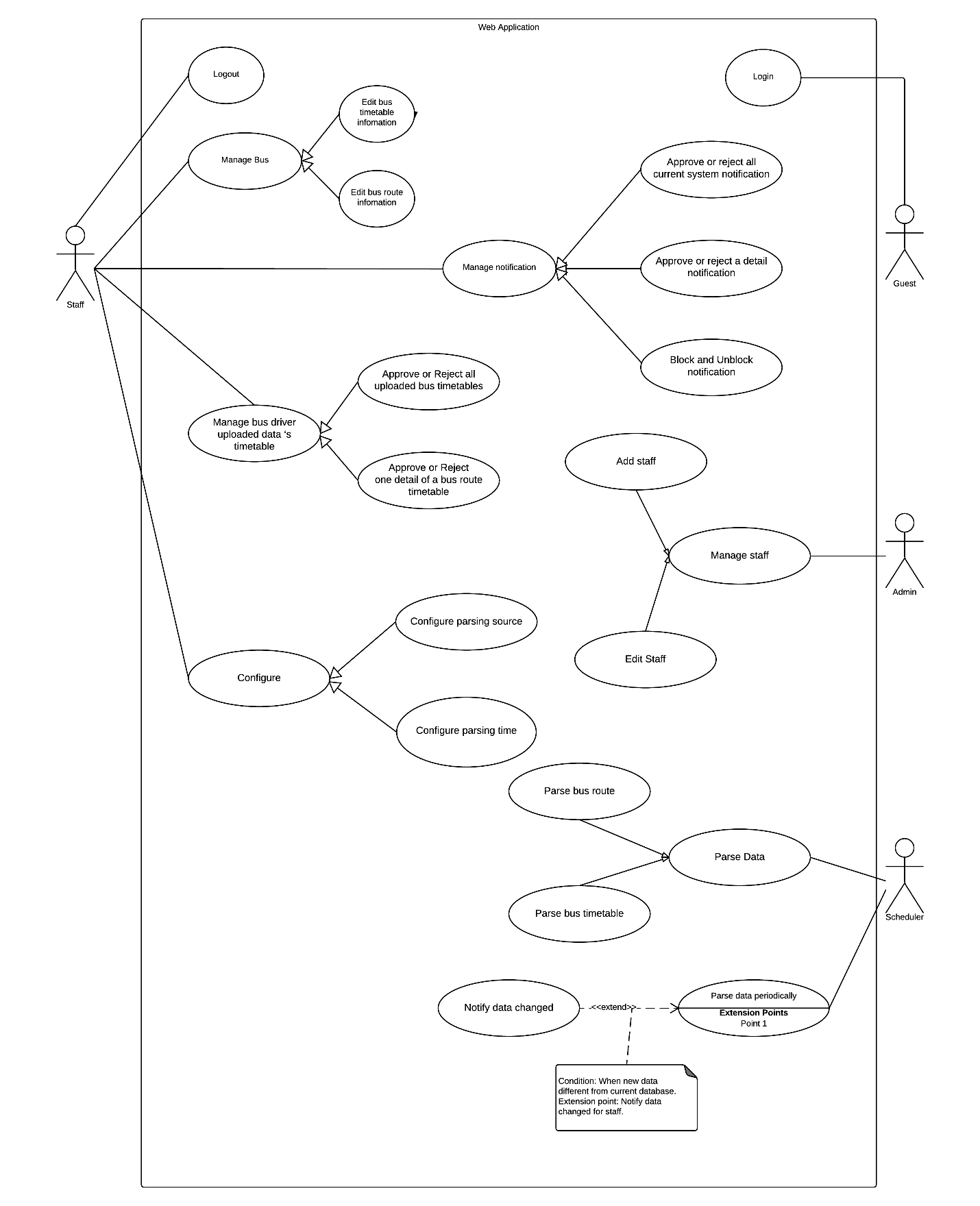
### System overview use case



### List of Use Case

#### Web Application

##### <Guest> Overview Use Case



Figure 5 <Guest> Overview Use Case

###### <Guest> Login



Figure 6 <Guest> Login

|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – WG01 | | | |
| Use Case No. | WG01 | **Use Case Version** | 2.0 |
| Use Case Name | Login | | |
| Author | DatNT | | |
| Date | 23/09/2015 | **Priority** | Normal |
| Actor:   * Guest   Summary:   * This use case allows guest to log in the system and this function will implement on web application.   Goal:   * Guest can log in the system.   Triggers:   * Guest sends the login command.   Preconditions:   * N/A   Post Conditions:   * Success: Guest login the system. * Fail: N/A.   Main Success Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest goes to login view. | System requires identity information from Guest:   * Guest code: free text input. * Password: free text input. | | 2 | Guest inputs information. |  | | 3 | Guest sends login command to system. | If login successful, guest will login system with login account role.  If login fail, system show error message “Invalid username or password”. |   Alternative Scenario: N/A  Exceptions: N/A  Relationships: N/A  Business Rules:   * Password field must be displayed “\*”. * Encrypt password before being send to server. * After login to system successful, guest will be redirected to specific view based on their role on the system: staff or admin. * If role is “Admin”, the system will display to Admin view. * If role is “Staff”, the system will display to Staff Dashboard view | | | |

Table 10 Use case WG01 - <Guest> Login

##### <Staff> Overview Use Case



Figure 20 <Staff> Overview Use Case

###### <Staff> Logout



Figure 21 <Staff> Logout

|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – WS01 | | | |
| Use Case No. | WS01 | **Use Case Version** | 2.0 |
| Use Case Name | Logout | | |
| Author | DatNT | | |
| Date | 23/09/2015 | **Priority** | Normal |
| Actor:   * Staff   Summary:   * This use case allows staff logout the system and this function will implement on web application.   Goal:   * Staff can logout the system.   Triggers:   * Staff sends logout command.   Preconditions:   * Session must be expired.   Post Conditions:   * Success: Staff logs out the system. * Fail: N/A.   Main Success Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff sends logout command. | Staff exists from system.  [Exception 1] |   Alternative Scenario: N/A  Exceptions:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Session timeout. | System log out automatically then navigate to login page because of long inactivity. |   Relationships: N/A  Business Rules:   * If user is inactive in 30 minutes, system will automatically log user out. | | | |

Table 24 Use case WS01 - <Staff> Logout

###### 1.1.1.2.6. <Staff> Approve or reject all current system notification



Figure 25 <Staff> Approve or reject all current system notification

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| --- | --- | --- | --- |
| USE CASE – WS04 | | | |
| Use Case No. | WS06 | **Use Case Version** | 2.0 |
| Use Case Name | Approve or reject all current system notification | | |
| Author | DatNT | | |
| Date | 23/09/2015 | **Priority** | medium |
| Actor:   * Staff.   Summary:   * This use case allows staff to approve or reject all current system notifications, and this function will implement on web application.   Goal:   * System provide approve or reject all current system notifications for supporting staff manage system notifications.   Triggers:   * Staff sends approve or reject all current system notifications command.   Preconditions:   * Staff must login into the system with role Staff.   Post Conditions:   * Success: All current system notification will be approved or rejected. * Fail: N/A.   Main Success Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff goes to all system notification view. | Display all current system notification view following information:   * Search field. * List of notification will show on block and each notification includes:   + Content message – link to view detail notification.   + Action:     - Approve notification.     - Reject notification.     - Unblock notification.   + Time of arrived notification. * Approve all action. * Reject all action. | | 2 | Staff send approve or reject all commands. | The system will approve or reject all system notification. |   Alternative Scenario: N/A  Exceptions: N/A  Relationships: N/A  Business Rules:   * If staff approve all notifications, system will implement all changes from requires of notifications. * If staff reject all notifications, system will not implement all changes from requires of notifications. | | | |

Table 28 Use case WS04 - <Staff> Approve or reject all current system notification.

