3.1.2.   Use Case Descriptions

Use Case:	Register a user
Use Case ID:	1
Actor(s):	Unregistered user
Brief Description:	An unregistered user can create an account with their data and choose a role, either attendee or organizer
Pre-Conditions:	The user owns an email which is not saved in the system
Post-Conditions:	User is created
Main Success Scenario:	User is Registered and can log in with saved credentials.
Extensions:	
Priority:	high
Performance Target:	high
Issues:	

Use Case:	Login with existing user
Use Case ID:	2
Actor(s):	attendee, organizer or admin
Brief Description:	An already registered user can log in to the system with their credentials
Pre-Conditions:	Credentials must be correct, User is created
Post-Conditions:	User is logged in and can use the system
Main Success Scenario:	1. User access the login page of the system 2. User enters their credentials 3. Credentials are validated by the system 4. An access token is issued to the user
Extensions:	
Priority:	high
Performance Target:	medium
Issues:	

Use Case:	Event CRUD
Use Case ID:	3
Actor(s):	organizer
Brief Description:	An organizer can read, create any event and update and delete their own event with name, capacity, type, description, and date.
Pre-Conditions:	User has an "organizer" account on the system. User is logged in.
Post-Conditions:	Event is created/updated and saved with a link to this organizer. It can be found or deleted by organizerID.
Main Success Scenario:	Newly created or existing events updated and saved. Found event by criteria or deleted event.
Extensions:	
Priority:	high
Performance Target:	high
Issues:	

Use Case:	Search Events
Use Case ID:	4
Actor(s):	Organizer, attendee
Brief Description:	Organizers or attendees can search for every event by different criteria.
Pre-Conditions:	Events had to be created and saved.
Post-Conditions:	One or more Events are returned
Main Success Scenario:	Only events with the right criteria are viewed.
Extensions:	
Priority:	high
Performance Target:	medium
Issues:	What happens with spelling mistakes

Use Case:	Event Inventory CRUD
Use Case ID:	5
Actor(s):	Organizer
Brief Description:	Organizers have each one event Inventory, where they can manage their events (Event CRUD). The inventory can be created, updated, viewed, and deleted.
Pre-Conditions:	User must have the role of "organizer".
Post-Conditions:	Event Inventory should be linked to the organizer
Main Success Scenario:	Event Inventory must be able to be accessed by the linked organizer.
Extensions:	Event CRUD
Priority:	high
Performance Target:	high
Issues:	

Use Case:	give Feedback
Use Case ID:	6
Actor(s):	Attendee
Brief Description:	Attendees can give Feedback for events they have attended.
Pre-Conditions:	A user must have the role of "attendee". The event has to be concluded already and the user has to be registered.
Post-Conditions:	Feedback should be linked to event and user
Main Success Scenario:	Feedback is created and saved.
Extensions:	Event CRUD
Priority:	medium
Performance Target:	medium
Issues:	

Use Case:	see Feedback
Use Case ID:	7
Actor(s):	Organizer, attendee
Brief Description:	Organizers and attendees can see the feedback which was given for an event.
Pre-Conditions:	A user must have the role of "organizer" or "attendee". Event for which the feedback should be shown has had to be created.
Post-Conditions:	Feedbacks were shown.
Main Success Scenario:	Organizer or Attendee can see every Feedback for the chosen event
Extensions:	give Feedback
Priority:	medium
Performance Target:	medium
Issues:	

Use Case:	View Attendance Analytic Report
Use Case ID:	8
Actor(s):	Organizer
Brief Description:	Organizers can view the Analytic Reports for an event. The report contains information about attendees who are registered for an event, bookmarkings and information only visible to the organizer.
Pre-Conditions:	The event for which the report should be displayed has had to be created. Only the event organizer can view the report.
Post-Conditions:	An analytic report is shown.
Main Success Scenario:	Organizer can view the Report to the linked Event.
Extensions:	EventCRUD
Priority:	medium
Performance Target:	low
Issues:	

