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Use Cases

These following use cases are integral to our product because if we were unable to successfully handle these use cases, our app would fail to function as described in our product description. In order for our app to function a user would have to at least be able to create, find, and join events. For the browse use case, the user is presented with a map displaying all nearby events whereas the find use case is when the user is presented with a list of events. While it may seem redundant to have two ways for a user to look for an event, we believe that the map will be able to provide a high level overview for the question of "What's going on around me?" and the list will provide support for a targeted search for a question of "Is anybody playing basketball at the IMA in an hour?".

Create An Event

Goal	User wishes to create an event
Primary Actor	User
Scope	
Level	User
Precondition	User is logged in
Success End	A new event is created
Failure End Condition	New event is not created
Trigger	User presses create event button
Main Success Scenario	1. User presses create event button. 2. System presents event creation screen. 3. User enters title of event. 4. User enters address of event. 5. User enters time of event. 6. User enters description of event. 7. User presses "post event" button. 8. The user presents the map screen with the new event highlighted.

Extensions	At anytime in steps 2-7 the user can press cancel button to cancel operation.
Variations	Editing an event: Same process but the fields are filled out with the original values and the trigger is from pressing the edit event button if the user created the event.

Find Event

Goal	User wishes to find an event using map view
Primary Actor	User
Scope	
Level	User
Precondition	User is logged in
Success End	User finds an event
Failure End Condition	User does not find event
Trigger	User logs in
Main Success Scenario	1. System presents map screen to user. 2. User moves map to desired area. 3. User types search term in search box. 4. System displays pins on map that match the query. 5. User presses pins for more information. 6. System displays more information on map. 7. User presses the information box. 8. System presents a new screen showing the full information for the event.
Extensions	
Variations	

Goal	User wishes to find an event using list view
Primary Actor	User
Scope	
Level	User
Precondition	User is logged in
Success End	User finds an event
Failure End Condition	User does not find event
Trigger	User logs in
Main Success Scenario	1. User is presented with map view. 2. User moves map to desired area. 3. User switches to map view. 4. User types search term in search box. 5. System displays matches to search term. 6. User clicks on desired list item. 7. System presents event view.
Extensions	
Variations	

Log in

Goal	Log in
Primary Actor	User
Scope	
Level	User
Precondition	None
Success End	The user is logged in
Failure End Condition	The user is not logged in
Trigger	The user opens the app

Main Success Scenario	1. The system presents the login screen to the user.
	2. The user clicks the login with Facebook button.
	3. The system jumps to Facebook verification.
	4. The system gets Facebook profile information.
	5. The system displays the main page.
Extensions	3a. The user fails to provide valid identification.
	b. The system displays an error.
	c. The user may retry the process.
Variations	

Join an Event

Goal	User wishes to join an event
Primary Actor	User
Scope	
Level	User
Precondition	The user has found event
Success End	The user registers for event
Failure End Condition	The user does not register for event
Trigger	The user navigates to event
Main Success Scenario	1. The user Finds Event.
	2. The user clicks join event.
	3. The system registers the user for the event.
Extensions	
Variations	1a. The user find event by Browsing For Events.

Browse Events

Goal	User Wishes to Browse Events
Primary Actor	User
Scope	
Level	User
Precondition	The is logged in
Success End	The user is presented with events
Failure End Condition	The user is not presented with events
Trigger	The user is logged in
Main Success Scenario	1. The user types desired location. 2. The system presents all events around the location overlaid on map. 3. The user clicks the on the map to view more information about events.
Extensions	
Variations	3a. The user clicks button to show the events is list form.