SI 543 Java - Draft Project Proposal
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Part 1

Purpose
Avoiding wait time at your favorite restaurant.

User group
1.Start with (a) UM student/faculty
(b) People who work/live in Ann Arbor
2. Expand to other cities/states

Why is it important?
The restaurant goers can save time. The restaurants will be incentivized to reduce waiting times because of the waiting time information available to public.

Features
1. Browse a list of waiting time of nearby restaurants reported by users and calculates the following for the current user:
(1) The total time it takes to get a meal = time to travel + estimated waiting time.
(2) Projected waiting time at the restaurant at arrival.

2. The app estimates waiting time based on previous patterns and user inputs.

3. Search of restaurants by:
(1) Location: nearby restaurant
(2) Favorite: "follow" a restaurant and the app notifies the user through push notification.
(3) Recommend: recent search, shorter waiting time, ranking, etc..

4. Notification : notifies the user through push notification when the waiting time for the tracked restaurant falls below 10 minutes.

5. Show the restaurants with waiting time on map.

6. Provide information about restaurants: food choices, location, reviews etc.

7.The app allows users to enter estimated waiting time and/or number of people ahead of them in the line for a particular restaurant. This information is shared on the app with other users.

Competitors

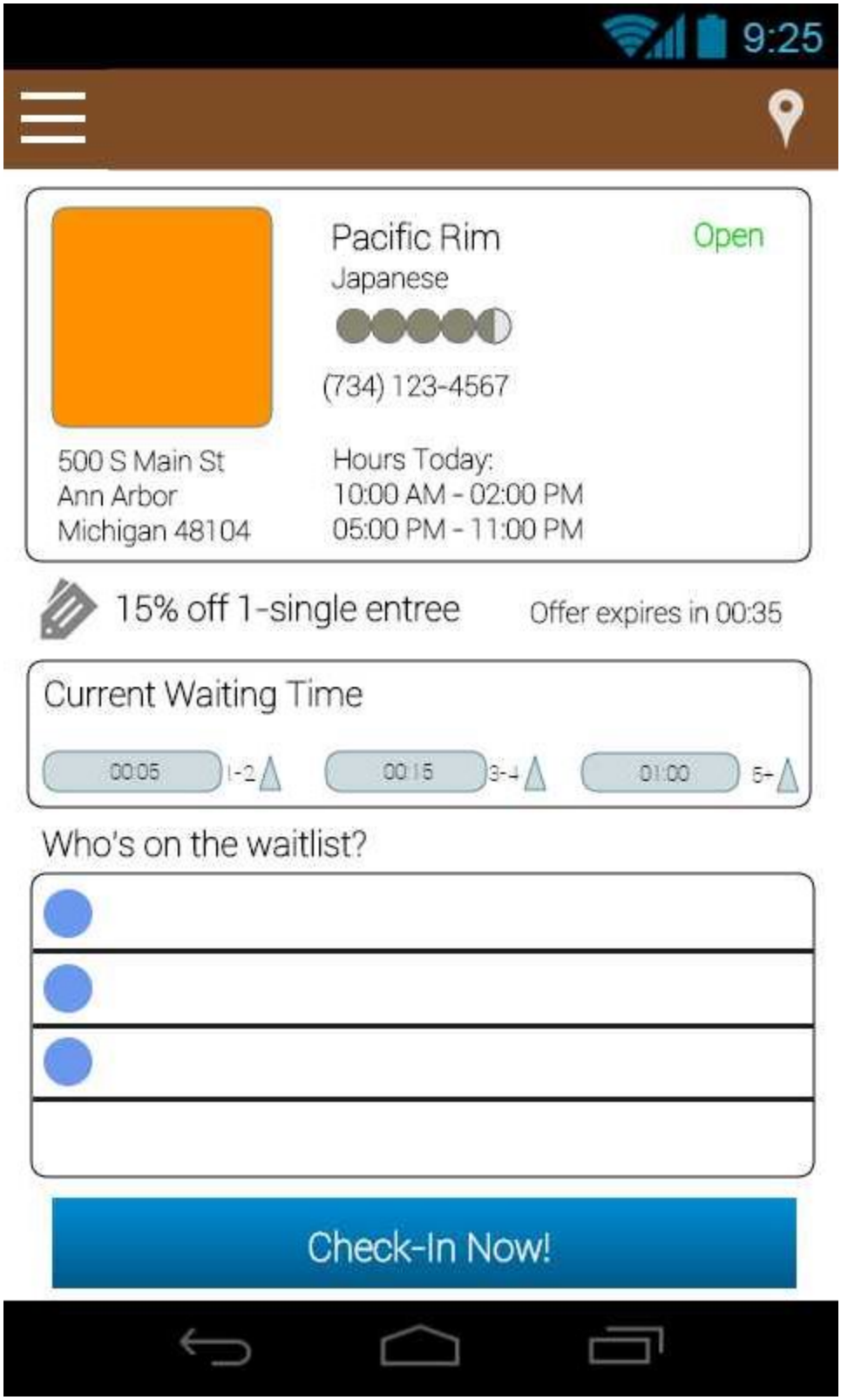
- Nowait (iOS) : Help restaurants to create a wait list in the cloud and notify guests by text.
- what's the wait (iOS)
- Online orders
- Service/App like 'opentable'

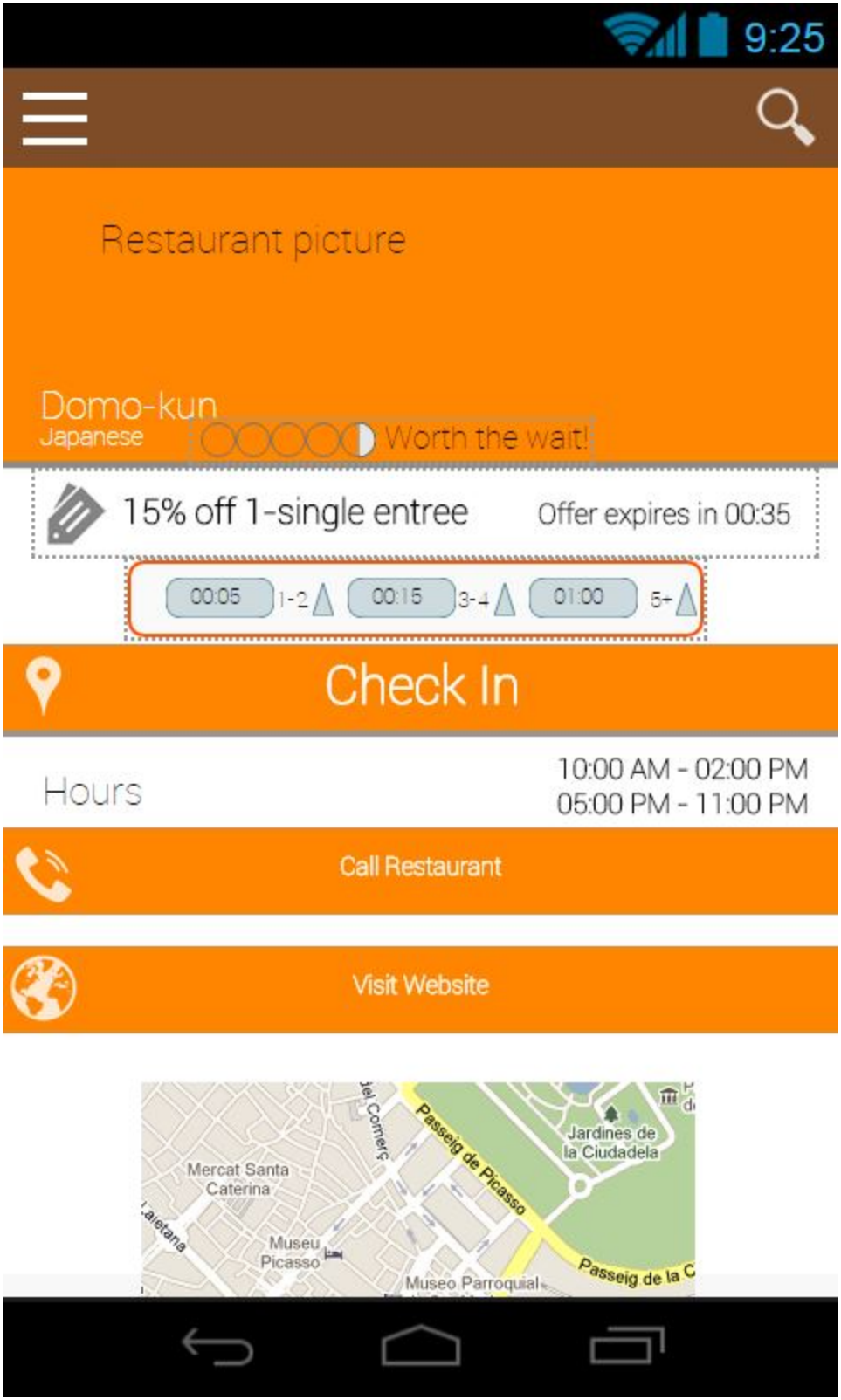
Why is your idea better?

