WhereWeEatinMeow

Team 3

Raul Cardenas

Andy Nguyen

Fred Gunther

David Ye Luo

Dean De Leon

Jonathan Ko

Team Roles:

Raul Cardenas – *Team Lead / Infrastructure Lead*
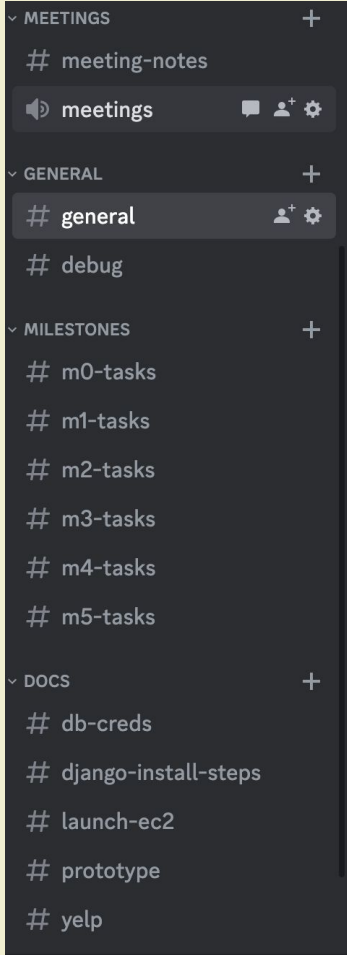**Andy Nguyen   –** *Github Master / Back-end*
David Ye Luo   – *Database Admin / Front-end*
Dean De Leon – *Scrum Master / Front-end*
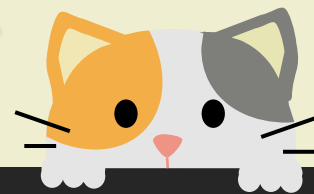**Fred Gunther –** *Back-End Master / Front-end*
Jonathan Ko   – *Back-End Master / Front-end*

MEETINGS +
\# meeting-notes
🔊 meetings

GENERAL +
\# general
\# debug

MILESTONES +
\# m0-tasks
\# m1-tasks
\# m2-tasks
\# m3-tasks
\# m4-tasks
\# m5-tasks

DOCS +
\# db-creds
\# django-install-steps
\# launch-ec2
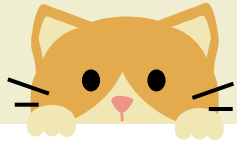\# prototype
\# yelp

SLIDESMANIA.COM

Team Organization, Meetings:

- Meetings
  - Every Saturdays 8 AM - Discord
  - Every Wednesday Class
- Discord
  - Can get in touch quickly
  - Easily post meeting minutes, our documents separated by milestone, etc.
- Jira
  - Keeps team accountable
  - Lets us know if others need help with work
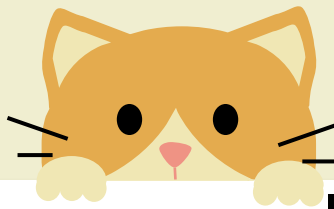
Team Engineering Practices

Coding Style: PEP

Time / Project Management: Jira

Continuous Integration and Continuous Delivery

Github Actions: Automated Testing and Formatting

Practices Contd.

- Branch Policy
  - Create new branch for each feature or bug fix
  - Pull request to merge branch into main instead of directly pushing to main
- Code Review Policy
  - Two comments and an approval for each pull request ideally
  - Allowed anyone to review code but frontend and backend team typically review frontend and backend code
    - Approval usually by team lead
- Testing Practices
  - Github Actions triggered on each PR:
    - Coding Style Checks
    - Pydoc Generation / Insertion
    - Django Python Unit Tests run (18)
    - Django Deployment Test
    - Coverage Report for new PR auto inserted
    - Checking statement coverage is >60%

Coverage report: 75%

coverage.py v7.2.5, created at 2023-05-03 20:26 -0700

Module

login/__init__.py
login/apps.py
login/migrations/__init__.py
login/models.py
login/tests.py
login/urls.py
login/views.py
manage.py
preferences/__init__.py
preferences/apps.py
preferences/forms.py
preferences/migrations/0001_initial.py
preferences/migrations/0002_history_image_url_hist
preferences/migrations/__init__.py
preferences/models.py
preferences/tests.py
preferences/urls.py

