**Object Oriented Software Engineering**

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**Assigned Use Cases**

1. View Events
2. Update Events
3. Delete Events
4. Feedback

**Brief Level Use Cases:**

1. **View Events:**

The brief level use case of view events are given below:

* The user logs into the University Event Management System using their credentials.
* The user navigates to the "Events" section of the system.
* The user selects the event they want to view from the list of available events.
* The system displays detailed information about the selected event, including the date, time, location, description, and any other relevant details.
* The user can also view any associated documents or media related to the event, such as photos, or videos.
* If the user is interested in attending the event, they can register for it directly from the event page.

The "view event" feature provides users with a convenient and user-friendly way to browse upcoming events at the university, and helps to promote better engagement and attendance at these events.

1. **Update Events:**

The brief level of update event use case is given below:

* An authorized user logs into the University Event Management System using their credentials.
* The user navigates to the "Events" section of the system.
* The user selects the event they want to update from the list of available events.
* The system displays the current details of the selected event.
* The user can update various aspects of the event such as the date, time, location, description, and any other relevant details.
* The system validates the changes made by the user to ensure they are valid and do not conflict with any other scheduled events.
* Once validated, the system updates the event information and saves the changes to the database.
* The system then sends out notifications to relevant parties (e.g. attendence, event organizers) to inform them of the changes made to the event.

The "update events" feature of the University Event Management System allows authorized users to make changes to events quickly and efficiently, while ensuring that all stakeholders are kept informed of any changes made.

1. **Delete Events:**

The brief level use case of delete events are given below:

* An authorized user logs into the University Event Management System using their credentials.
* The user navigates to the "Events" section of the system.
* The user selects the event they want to delete from the list of available events.
* The system displays the current details of the selected event.
* The user selects the "delete" option for the event.
* The system prompts the user to confirm the deletion of the event to prevent accidental deletions.
* Once confirmed, the system deletes the event from the database.
* The system then sends out notifications to relevant parties (example attendence, event organizers) to inform them of the cancellation of the event.

Overall, the "delete events" feature of the University Event Management System allows authorized users to cancel events that are no longer needed or are unable to proceed for various reasons. This helps to ensure that the university is not wasting resources on unnecessary events and that stakeholders are kept informed of any cancellations made.

1. **Feedback Event:**

The University Event Management System is the ability for attendees to provide feedback on events they have attended. Here's a brief level use case for this feature:

* An attendee logs into the University Event Management System using their credentials.
* The attendence navigates to the "Events" section of the system.
* The attendence selects the event they want to provide feedback on from the list of available events.
* The system displays the details of the selected event.
* The attendee selects the "provide feedback" option for the event.
* The system prompts the attendee to rate various aspects of the event such as the venue, food, speakers, and overall experience.
* The attendee provides comments on the aspects they have rated and can also provide additional comments or suggestions for improvement.
* The system saves the feedback provided by the attendee and associates it with the event in the database.
* The system sends notifications to relevant parties (example event organizers) to inform them of the feedback provided.

The "Event Feedback" feature of the University Event Management System allows attendees to provide valuable insights on events they have attended. This helps event organizers to improve future events, identify areas of strength and weakness, and make necessary changes to ensure better attendence experiences.

**Fully Dressed Form:**

1. **View Event:**

Use Case Name:

View Event

Scope:

University Event Management System

Level:

User goal level

Primary Actor:

University student, teacher.

Stakeholders and Interests:

Primary Stakeholders:

University student, teacher, who want to view details of events.

Secondary Stakeholders:

Event organizers and administrators who want to ensure that events are well-publicized and attended.

Preconditions:

* The user must be authorized to access the University Event Management System.
* The event must be created and added to the system by the event organizer(teachers) or administrator.
* The event must have details such as date, time, location, description, and any other relevant information entered into the system.

Success Guarantee:

The user can view the event details and register for the event if interested.

Main Success Scenario:

* The user logs into the University Event Management System using their credentials.
* The user navigates to the "Events" section of the system.
* The system displays a list of available events.
* The user selects the event they want to view.
* The system displays detailed information about the selected event, including the date, time, location, description, and any other relevant details.
* The user can also view any associated documents or media related to the event, such as photos, or videos.
* If the user is interested in attending the event, they can register for it directly from the event page.

Extensions:

* If the user is not authorized to access the system, the system displays an error message and does not allow them to proceed.
* If the event does not exist in the system, the system displays an error message and directs the user to contact the event organizer or administrator.
* If the event details are incomplete or inaccurate, the system displays an error message and directs the user to contact the event organizer or administrator.
* If the user encounters any technical issues while viewing the event, the system provides support options such as a help desk or technical support team.

Special Requirements:

* The system must be able to display event details accurately and in a user-friendly manner.
* The system must be able to handle large volumes of event data and display it efficiently.
* The system must ensure that user data is protected and not accessible to unauthorized users.

Frequency of Use:

This use case can be used frequently, as users may want to view event details regularly.

1. **Update Events:**

Use Case Name:

Update Event

Scope:

University Event Management System

Level:

User goal level

Primary Actor:

University event organizer(teacher) or administrator (admin)

Stakeholders and Interests:

Primary Stakeholders:

University event organizer(teacher) or administrator(admin) who wants to update an existing event.

Secondary Stakeholders:

University students, faculty, and staff who want to view or attend the updated event.