Our app displays 'waiting times' for restaurants using a social networking model. It does not require the consent of the restaurant. Through this app, multiple users can share waiting times at various restaurants. This is an example of a social network , whose power can be utilized to help the people who are in the network.

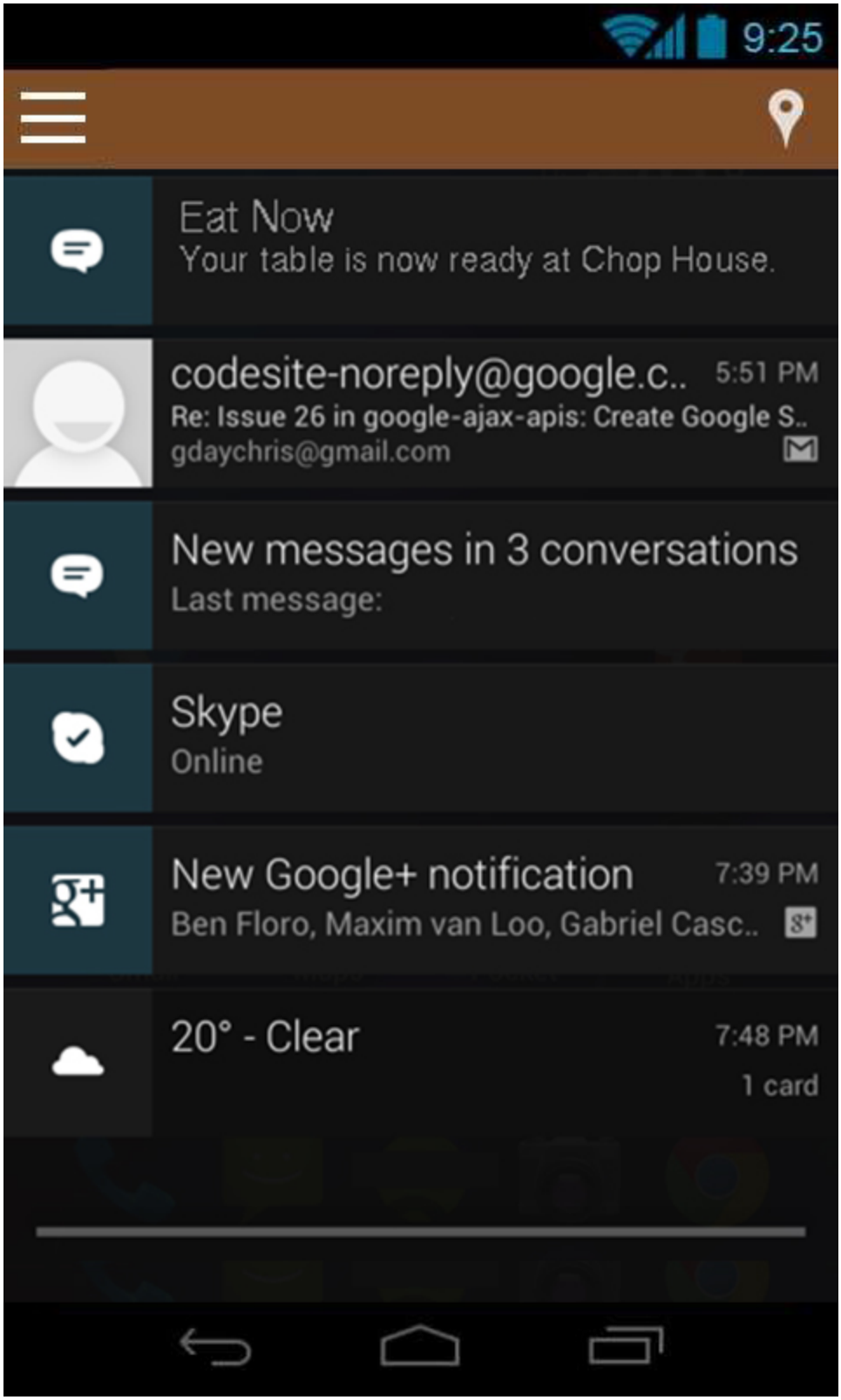
Sketch (Next Page)