Actions   New workflow

All workflows

Django CI

Management

Caches

All workflows

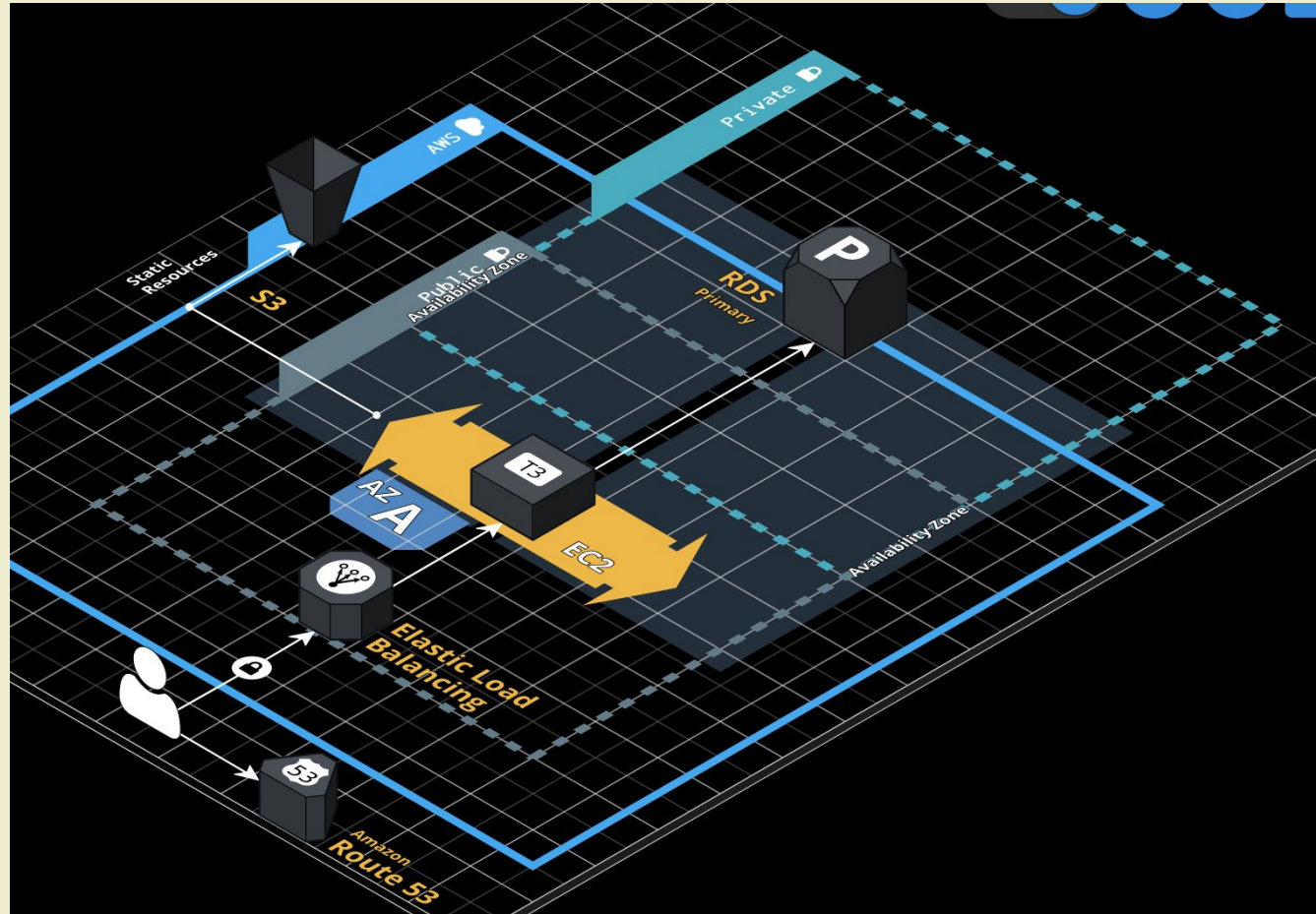Showing runs from all workflows

175 workflow runs

✅ Merge pull request #56 from CSC-6...
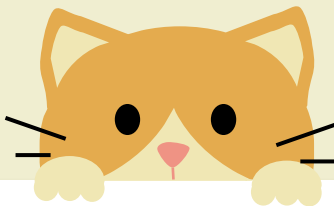Django CI #175: Commit 271d818 pushed by naybens

Practices Contd.

