

# Mobile and Ubiquitous Computing

## CS 4518: *Date Mate*

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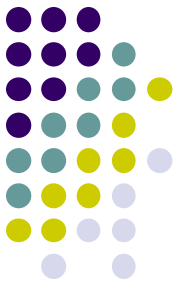




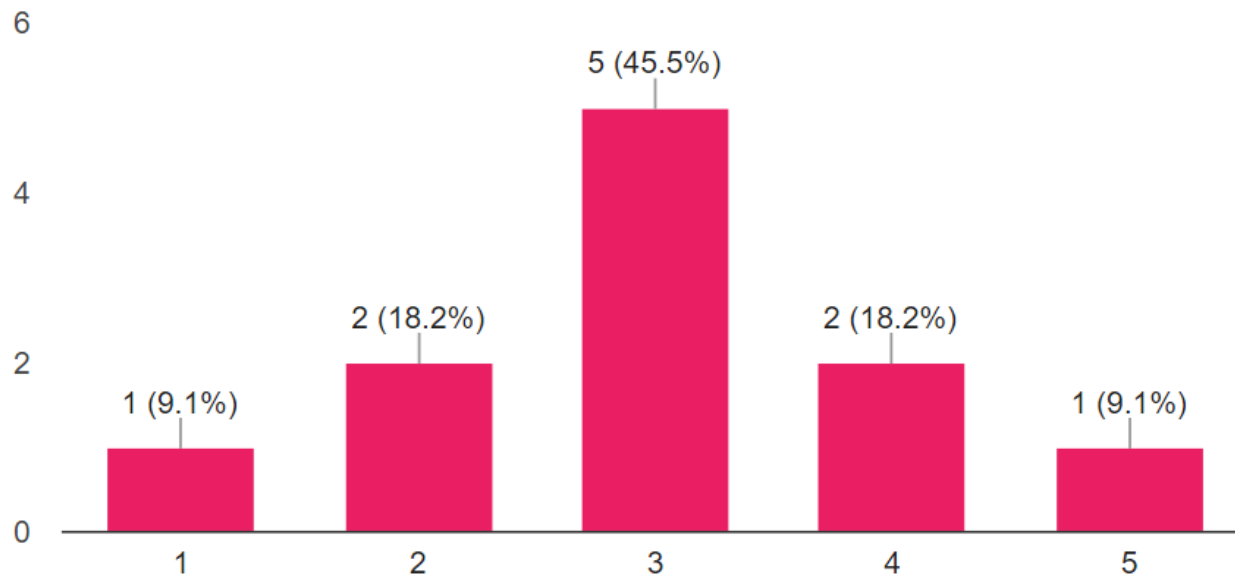
# Restating the Problem

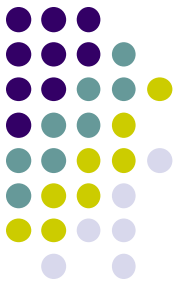
- It is difficult to plan outings and dates with multiple places and activities
- People want outings to go smoothly and it is annoying to keep track of all the details
- Calendar apps are usually designed for planning events out over a longer span of time
- If there was some way to plan out the aspects of an outing it would be much easier

# Survey



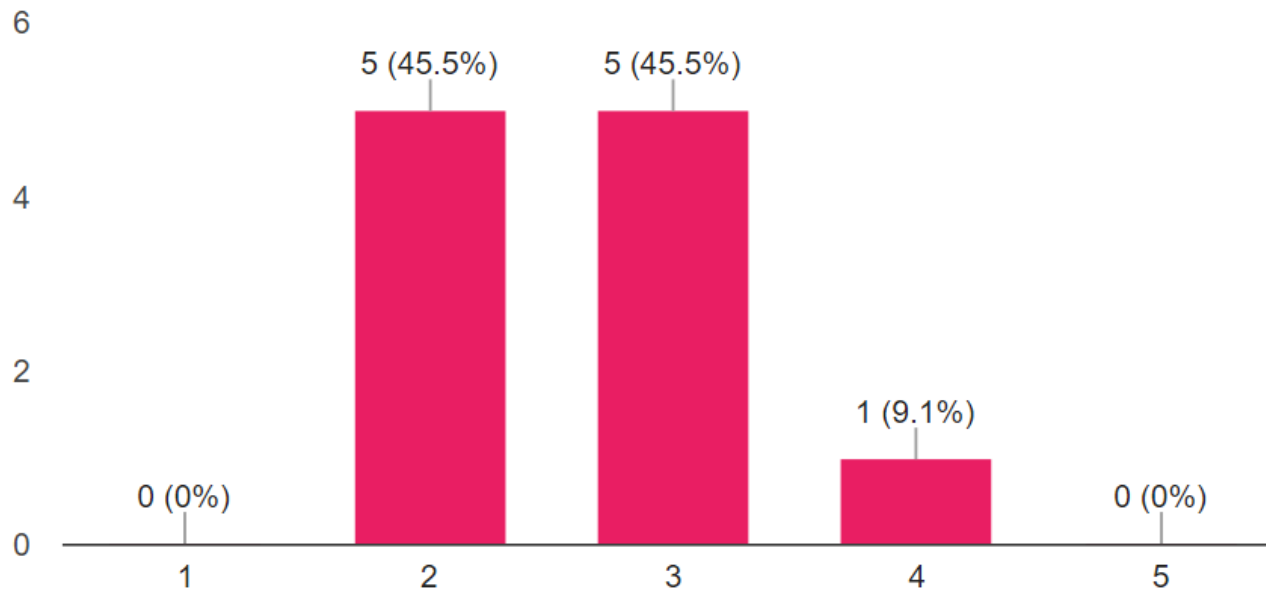
Do you find planning out dates/outings to be stressful? (11 responses)

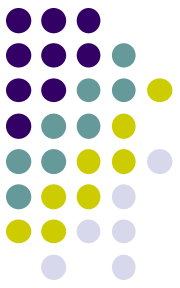




## How aware are you of places in the area that might be suitable ideas for dates/outings?

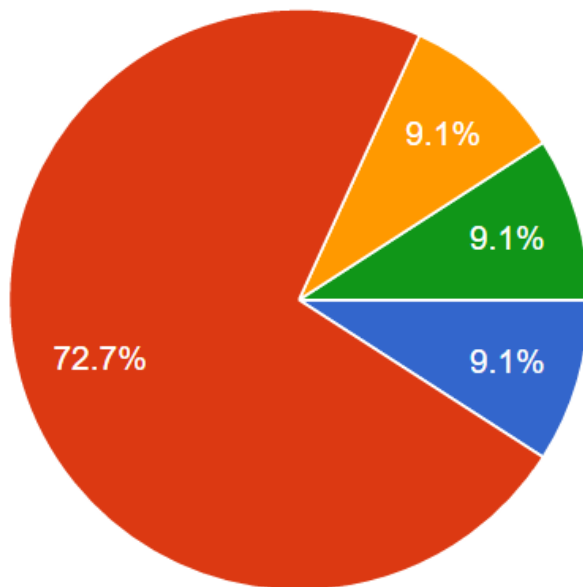
(11 responses)



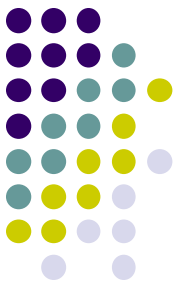


## What do you find to be the most difficult part of date/outing planning?

(11 responses)

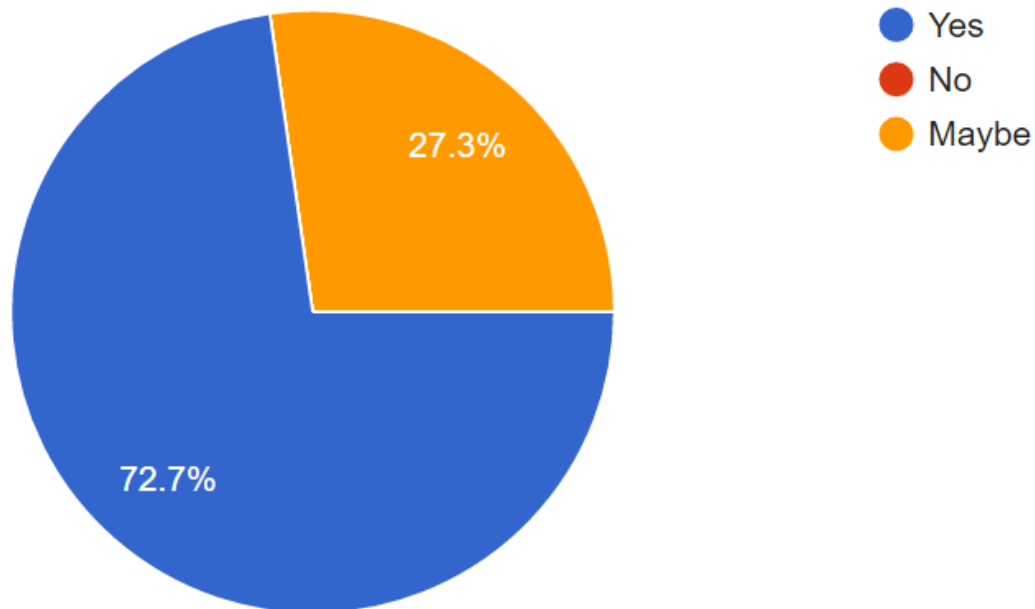


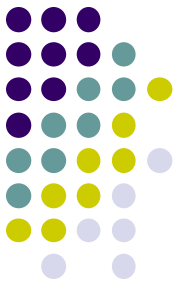
- Small details like travel time between places and store hours
- Finding new places
- The bigger picture like which places you are going to and when
- Other



If there was an app that made planning out dates/outings easier would you use it?

(11 responses)



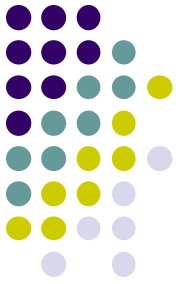


# Date Mate

- Core feature is being able to pick an activity and see other nearby places to complement that activity
- Travel times between locations
- Can also view recommended dates and outings in the area, based on a quick select menu



# Implementation Specifics



- POIs and Custom Locations
  - Android and Web Places API
- SQLite Database



X Event Categories

SAVE

Subway

Start T

End T

Locat

12:00



CANCEL OK

9


3


# Date Mate


 QUICK DATE
  CUSTOM DATE


- 2 Give
- 3 Us
- 4 An
- 6 A

 Please?
 

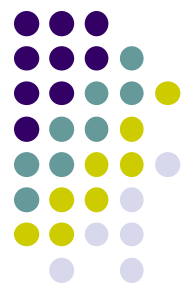
- 0 M  From Previous Location

 **Colonial Bowling Center**

11:00PM - 11:30PM 248 Mill Street, Worcester
- 11 M  From Previous Location

 **CS4518**


2:00PM - 4:00PM Salisbury Laboratories, Worcester, MA 01609, USA



# Event Categories



**RE-LAXED**



**ACTIVE**




**FOOD/DRINK**



**CUSTOM**


# Event Categories

- Rating: 4.2/5    0.15 Miles Away




**Subway**  
151 Highland Street, Worcester

*i* *+*
- Rating: 4.2/5    0.21 Miles Away




**Bagel Time**  
194 Park Avenue, Worcester

*i* *+*
- Rating: 4.4/5    0.23 Miles Away




**The Boynton**  
119 Highland Street, Worcester

*i* *+*
- Rating: 4.1/5    0.25 Miles Away




**The Sole Proprietor**  
118 Highland Street, Worcester

*i* *+*
- Rating: 4.1/5    0.25 Miles Away

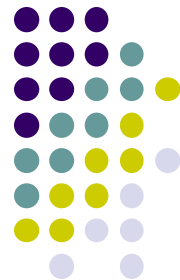


**Bean Counter Bakery**  
113 Highland Street, Worcester

*i* *+*
- Rating: 4/5    0.28 Miles Away



**Honey Dew Donuts**



# Event Categories

## Subway

 [151 Highland St, Worcester, MA 01609, USA](#)

 4.2

 [\(508\) 752-0702](tel:(508)752-0702)

 [http://order.subway.com/Stores/Redirect.aspx?s=25294&sa=0&f=r&utm\\_source=google&utm\\_medium=localsearch&utm\\_campaign=remote%20order&utm\\_content=25294](http://order.subway.com/Stores/Redirect.aspx?s=25294&sa=0&f=r&utm_source=google&utm_medium=localsearch&utm_campaign=remote%20order&utm_content=25294)

