keyword to search input on the top of page. 6. User click on the button “Search” 7. The system displays the result that match with the keyword. | | |
| Alternative Flows: | None | | |
| Exceptions: | **1.0.E1 User doesn’t enter keyword and click “Search”**   1. The system does not respond if the user presses the “Search” button without a keyword.   **1.0.E2 The keyword entered by the user does not exist**   1. The system informs users that there are no user that match the keyword. | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |

#### k. Delete user’s post

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-48 Delete user’s post** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can delete user’s post. | | |
| Trigger: | User clicks on the delete icon. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | POST-1. User must access to the user’s post list page by click on the button “Post management”. | | |
| Normal Flow: | * 1. **Delete user’s post**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “Post management”. 4. The system displays list of all user’s post. 5. User select a post and click on delete icon. 6. The system displays a popup to confirm. 7. User click on the button “Yes”. 8. Post’s is deleted and remove from list. | | |
| Alternative Flows: | None | | |
| Exceptions: | **1.0.E1 User click on “No” option on confirmation popup**   1. The system close the popup and do nothing. | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |

#### l. Manage voucher

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-49 Manage voucher** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator has the right to view all voucher of the shop. | | |
| Trigger: | User clicks on the button “Voucher management”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | N/A | | |
| Normal Flow: | * 1. **Manage voucher**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “Voucher management”. 4. The system displays list of all voucher that created by shop on the mobile application, sorted by date created. | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### m. View report list

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-50 View report list** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator has the right to view all report that reported from mobile application user. | | |
| Trigger: | User clicks on the button “Report management”. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | N/A | | |
| Normal Flow: | * 1. **View report list**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “Report management”. 4. The system displays list of all voucher that reported from mobile application user, sorted by date created. | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### n. View report detail

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-51 View report detail** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can view the details of a report that report by the user on mobile application. | | |
| Trigger: | User clicks on a post in post list page. | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | POST-1. User access the post list page by click on “Report management”. | | |
| Normal Flow: | * 1. **View report detail**  1. User is logged into the system. 2. The system displays home page with dashboard. 3. User click on the button “Report management”. 4. The system displays list of all user report that reported from mobile application user, sorted by date created. 5. User lick on a report in report list. 6. The system displays the detail report page, show the detail of the report that clicked. | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### o. Manage recommendation data

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-52 Manage recommendation data** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can view the data of the recommendation system, posts are highly interactive, enough points to be included in the recommendation system. | | |
| Trigger: | User clicks on the button “Recommendation data management” | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | N/A | | |
| Normal Flow: | 1. **Manage recommendation data** 2. User is logged into the system. 3. The system displays home page with dashboard. 4. User click on the button “Recommendation data management”. 5. The system displays list of all post are highly interactive, enough points to be included in the recommendation system, sorted by interactive and point. | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### p. Manage user balance

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-53 Manage user balance** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can view all deposit transactions and advertisements of users on the system, sorted by time. | | |
| Trigger: | User clicks on the button “Balance management” | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | N/A | | |
| Normal Flow: | 1. **Manage user balance** 2. User is logged into the system. 3. The system displays home page with dashboard. 4. User click on the button “Balance management”. 5. The system displays list of all deposit transactions and advertisements of users on the system, sorted by time. | | |
| Alternative Flows: | None | | |
| Exceptions: | N/A | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users, average of many usage per day. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

#### q. Manage my profile

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | **UC-54 Manage my profile** | | |
| Created By: | TungNT | Date Created: | 26/01/2021 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Description: | The system administrator can view and update their profile. | | |
| Trigger: | User clicks on the button “My profile” or avatar icon | | |
| Preconditions: | PRE-1. User is logged into the system as role of admin | | |
| Postconditions: | N/A | | |
| Normal Flow: | 1. **View my profile** 2. User is logged into the system. 3. The system displays home page with dashboard. 4. User click on the button “My profile” or avatar icon 5. The system displays the detail profile of user.   **2.0 Update my profile**   1. User update their profile by edit fields on profile page. 2. User click on the button “Update” 3. The system notifies that update successful and reload the updated profile. | | |
| Alternative Flows: | None | | |
| Exceptions: | **2.0.E1 User enters missing some of the fields and click “Update”**   1. The system notifies that the user must not leave fields blank.   **2.0.E2 User doesn’t enter keyword and click “Search”**   1. The system does not respond if the user presses the “Update” button without a edit. | | |
| Priority: | High | | |
| Frequency of Use: | Approximately 5 users. | | |
| Business Rules: | N/A | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |