Use Case #3 - Filter University Events by Categories

GENERAL CHARACTERISTICS

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Scope	Backend of HypeU event discovery service
Level	User level
Status	Under review
UML Diagram	See page 1 of 'UML Diagrams.pdf'
Primary Actor	Client User/Guest
Secondary Actors	Event Admin User
Stakeholders and Interests	• User/Guest: Wants to search for nearby events by clicking on one or more categories • Event Admin User: Provides event details for user/guest to search by, and wants users to attend events
Preconditions	Categories are established and events have "tags" representing the categories
Success Post Condition	Future events in the selected category (or categories) will be sent to the client
Failed Post Condition	An error status is sent to the client

MAIN SUCCESS SCENARIO (or basic flow)

Step	Action
1	User arrives at 'Discover' page
2	User selects categories to filter by (one or more, inclusive of sports, academic, 'Organizations I'm Following,' music, Greek life, etc.)
3	Backend queries future events relative to the categories selected
4	Client displays the returned events

EXTENSIONS or Alternate Flows

Step	Branching Action
3a	There are no events/organizations related to the user-selected categories 1. Backend indicates that there were no events found 2. Client shows a message for no events found 3. User can deselect categories in order to expand the search, or view all events

SPECIAL REQUIREMENTS

Req Num	Requirement
1	Querying by filters must be efficient at searching through many events, so users don't have to wait for a long time

TECHNOLOGY AND DATA VARIATIONS LIST

Var Num	Variation
0	N/A

FREQUENCY OF OCCURRENCE: Frequently because we assume that users will want to easily and efficiently look for events that are happening by a specific category.

OTHER ISSUES

Issue Num	Issue
1	How should past events be handled?
2	What specific categories are needed?