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)

- 1 (9.1%)
- 2 (18.2%)
- 3 (45.5%)
- 4 (18.2%)
- 5 (9.1%)
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 (9.1%)
- Finding new places (72.7%)
- The bigger picture like which places you are going to and when (9.1%)
- Other (9.1%)
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
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Give</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Us</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>An</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>A</td>
<td></td>
</tr>
</tbody>
</table>

**Please?**

**Colonial Bowling Center**

- 11:00PM - 11:30PM
- 248 Mill Street, Worcester

**CS4518**

- 2:00PM - 4:00PM
- Salisbury Laboratories, Worcester, MA 01609, USA
<table>
<thead>
<tr>
<th>Event Categories</th>
<th>Rating</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Re-Laxed</td>
<td>4.2/5</td>
<td>0.15 Miles</td>
</tr>
<tr>
<td>Active</td>
<td>4.2/5</td>
<td>0.21 Miles</td>
</tr>
<tr>
<td>Food/Drink</td>
<td>4.4/5</td>
<td>0.23 Miles</td>
</tr>
<tr>
<td>Custom</td>
<td>4.1/5</td>
<td>0.25 Miles</td>
</tr>
<tr>
<td></td>
<td>4.1/5</td>
<td>0.25 Miles</td>
</tr>
<tr>
<td></td>
<td>4.5</td>
<td>0.28 Miles</td>
</tr>
</tbody>
</table>
Subway

151 Highland St, Worcester, MA 01609, USA

4.2

(508) 752-0702


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

Start Time: 11:00 PM
End Time: 11:30 PM
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!

https://goo.gl/JKp1RB

Also, any questions?