-  Monday: 8:00 AM – 10:00 PM
- Tuesday: 8:00 AM – 10:00 PM
- Wednesday: 8:00 AM – 10:00 PM
- Thursday: 8:00 AM – 10:00 PM
- Friday: 8:00 AM – 11:00 PM
- Saturday: 8:00 AM – 11:00 PM
- Sunday: 8:00 AM – 9:00 PM

# Event Categories

SAVE

## Subway

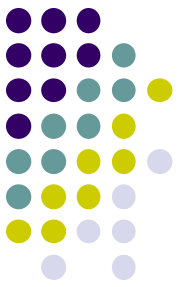
Start Time: 11:00PM

End Time: 11:30PM

Location: 151 Highland Street, Worcester

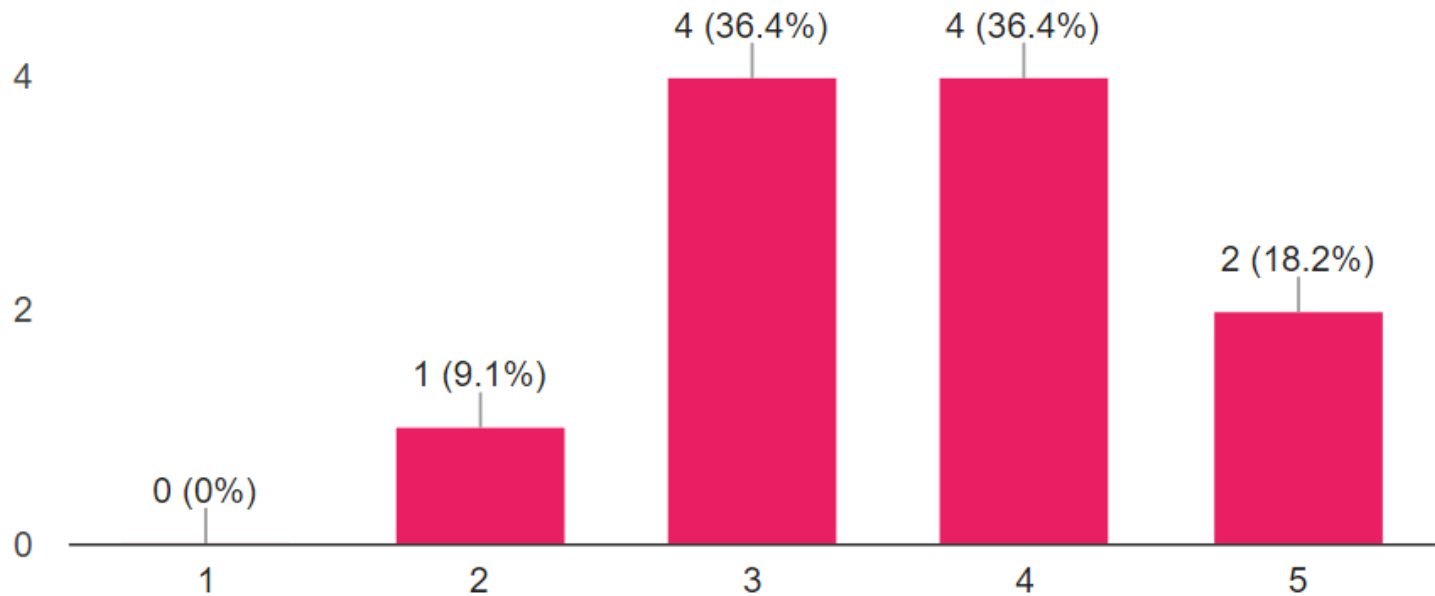


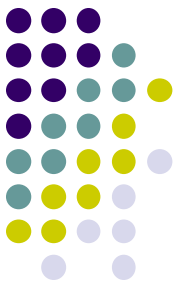
# Evaluation



How do you feel about the user interface above for Date Mate, a new app designed for planning out dates and outings?