###### 1.1.1.2.7. <Staff> Approve or reject detail notification



Figure 25 <Staff> Approve or reject detail notification

|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – WS04 | | | |
| Use Case No. | WS07 | **Use Case Version** | 2.0 |
| Use Case Name | Approve or reject detail notification | | |
| Author | DatNT | | |
| Date | 23/09/2015 | **Priority** | medium |
| Actor:   * Staff.   Summary:   * This use case allows staff to approve or reject detail notification, and this function will implement on web application.   Goal:   * System provide approve or reject detail notification for supporting staff manage detail notification.   Triggers:   * Staff sends approve or reject command.   Preconditions:   * Staff must login into the system with role Staff.   Post Conditions:   * Success: Detail of notification will be approved or rejected. * Fail: Show error message.   Main Success Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff goes to detail notification view | Display detail notification view with following information:   * Route no. * Route name. * Route type: depart or return. * List of detail notifications on table and each row includes**:**   + Index.   + Time’s type: start time or end time.   + Old notification.   + New notification.   + Time of arrived notification.   + Action:     - Approve notification.     - Reject notification. * Approve all action. * Reject all action. | | 2 | Staff send approve or reject commands. | The system will approve or reject notification. |   Alternative Scenario: N/A  Exceptions: N/A  Relationships: N/A  Business Rules:   * If staff approve detail notification, system will implement change from requires of notification. * If staff reject detail notification, system will not implement change from requires of notification. | | | |

Table 28 Use case WS04 - <Staff> Approve or reject detail notification.

###### 1.1.1.2.9. <Staff> Block and Unblock notification



Figure 25 <Staff>Block and Unblock notification

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| --- | --- | --- | --- |
| USE CASE – WS04 | | | |
| Use Case No. | WS08 | **Use Case Version** | 2.0 |
| Use Case Name | Unblock notification. | | |
| Author | DatNT | | |
| Date | 23/09/2015 | **Priority** | medium |
| Actor:   * Staff.   Summary:   * This use case allows staff to unblock notification and this function will implement on web application.   Goal:   * System provide unlock notification function for supporting staff to manage notifications.   Triggers:   * Staff sends view list of block notification command.   Preconditions:   * Staff must login into the system with role Staff.   Post Conditions:   * Success: Notification will unlock. * Fail: N/A   Main Success Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff send block and unlock notification command. | The system block and unlock requested notification. |   Alternative Scenario: N/A  Exceptions: N/A  Relationships: N/A  Business Rules:   * If staff block notification, the system will not notify staff about this notification. * If staff unblock notification, the system will notify staff about this notification. | | | |

Table 28 Use case WS04 - <Staff> Unlock notification.

