MealMatcher

Meet, Eat, Repeat

COS 333 Final Project Presentation Kevin Wang, Drew Wallace, Andreas Dias, Andrew Charette, Valerie Morin



Introduction

- MealMatcher: service that allows you to grab a meal with someone new
 - Sign up for a time and place
 - Get randomly matched with another person

Summary of Key Features

- Login through CAS
- Create a Meal
- Open Meals
- My Meals
- Email notifications

Demo 1: Finding a Meal

Implementation:

- Django
 - Python
 - Post Office
- PostgreSQL
- Bootstrap
 - o HTML, CSS, JS
 - jQuery
 - CLNDR.js, Underscore.js, Moment.js
- Heroku

Implementation: Models

UserProfile

Login through CAS, then Django user

Meals

DateTime, Location, Attires

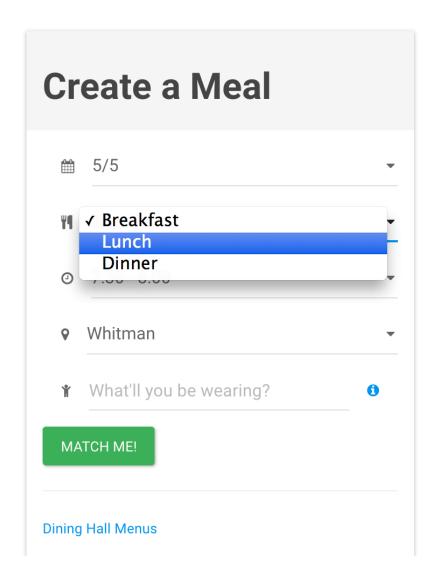
Many-To-Many relationship with Users

Implementation: Views

Find a Meal

Get list of available meals, select based on user criteria, add UserProfile

Implementation: Template



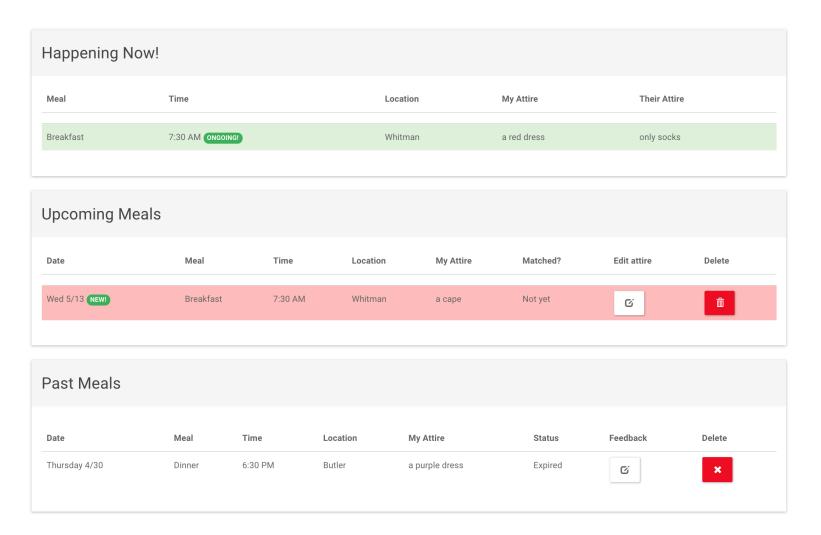
Implementation: Views

My Meals

Get list of meals by User

Receive POSTS by front-end to edit meals

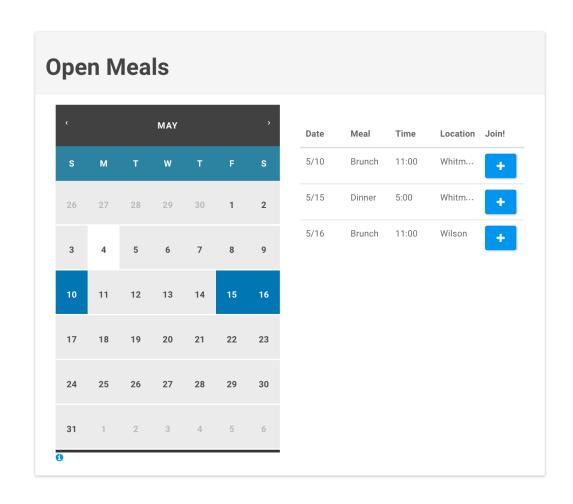
Implementation: My Meals Template



Demo 2 - Open Meals, Deleting Meals

Implementation: Open Meals Template

Underscore.js CLNDR.js



Implementation: Email Backend

- Difficulties
 - Proofpoint
- Uses of Notifications
 - When a meal is matched
 - When attire is changed
 - warning message 1 hour before the meal
 - When a meal is deleted
- SMTP
 - Gmail
 - Mandrill

Reflections

- Reasonable project with reasonable deadlines
- All learned a lot
- Difficulties: emails, front-end, learning curve/setup
- Didn't launch to the school
- Features we didn't implement: keeping track of who's had meals with whom, proximity notification
- Future Directions: Hub for posting any campus activities to be done with new people, multiple people for each meal etc.

Questions?