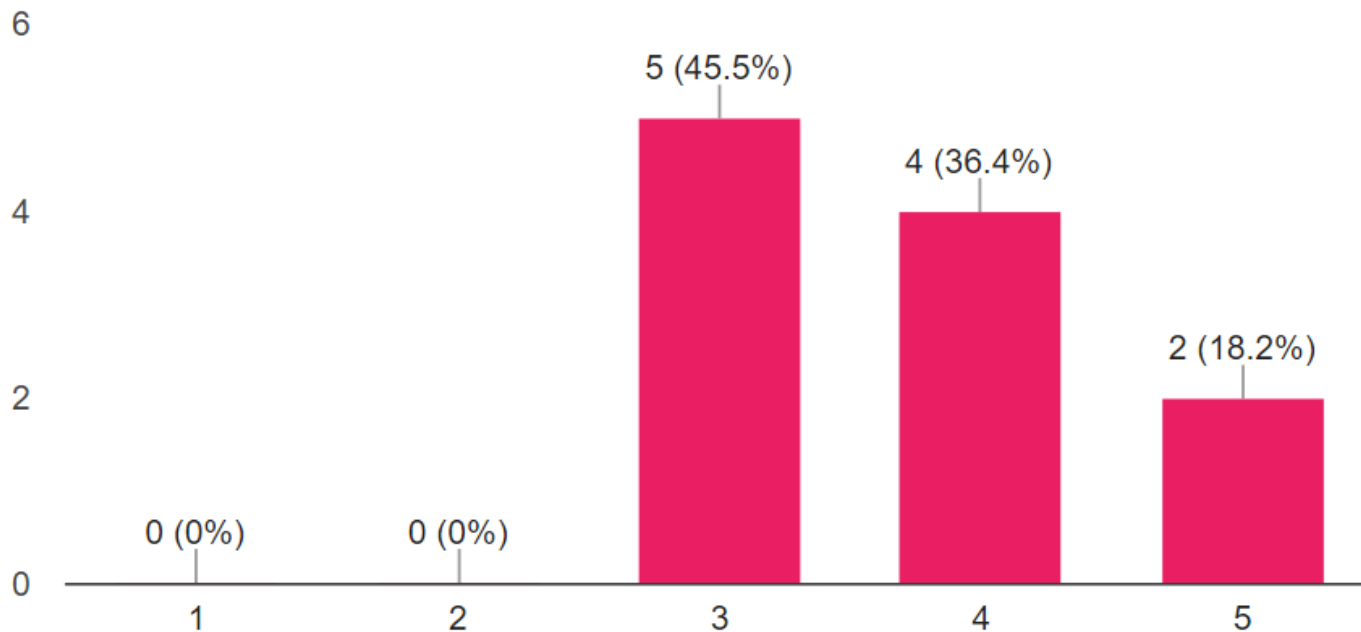
(11 responses)

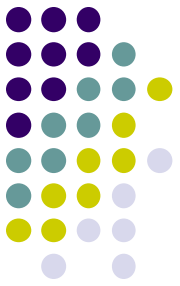




## Now that you know this app exists how do you feel about the issue?

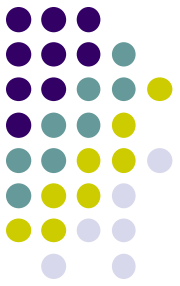
(11 responses)





# Future Works

- Quick Date
- Selecting transportation method between events
- Adding an event based around previous event location
- Tinder API integration
- Caching Data
  - Need to follow Google Rules (Page Tokens)
- Better Location Filtering
- Date Details/Description



# Become a Beta Tester!



**DateMate (Unreleased)**

Shunderpooch

Everyone

UNINSTALL

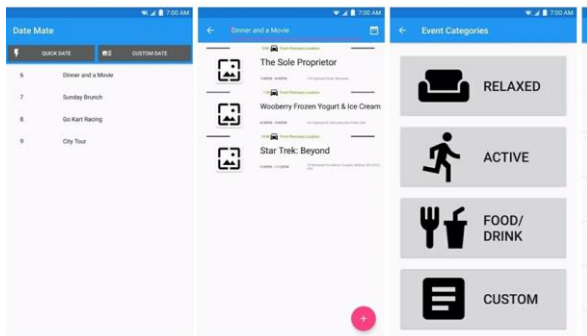
OPEN



Unreleased app installed.

Planning a date is a nightmare, so make it easier with DateMate!

[READ MORE](#)



<https://goo.gl/JKp1RB>



Also, any questions?