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**Case study 5**

**Use Case: Manage Event**

**Primary Actor:**

* Admin

**Stakeholders and Interests:**

**Admin**:

* Needs to create, update, delete events, and set event requirements efficiently.

**Preconditions:**

* The Admin must be logged into the system.
* Only Admins can create, edit, delete, and set requirements for events.

**Main Flow:**

1. The Admin navigates to the "*Manage Event*" section

2. The system displays options for managing events

3. The Admin selects "*Create Event*"

4. The system prompts for event details (name, description, location, date, time, participant limit, etc.)

5. The Admin enters the required details and submits the form

6. The system validates the input and saves the event

7. The system confirms event creation and adds it to the event list

8. The Admin selects an existing event to “*Edit*”

9. The system displays the event’s details

10. The Admin modifies the necessary fields and submits changes

11. The system validates and updates the event information

12. The Admin selects an event to “*Delete*”

13. The system prompts for confirmation.

14. Upon confirmation, the system removes the event.

15. The Admin selects "*Set Event Requirements*"

16. The system displays available requirement fields (e.g., prerequisites, maximum participants, category).

17. The Admin enters or updates the requirements.

18. The system validates and saves the event requirements.

**Alternate Scenario:**

* **5a:** If required fields are missing, the system prompts the Admin to complete them.
* **10a:** If required fields are missing, the system prompts the Admin to complete them.

**Postconditions:**

* The event is successfully created, updated, or deleted.
* Event requirements are correctly configured and stored.

**Inputs:**

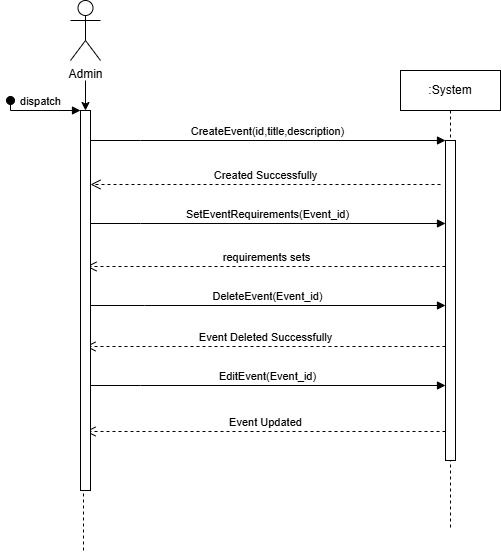
* Event details (name, description, location, date, time, participant limit)
* Edited event details
* Confirmation for deletion
* Requirement details (prerequisites, maximum participants)

**Outputs:**

* + Confirmation of event creation
  + Updated event details
  + Deletion confirmation
  + Error messages if required fields are missing or unauthorized access is attempted

**Special Requirements:**

* The application should be developed in **Java**.
* Event details should be stored securely.



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