Meal Buddy

Sean Cann, Edrei Chua, Jun Suh, & Taeho Sung

The Idea

Let's grab a meal!

You select the location and time (or give us your schedule), class year and major of the person (or don't care!) and we assigned you to a mystery buddy (or you can choose to eat with a friend)!

P.S. this is not a dating app

- Make arranging meals hassle-free
- Platform to get to know more people on campus
- Easily set up meals with any of your friends!
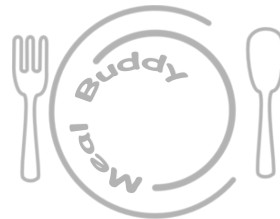
Why is Meal Buddy a Good Idea?

- Oriented towards freshmen who often have no one to eat with
- Upperclassmen can branch out and expand their social circles
- Easy for friends with busy schedules to coordinate a good meal time
- Students can get advice from faculty/staff over a friendly meal!
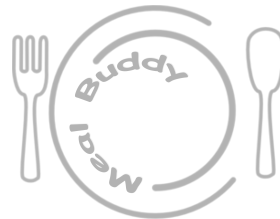
Business Model

Strategy:

- Free to download
- Revenue from:
  - In-app advertisements
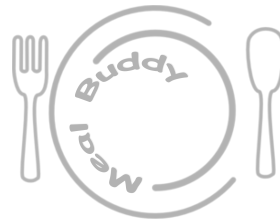 - Getting acquired (exit strategy)

Long Run Timeline:

- **Currently:** Finished demo of Android version
- **16X & 16F:** Test Android app at Dartmouth College & improve
- **Winter break:** Develop and release iPhone version
- **17W and beyond:** Expand marketing to other campuses

User Feedback

We've gathered user-input from over 50 Dartmouth students

- People really like the new UI

- Positive feedback on the user-friendliness and usefulness on campus

Competitive Edge

Down To Lunch:

- Very simple app
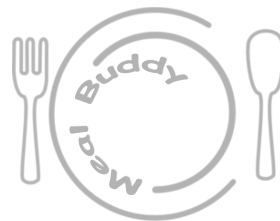- #2 most downloaded app (iOS, April 23)

Tap 1 button to hang 🎉

20% of DTL Growth Jan 1 - Feb 9 2016

I want to

😎 Chill

with

👩 All Friends

at

🏠 Sigma Chi

I'm Down
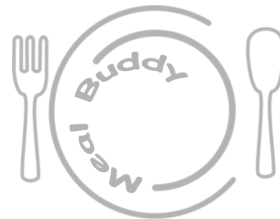
Competitive Edge

There are a few other dining apps out there:

- Grouper, LeftoverSwap, EatWith

How Meal Buddy is different:

- Focuses on only college students

- Allows you to match with strangers on campus

Threaded Diagram
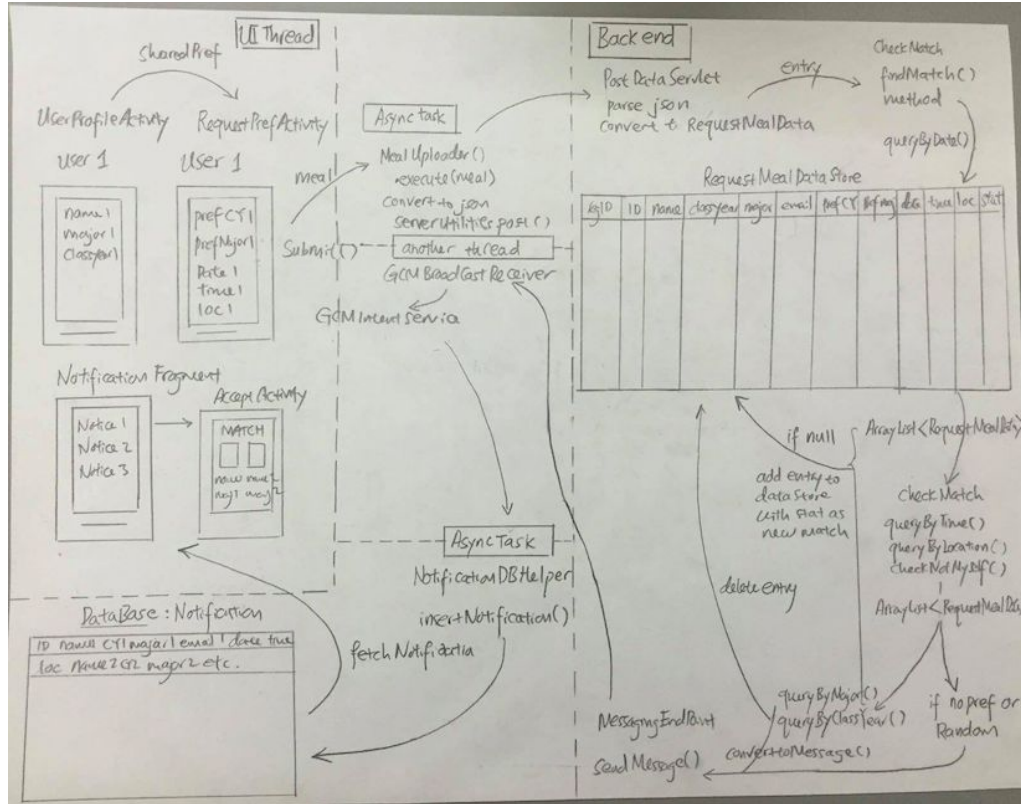
- UI Thread -
  UserProfileActivity,
  RequestPrefActivity,
  NotificationFragment,
  AcceptActivity

- AsyncTask - MealUploader,
  NotificationDBHelper

- Backend - PostDataServelet,
  CheckMatch,
  RequestMealDataStore,
  RequestMealData, query
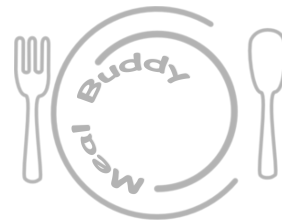
DEMO TIME!!!

Helpful Features

- ✓ Facebook authentication

- ✓ Dining hours

- ✓ Dining menus

- ✓ Check if email is dartmouth.edu address

- ✓ Alarm and notification
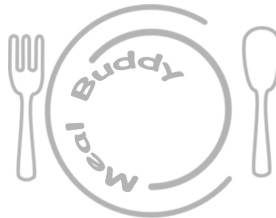
Lessons Learned

- Developed a better understanding of using Git and merging code
- Learned how to divide tasks and work individually/in pairs most efficiently
- Applying knowledge from class to new concepts and ideas
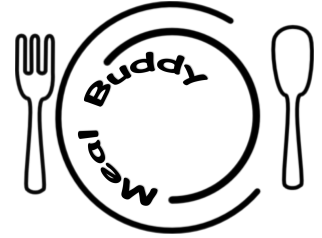- Errors and bugs can truly come from the most unexpected places!

Divide and Conquer: Who Did What?

- Sean Cann: Main UI design, Debugging
- Edrei Chua: Datastore (app engine), Debugging
- Jun Suh: Datastore (app engine), UI design, Debugging
- Taeho Sung: Database, menu and hours, Facebook authentication, Debugging
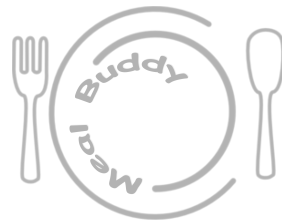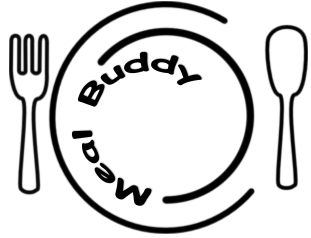
Thank You!

Supplementary Slides

User Interface - Welcome Screen
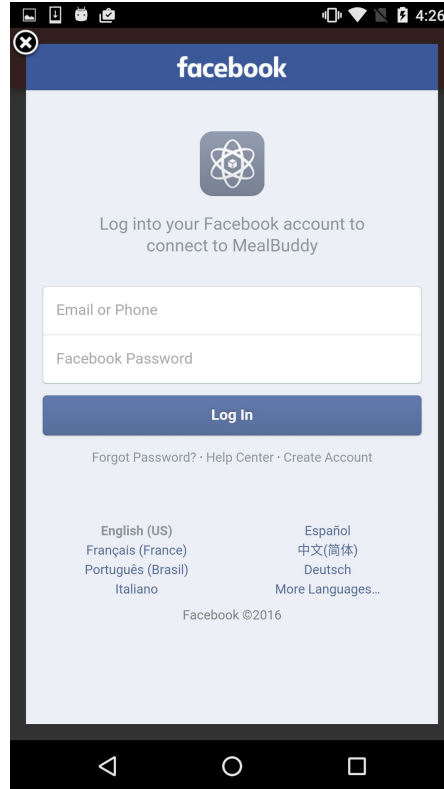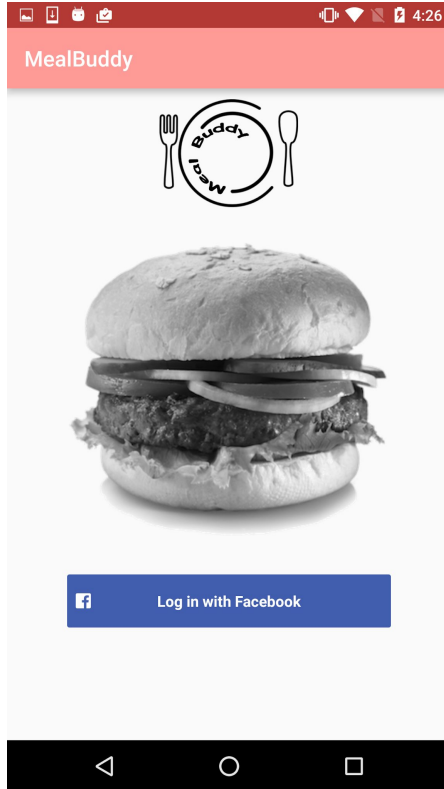
- Users must use Facebook to log into Meal Buddy!
- Will set the profile's default name to the Facebook user's name to deal with people fabricating their names
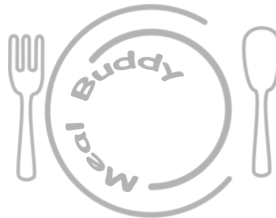
User Interface - Easy Navigation
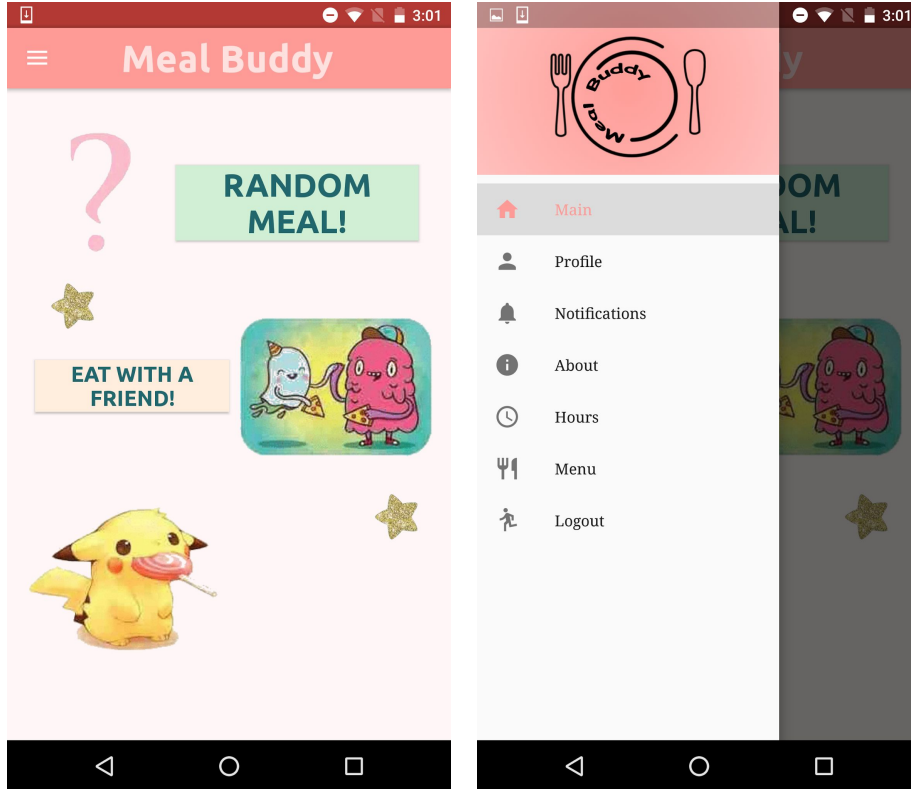
- Simple, attractive, and intuitive user interface
- Navigation Drawer - can easily switch between different fragments/activities
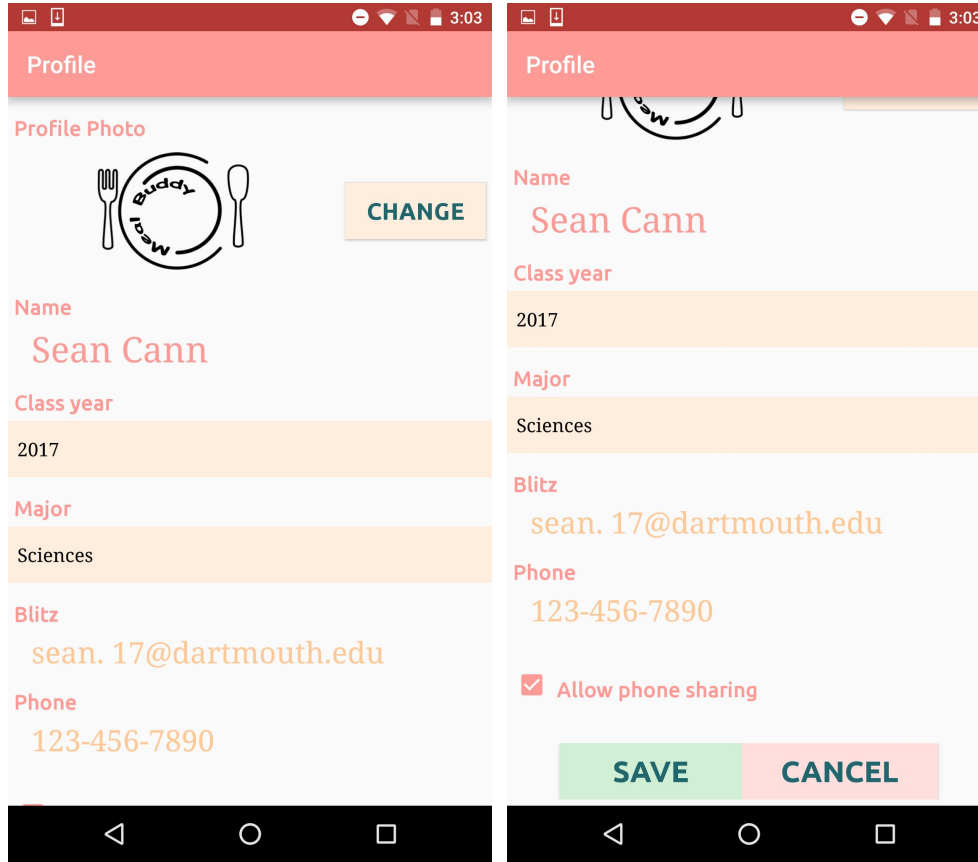- Match with a stranger depending on preferences OR grab a meal with a friendly face with a few clicks!
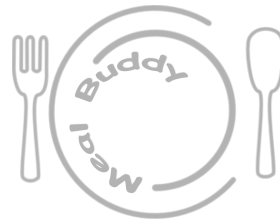
User Interface - Dining Location, Menus, and Hours
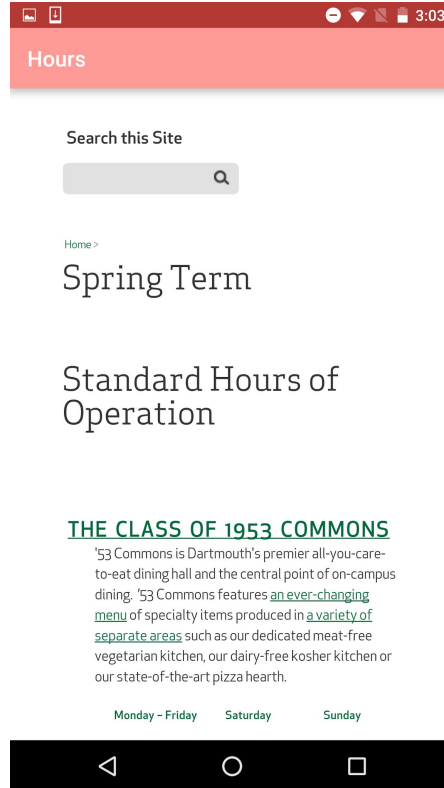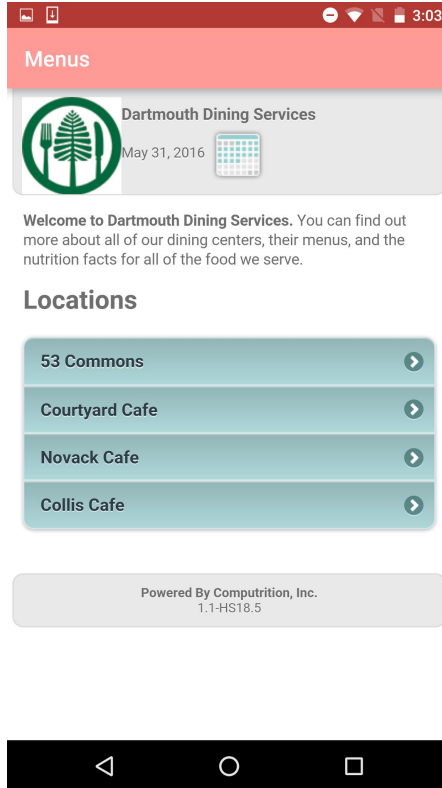
- WebView to display School's dining menus by locations and their respective hours
- Back button for the WebViews take you to the previous webpage (instead of the most previous activity)
- Can be conveniently checked before submitting a request
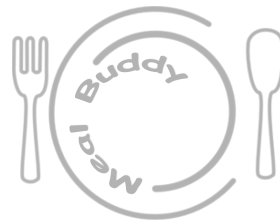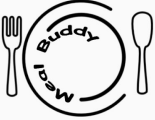
User Interface - User Profile

