A. Description:
User needs an application that can find Non CS school events, CS school events, and places to eat. The user will be able to use a calendar provided to look up events related to school and the community and add events of their own. The user will also be able to find food using a map.

B. Must have functionality:
1. Allows user to look up Non CS school events using a calendar(Relay for Life, etc.)
2. Allows user to look up CS school events(ACM meetings, etc.)
3. Allows user to find place to eat.

Guidance:
a. User may want to add dates to the CS calendar.
b. User may want to add dates to the non CS calendar.
c. User may want to add a favorite restaurant.
d. User may want to set an alarm for events.
e. User may want erase events they are not interested in.
f. User may want menus to be displayed for Food Finder.

C. What is expected of the application Model?
1. Should provide interface for switching between events and food finders
2. Should provide calendar for Non CS events
   a. able to add event to Sports, Academic, or Events
   b. able to get directions/times for events
3. Should provide calendar for CS events
   a. able to add event to Lectures, ACM, or Tutors
   b. able to get directions/times for events
4. Should provide interface for using Food Finder
   a. able to choose between different types of food
   b. able to tell whether business is open/closed
   c. able to provide call feature
   d. Food Finder map is centered at user location.

D. Perceived Coding and Design Risks:
Model: Moderate  risk. May need to validate input for dates and times when adding events to the calendar. If there is no internet or satellite connectivity, the program will not be functional.

GUI:
User may not be able to find certain event or restaurant they are looking for.
E. Major Interaction Spaces

**Non CS Screen**

The Non CS screen provides interaction with those events. Likewise for the CS screen. Food finder lets user pick category of food before beginning.

After an event/restaurant is chosen a new screen will appear to give the specific information.

**CS Screen**
F. Interaction Flow/State Chart

G. Menus: There are no menus