Preconditions:

The user must be authorized to access the University Event Management System.

The event must already exist in the system.

Success Guarantee:

The event details are updated accurately and the updated event is displayed in the system.

Main Success Scenario:

* The user logs into the University Event Management System using their credentials.
* The user navigates to the "Events" section of the system.
* The system displays a list of available events.
* The user selects the event they want to update.
* The system displays detailed information about the selected event, including the date, time, location, description, and any other relevant details.
* The user selects the "edit" option to update the event details.
* The system displays a form where the user can edit any of the event details.
* The user makes the necessary changes to the event details and submits the form.
* The system validates the changes and updates the event details in the database.
* The system displays a confirmation message to the user indicating that the event has been updated.

Extensions:

* If the user is not authorized to access the system, the system displays an error message and does not allow them to proceed.
* If the event does not exist in the system, the system displays an error message and directs the user to create a new event.
* If the event details are incomplete or inaccurate, the system displays an error message and directs the user to correct the details.
* If the user encounters any technical issues while updating the event, the system provides support options such as a help desk or technical support team.

Special Requirements:

* The system must validate any changes made to the event details to ensure that they are accurate and valid.
* The system must display the updated event details accurately and in a user-friendly manner.
* The system must ensure that user data is protected and not accessible to unauthorized users.

Frequency of Use:

This use case can be used frequently, especially in cases where event details need to be updated or corrected.

Open Issues:

* The system should have appropriate access controls in place to ensure that only authorized users can update events.
* The system should have appropriate mechanisms to track changes made to event details and maintain a history of these changes.

1. **Delete Events:**

Use Case Name:

Delete Event

Scope:

University Event Management System

Level:

User goal level

Primary Actor:

University event organizer(teacher) or administrator (admin)

Stakeholders and Interests:

Primary Stakeholders:

University event organizer(teachers) or administrator(admin) who wants to delete an existing event.

Secondary Stakeholders:

University students, faculty(admin), and staff(teachers) who may be affected by the deletion of the event.

Preconditions:

The user must be authorized to access the University Event Management System.

The event must already exist in the system.

Success Guarantee:

The event is deleted from the system and no longer appears in the system.

Main Success Scenario:

* The user logs into the University Event Management System using their credentials.
* The user navigates to the "Events" section of the system.
* The system displays a list of available events.
* The user selects the event they want to delete.
* The system displays detailed information about the selected event, including the date, time, location, description, and any other relevant details.
* The user selects the "delete" option to delete the event.
* The system displays a confirmation message asking the user to confirm the deletion.
* The user confirms the deletion by clicking on the "confirm" button.
* The system removes the event from the database.
* The system displays a confirmation message indicating that the event has been deleted.

Extensions:

* If the user is not authorized to access the system, the system displays an error message and does not allow them to proceed.
* If the event does not exist in the system, the system displays an error message and directs the user to create a new event.
* If the user encounters any technical issues while deleting the event, the system provides support options such as a help desk or technical support team.

Special Requirements:

* The system must ensure that the event is completely removed from the database and not accessible to any users.
* The system must ensure that user data is protected and not accessible to unauthorized users.

Frequency of Use:

This use case may not be used as frequently as other features, but it is important for event organizers to be able to delete events as necessary.

Open Issues:

* The system should have appropriate access controls in place to ensure that only authorized users can delete events.
* The system should have appropriate mechanisms to track events that have been deleted and maintain a history of these deletions.

1. **Event Feedback:**

Use Case Name:

Event Feedback

Scope:

University Event Management System

Level:

User goal level

Primary Actor:

Students

Stakeholders and Interests:

Primary Stakeholders:

University event students who wants to provide feedback on an event they attended.

Secondary Stakeholders:

University event organizers(teachers) or administrators who may use the feedback to improve future events.

Preconditions:

The user must have attended the event.

The event must have occurred within a specified time frame for feedback submission.

The user must have access to the University Event Management System.

Success Guarantee:

The user's feedback is submitted to the system and recorded for future use.

Main Success Scenario:

* The user logs into the University Event Management System using their credentials.
* The user navigates to the "Events" section of the system.
* The system displays a list of available events.
* The user selects the event they attended and want to provide feedback for.
* The system displays detailed information about the selected event, including the date, time, location, description, and any other relevant details.
* The user selects the "provide feedback" option to submit their feedback.
* The system displays a feedback form that includes questions about the event, such as the quality of the presentation, the relevance of the topic, and the overall satisfaction of the attendee.
* The user completes the feedback form by providing their responses to the questions.
* The user submits the feedback form by clicking on the "submit" button.
* The system stores the feedback in the database.

Extensions:

* If the user is not authorized to access the system, the system displays an error message and does not allow them to proceed.
* If the event has passed the time frame for feedback submission, the system displays a message indicating that feedback is no longer accepted for this event.
* If the user encounters any technical issues while providing feedback, the system provides support options such as a help desk or technical support team.

Special Requirements:

* The feedback form should be user-friendly and easy to complete.
* The system should maintain a record of all feedback received for each event and make this data available to event organizers and administrators.
* The system should ensure that user data is protected and not accessible to unauthorized users.

Frequency of Use:

This use case may be used after each event to collect students feedback.

Open Issues:

* The system should have appropriate mechanisms to track and analyze feedback data to improve future events.
* The system should ensure that feedback is anonymized to protect the privacy of students.