Use Case:	View Feedback Analytic Report

Use Case ID:	9
Actor(s):	Attendee, Organizer
Brief Description:	Attendees and organizers can view the Analytic Reports for an event. The report contains feedback information.
Pre-Conditions:	The event for which the report should be displayed has had to be created.
Post-Conditions:	An analytic report is shown.
Main Success Scenario:	Attendees and organizers can view the Report to the linked Event.
Extensions:	EventCRUD
Priority:	medium
Performance Target:	low
Issues:	

Use Case:	Bookmark/Unbookmark Events
Use Case ID:	10
Actor(s):	Attendee
Brief Description:	Attendees can bookmark events if they are interested. They can also unbookmark it again.
Pre-Conditions:	User has to have the role of "attendee". Event has to be created, and has to be bookmarked or unbookmarked for each case.
Post-Conditions:	Bookmarked Event is linked to an attendee
Main Success Scenario:	Attendees can bookmark/unbookmark the events.
Extensions:	Event CRUD
Priority:	high
Performance Target:	medium
Issues:	

Use Case:	Tag/Untag Events
Use Case ID:	11
Actor(s):	Attendee
Brief Description:	Attendees can tag events with predetermined tags. They can also untag them again.
Pre-Conditions:	User has to have the role of "attendee". Event has to be created, has to be tagged or untagged for each case.
Post-Conditions:	Tag is linked to Event and Attendee. The tag is taken from an Enum.
Main Success Scenario:	Attendees can tag the events.
Extensions:	Event CRUD
Priority:	high
Performance Target:	medium
Issues:	

Use Case:	register/unregister for Events
Use Case ID:	12
Actor(s):	Attendee
Brief Description:	Attendees can register for Events. If they are registered, they can also unregister again.
Pre-Conditions:	User has to have the role "attendee". Event has to be created and the attendee has to either not be registered yet or be registered.
Post-Conditions:	Register/Attendance is linked to Event and Attendee.
Main Success Scenario:	Attendee is registered to Event and this registration is saved. Organizers can see registered Attendees.
Extensions:	Event CRUD
Priority:	medium
Performance Target:	medium
Issues:	

Use Case:	Send notification
Use Case ID:	13
Actor(s):	Organizer, attendee
Brief Description:	Organizers can send Notifications to Attendees of their own events.
Pre-Conditions:	Users have to be registered by email. Sender has role organizer. The recipient has the role of "attendee".
Post-Conditions:	Attendee received an email from the organizer.
Main Success Scenario:	Organizer sent an email to an attendee who is registered for an event. Attendee receives this email.
Extensions:	
Priority:	high
Performance Target:	high
Issues:	What if the external mail server isn't working?

Use Case:	Get recommender notification
Use Case ID:	14
Actor(s):	attendee
Brief Description:	Attendees get notifications about upcoming events they might like, based on their bookmarks and registered events.
Pre-Conditions:	Users have to be registered by email. The recipient has the role of "attendee". The recipient has bookmarks and/or registries.
Post-Conditions:	Attendee received an email.
Main Success Scenario:	Attendees get emails with upcoming events which
Extensions:	send notification
Priority:	medium
Performance Target:	medium
Issues:	What if the external mail server isn't working?

Use Case:	View maintenance dashboard
Use Case ID:	15
Actor(s):	admin
Brief Description:	Admins can view a dashboard with the health of each service.
Pre-Conditions:	User has the role "admin". The system is running.
Post-Conditions:	Information about all services is viewed.
Main Success Scenario:	Admins can see the health of the system and can check if a service isn't working.
Extensions:	
Priority:	medium
Performance Target:	medium
Issues:	What if all Services aren't running?

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Use Case:	Calendar Export
Use Case ID:	16
Actor(s):	attendee
Brief Description:	Attendees can export events to a calendar
Pre-Conditions:	User has the role of attendee. Events are registered or bookmarked.
Post-Conditions:	JSON, XML, or ical is created
Main Success Scenario:	Attendee exported an event as one of three formats.
Extensions:	
Priority:	medium
Performance Target:	medium
Issues:	