6.170 Project 3: FoodHunter
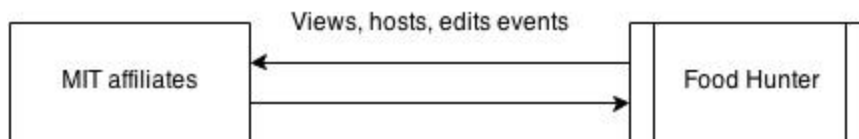Design Doc
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Design Overview

Food Hunter is a web application that allows the members of the MIT community view where free food events are on campus as well as letting the members post of such events.

Purposes:
- Allows MIT affiliates to notify everyone about food events
- Lets MIT affiliates view where free food is on campus
- Reduces the amount of food that is wasted because people were unaware of it
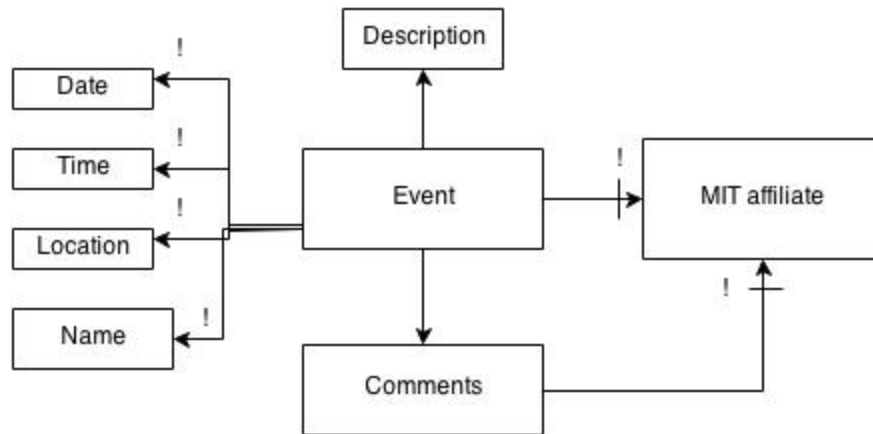
Context Diagram

Concepts

-**Event:** An event is what MIT affiliates would post indicating that there is free food. This would have a event name, date, time, location, and food description. Other MIT affiliates would be able to view this.

-**Comments:** When there is no more free food for an event, there is a comments section for members of the MIT community to use to notify others that there is no more.

Data Model

Design Challenges

- **Who can use the app?**
    - The general public can host and view events
    - Only MIT affiliates can host events, but the general public can view events
    - Only MIT affiliates can host and view events

    For the purposes of our application, we would have only MIT affiliates to be able to use the application. This would require MIT certificate authentication.

- **Updating the events**

    The problem that occurred was how to notify other members of the MIT community that there is no more food left. A few options are:
    - Deleting the event
    - Adding comments

    Adding comments would allow users to also inform others that there is still food for the purposes of reducing how much food is being wasted.