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| **Use Case Name** | | | Event Cancellation (UC01) |
| **Brief Description** | | | |
| This use case outlines the process for a user to request the removal of an event. If the user is an event organizer, the event must be approved by a municipal employee before it is permanently deleted from the system. | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The user (event organizer or municipal employee) logs into the system | | |
| 2 | The user navigates to the events dashboard. | | |
| 3 | The user selects an option to remove an event. If the user is an organizer, the removal needs approval. Call UC02 “Ask for approval” | | |
| 4 | If approval is accepted the event is removed from the system. Call UC03 “Approved” | | |
| **Alternative Flow** | | | |
| 3a1 | If the user is a municipal employee, the event is removed immediately. | | |
| 4a1 | If approval is not accepted the event is not removed from the system and a notification message is sent to the organizer. Call UC04 “Rejected” | | |
| **Preconditions** | | * The organizer must be logged in and have permission to manage the event. * The event should be scheduled for a future date, not past or currently ongoing. | |
| **Post-Conditions** | | If the user is an organizer:   * Call UC03 “Approved” ή * Call UC04 “Rejected” | |

**USE CASE SPECIFICATION**

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| **Use Case Name** | | | Event Administration (UC05) |
| **Brief Description** | | | |
| This use case describes the series of actions that the employee can take to manage an event from creation to conclusion, including approving an event or rejecting an event. | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The municipal employee, navigates the system | | |
| 2 | The municipal employee, accesses the event administration dashboard | | |
| 3 | The municipal employee approves an event. Call UC06 “Approve an Event” | | |
| **Alternative Flow** | | | |
| 3a1 | The municipal employee rejects an event. Call UC07 “Reject an Event” | | |
| 3a2 | A notification is sent to the organizer. Call UC08 “Send notification to the organizer” | | |
| 3a3 | The event is removed from the queue. Call UC09 “Event Removal from the queue” | | |
| **Preconditions** | | * The municipal employee must be logged into the system with appropriate permissions * There must be at least one event created or assigned for approval | |
| **Post-Conditions** | | * The event list is updated in the system based on the outcome of the approval process * The event is approval or rejected from the municipal employee | |

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| **Use Case Name** | | | Event Details (UC06) |
| **Brief Description** | | | |
| This use case describes the process by which a municipal employee can access a dashboard to monitor the status of events, including viewing the total number of events, pending submissions, and other relevant statistics. | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The municipal employee, logs into the system | | |
| 2 | The municipal employee, accesses the static page | | |
| 3 | The municipal employee views the events statics | | |
| 4 | Based on the information viewed, the employee may decide to approve pending events or view the number of events approved in the system | | |
| **Alternative Flow** | | | |
| 3a1 | If the information is outdated, the employee can refresh the data to ensure they are viewing the most current statistics | | |
| **Preconditions** | | * The municipal employee must be logged into the system with appropriate permissions * The system must be operational and must have up-to-date data on events. | |
| **Post-Conditions** | | * Actions may be taken based on the data reviewed | |

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| **Use Case Name** | | | View Participant List (UC11) |
| **Brief Description** | | | |
| This use case describes the process by which an event organizer can access and view the list of all participants registered for an event within the event management system. | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The event organizer, logs into the system | | |
| 2 | The event organizer, accesses the participants list | | |
| 3 | The event organizer views the details of all participants | | |
| **Alternative Flow** | | | |
| 2a1 | If no participants are registered for the event, the system displays a message indicating that there are no participants to show. | | |
| **Preconditions** | | * The organizer must have an active account with sufficient privileges to access participant data. * The event must be created and available in the system. | |
| **Post-Conditions** | | * The organizer has accessed and viewed the participant details. | |

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| **Use Case Name** | | | Add an Event (UC12) |
| **Brief Description** | | | |
| This use case describes the process by which an event organizer can add a new event to the event management system and submit it for approval by the municipal employee | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The event organizer, logs into the system | | |
| 2 | The event organizer, accesses the event administration dashboard | | |
| 3 | The event organizer add an event for approval to the system. Call UC13 “Event Approved” | | |
| 4 | If the event is approved, a notification of success is sent to the organizer | | |
| **Alternative Flow** | | | |
| 4a1 | If the event is rejected, a notification of rejection is sent to the organizer. Call UC14 “Event Rejected” | | |
| **Preconditions** | | * The organizer must have an active account with administrative privileges to manage events. * The event must be created and available in the system. | |
| **Post-Conditions** | | * The organizer has successfully added the events through the administrative dashboard. | |

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| **Use Case Name** | | | Event Search (UC15) |
| **Brief Description** | | | |
| This use case describes the process by which a visitor can search for events within the event management system using various criteria such as date, location, or event type | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The visitor, logs into the system | | |
| 2 | The visitor navigates to the event search section | | |
| 3 | The visitor enters search criteria and submits the search request | | |
| 4 | The system displays the events that match the search criteria | | |
| **Alternative Flow** | | | |
| 4a1 | If no events match the search criteria the system displays a message indicating no results found | | |
| 4a2 | The visitor can modify the search criteria and search again | | |
| **Preconditions** | | * The visitor must have logged into the system * There must be events listed in the system to search | |
| **Post-Conditions** | | * The visitor has accessed the list of events that match the specified search criteria * The search results have been displayed | |

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| **Use Case Name** | | | Book Management (UC16) |
| **Brief Description** | | | |
| This use case outlines the process by which a visitor can manage their event bookings within the system, including making new bookings and cancelling bookings | | | |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| 1 | The visitor, logs into the system | | |
| 2 | The visitor navigates to the booking management section | | |
| 3 | The visitor book a new event. Call UC18 “Book an Event” | | |
| 4 | The booking is completed successfully. Call UC20 “Booking Confirmed” | | |
| **Alternative Flow** | | | |
| 3a1 | The visitor cancels an existing booking | | |
| 4a2 | The booking fails. Call UC19 “Booking Failed” | | |
| **Preconditions** | | * The visitor must have logged into the system * Events available for booking must be listed in the system | |
| **Post-Conditions** | | * The participant has successfully managed their bookings Any changes (new bookings or cancellations) have been recorded and reflected in the participant's account | |