

Jackfruit ER Diagram

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Diagram Notation: In contrast to the Workshop 7 example, our ER Diagram uses different lines to notate many-to-many or one-to-many. The '1' and 'n' labels signify which lines are which.

Entity Descriptions (All relationships are referencing):

- User: A user has 1 event list, 1 my events list, and 1 search result list for each search.
User attributes are:
 - Username
 - Passcode
 - Email
 - Phone
- Draft: A user can create n saved several draft events. Draft attributes are:
 - Date/Time
 - Location
 - Description
 - Tag/Category
 - Pictures
- All Event List: The event list has many users. The event list has many events.
- List Feed: List feed is a subset of the main list and has two types
 - My Events: My event list has many events. Each user has one my events component.
 - Trending Events: Trending event list has many events. Each user has one trending events component (based on how they filter events).
- Search Results: Search results has many events.
- Event: Event attributes are:
 - Date/Time
 - Location
 - Description
 - Tag/Category
 - Rating
 - Favorite
 - Picture

Page Descriptions:

- Home: Uses *all event list* and *my events* to display events on the map and the right sidebar. The right sidebar also shows *trending events list* when its pill is selected. The search bar returns search queries from the *all event list*.
- Calendar: Uses *all event list* and *my events* to show *events* throughout the months
- Map: Displays the *all event list* in their given locations across campus. Upon clicking the user can see the details of each *event*.
- Create Event: The user enters details to either create an event to add to the *all events list* or saves a draft as a *saved draft event*.

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- Search Results: Displays the outcomes of a searched query listed as *search results*.
- My Events: A page that lists all of the user's favorite *events* from *my events*.
- Event Details: A page that includes specific information related to a single *event* from *all event list*.

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