###### 1.1.1.2.10. <Staff> Configure parsing source

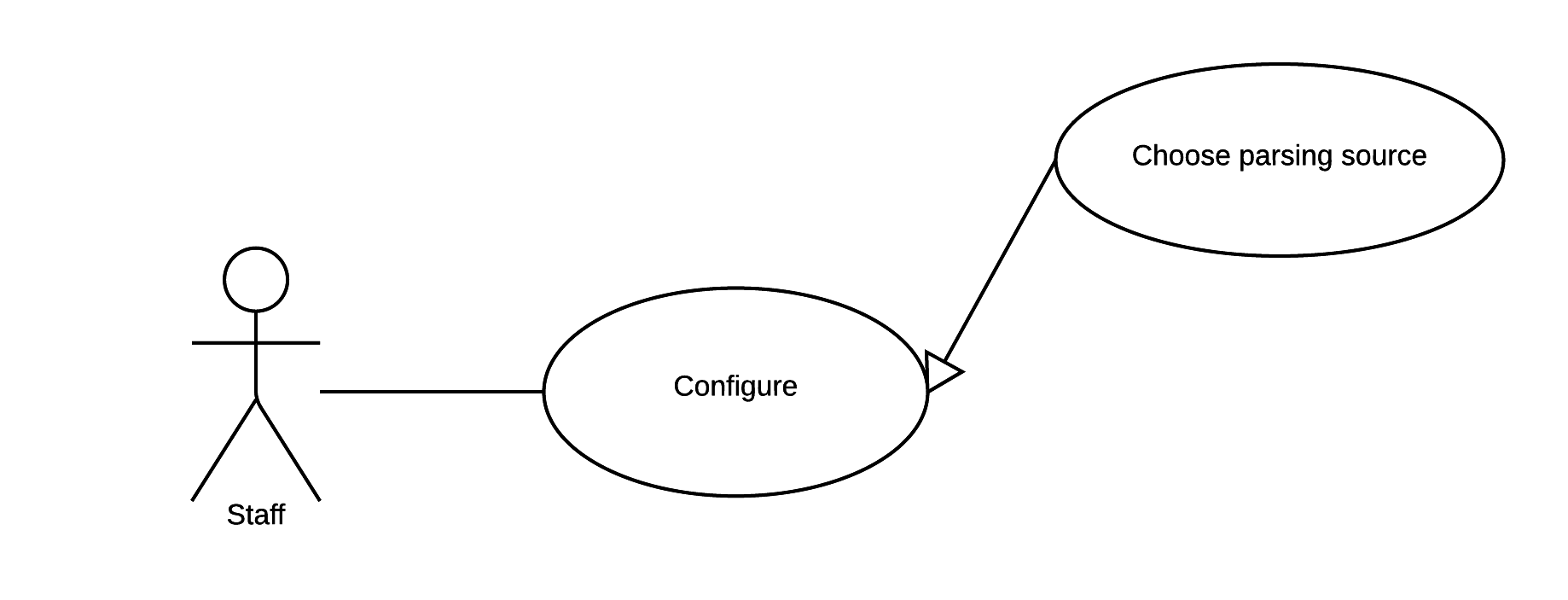


Figure 25 <Staff> Configure parsing source

|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – WS04 | | | |
| Use Case No. | WS08 | **Use Case Version** | 2.0 |
| Use Case Name | Configure parsing source. | | |
| Author | DatNT | | |
| Date | 23/09/2015 | **Priority** | medium |
| Actor:   * Staff.   Summary:   * This use case allows staff to choose parsing source and this function will implement on web application.   Goal:   * The system provide configure parsing source for supporting staff configure parsing.   Triggers:   * Staff sends choose parsing source command.   Preconditions:   * Staff must login into the system with role Staff.   Post Conditions:   * Success: Show successful message. * Fail: N/A.   Main Success Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff send configure parsing source command. | System have two option parsing:   * Parsing from file: staff choose file from local computer.   [Alternative 1]   * Parsing from web: system automatic parse from specified web.   [Alternative 2] |   Alternative Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff choose incorrect file. | Show message “Incorrect file for parsing”.  Show suggestion:   * Choose excel file contains extensions “.xls” or “.xlsx”. * Choose excel file correct following template file: “example.xls”. | | 2 | Web server for parsing is not working. | Show message “Cannot parse at this time. You can try in another time”. |   Exceptions: N/A  Relationships: N/A  Business Rules:   * When system parsing, system has disallowed staff interact with system until system done parsing. * Staff can cancel parsing. | | | |

Table 28 Use case WS04 - <Staff> Configure parsing source.