9:25
Sponsored Listing
Rest. Logo
Domo-kun
3.0 mi
Japanese
Worth the wait!
00:05
1-2
00:15
3-4
01:00
5+
Rest. Logo
Sadako
3.0 mi
Japanese
Worth the wait!
00:05
1-2
00:15
3-4
01:00
5+
Rest. Logo
Pacific Rim
3.0 mi
Japanese
Worth the wait!
00:05
1-2
00:15
3-4
01:00
5+


9:25
Pacific Rim
Open
Japanese
(734) 123-4567
500 S Main St
Ann Arbor
Michigan 48104
Hours Today:
10:00 AM - 02:00 PM
05:00 PM - 11:00 PM
15% off 1-single entree
Offer expires in 00:35
Current Waiting Time
00:05
1-2
00:15
3-4
01:00
5+
Who's on the waitlist?
Check-In Now!


9:25
Restaurant picture
Domo-kun
Japanese
Worth the wait!
15% off 1-single entree
Offer expires in 00:35
00:05
1-2
00:15
3-4
01:00
5+
Check In
Hours
10:00 AM - 02:00 PM
05:00 PM - 11:00 PM
Call Restaurant
Visit Website
Mercat Santa Caterina
Museu Picasso
Museo Parroquial
Passeig de Picasso
Jardines de la Ciudadela


9:25
List
Map
N 36th St
Nickerson St
N Pacific St
Portage Bay
Montlake
513
520
Westlake Ave N
Aurora Ave N
I-5 Express
10th Ave E
15th Ave E
23rd Ave E
24th Ave E
Westlake
South Lake Union
Capitol Hill
Lower Queen Anne
Space Needle
Olympic Sculpture Park
5th Ave
Alaskan Way
First Hill
Seattle
Squire Park
6
17
14
7
13
2
12
11
5
8
3
8
Sort: Popular Filter: Nearby


9:25
Eat Now
Your table is now ready at Chop House.
codesite-noreply@google.c..
5:51 PM
Re: Issue 26 in google-ajax-apis: Create Google S..
gdaychris@gmail.com
New messages in 3 conversations
Last message:
Skype
Online
New Google+ notification
7:39 PM
Ben Floro, Maxim van Loo, Gabriel Casc..
20° - Clear
7:48 PM
1 card