- User profile - stored in database and datastore (whenever a request is sent)
- Username is set to facebook login name to lessen people giving fake names
- Class year, major, blitz and phone number (no gender!)
- Contact information is exchanged when there is a match
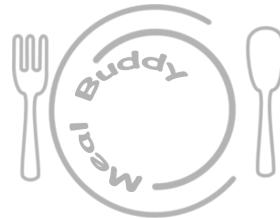
User Interface - Random Meal Requests

- Submit a meal request by inputting your availability and optional preferences (class year and field of study of your future friend)
- Sends the meal request to the server to find you a match!

# User Interface - Friend Meal Requests

- Submit a meal request by inputting your availability and optional preferences (class year and field of study of your future friend)
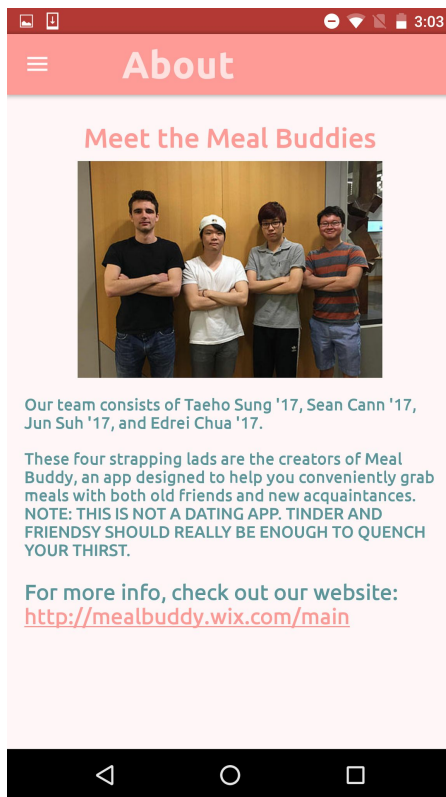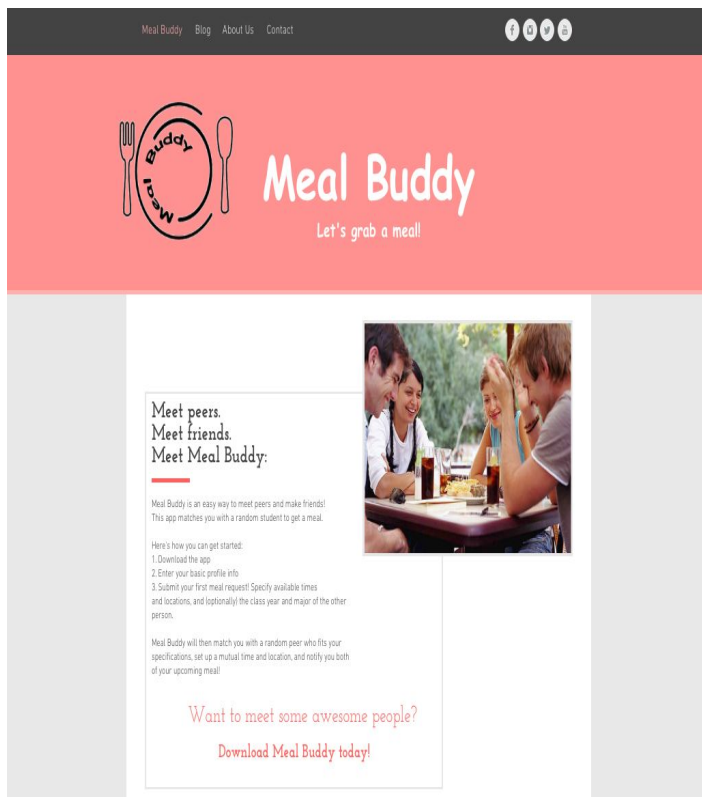- Sends the meal request to the server to find you a match!

User Interface - Notifications
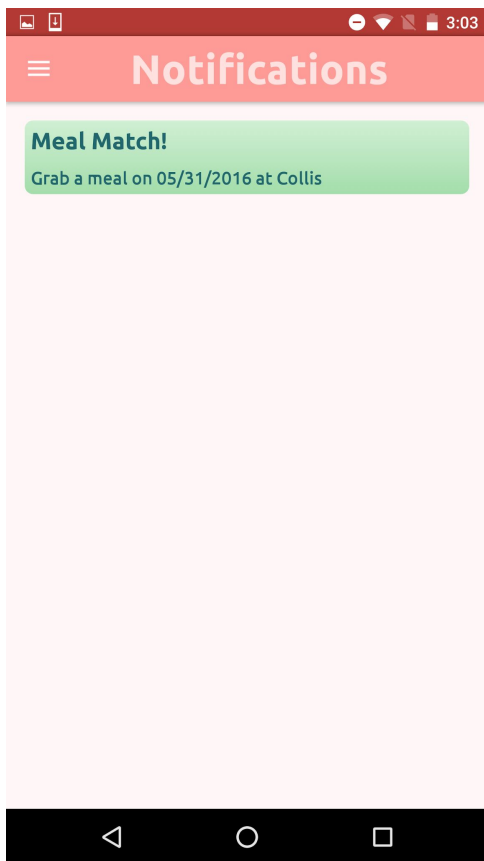
- The Notification fragment displays the upcoming stored notifications on the list
- onListItemClick sends the users to the appropriate activity to check such notifications
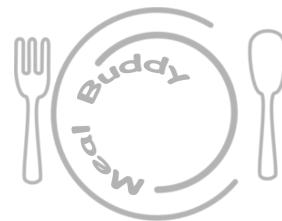
Our Team

- Website and robust UI for app have been improved based on user feedback
- Team collaboration on GitHub - **54 commits**!
- Over **120 man-hours** so far!