###### 1.1.1.2.11. <Staff> Configure parsing time

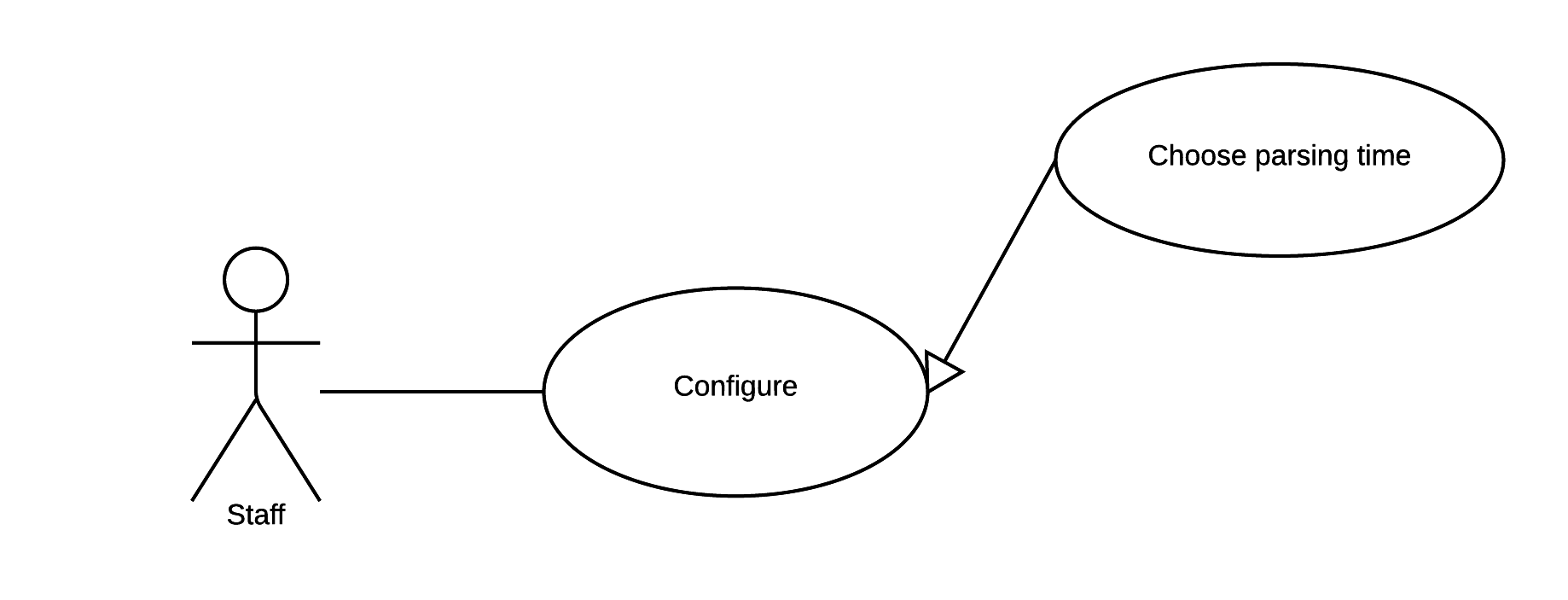


Figure 25 <Staff> Configure parsing time

|  |  |  |  |
| --- | --- | --- | --- |
| USE CASE – WS04 | | | |
| Use Case No. | WS08 | **Use Case Version** | 2.0 |
| Use Case Name | Configure parsing time. | | |
| Author | DatNT | | |
| Date | 23/09/2015 | **Priority** | medium |
| Actor:   * Staff.   Summary:   * This use case allows staff to configure parsing time and this function will implement on web application.   Goal:   * System provide configure parsing time for supporting staff configure parsing.   Triggers:   * Staff sends configure parsing time command.   Preconditions:   * Staff must login into the system with role Staff.   Post Conditions:   * Success: Show successful message. * Fail: N/A.   Main Success Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff send choose parsing time command. | Configure parsing time view shown with following information:   * Date Picker. * Repeat.   System will show a success message.  [Alternative 1] |   Alternative Scenario:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Configuration does not change. | Show message that for staff know that no configuration change. |   Exceptions: N/A  Relationships: N/A  Business Rules:   * At time parsing, system disallowed staff interact with system until system done parsing. * Staff can cancel parsing. | | | |

Table 28 Use case WS04 - <Staff> Choose parsing time.