- Simple Three Tier Web
  App Architecture
  - Using S3 for larger
    static files
  - Easy deployments
  - Easy Roll Backs

Team Culture

PURRF

what kind of bird is this?

Ah, I see you're a man of culture as well.

Team Culture

- Culture:
  - Good chemistry and encouragement:
    - helping each other when in need
    - Always listening and responding to feedback
  - Light-hearted
    - Built chemistry with CSC 415 rants, discord games, and cats.
  - Also dedicated to work, strict, and professional when needed
- Adaptability
  - Switching from react native (mobile) to pure HTML, CSS
  - Catching up if leaving meeting early
- Respectful
  - Real life happens, give time to catch up <3

🕐 331 commits

Our Product…

- What it does, why it is needed
  - Reduces time wasted from indecisiveness
    - Preserves relationships
  - Can enjoy more time with others or yourself
  - Helps find the hidden gems
    - No longer given a top 10 choice
- How it stacks up against competition (competitive analysis)
  - Cute animal mascot - not as boring as other competitors
  - Saves time
    - In a period where time is extremely precious, WhereWeEatinMeow saves you time that our competitors don't.
    - Actually chooses a restaurant for you. No lists of restaurants for you to go to.
  - Easier to use.
    - Simple UX. No swipe left to delete restaurant, swipe right for restaurant info, QR codes, etc.

- See the more important question is, this cat will starve if you don't use the app. It's not a threat, we are informing you that we feed these cats using the money we earn. So if anything, you are the ones killing the cat by not contributing. Donate to our patreon. purrrr~~~~
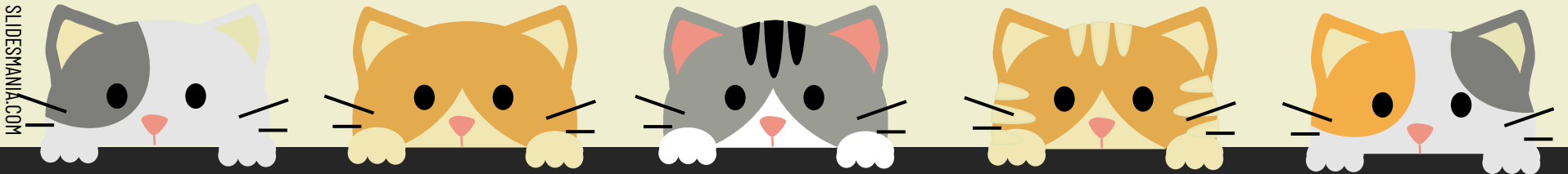
Our Product Contd.

- UX principles:
- Useful and Usable
  - Function: saves time by picking a place to eat
  - Easy and quick to use, letting user achieve end goal efficiently
  - Not confusing, user knows exactly what each button does
- Findability
  - Each part of the app is located on left side of screen, can be easily switched to
  - Intuitive, similar to most apps we use
- Credible
  - Restaurants are taken from Yelp API search
- Desirable
  - Cats.
- Accessible
  - Simple to use
  - But can be improved in the future for motor or visually impaired using voice commands and audio.
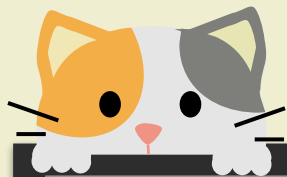
App Demo:

All of Our Specific Tasks…

Team Lead / Infrastructure Lead - Raul

- Project Management
- Github CICD
- Django / Python / Unit Tests
- HTML / CSS / JS
- AWS Infrastructure
- New version Deployments
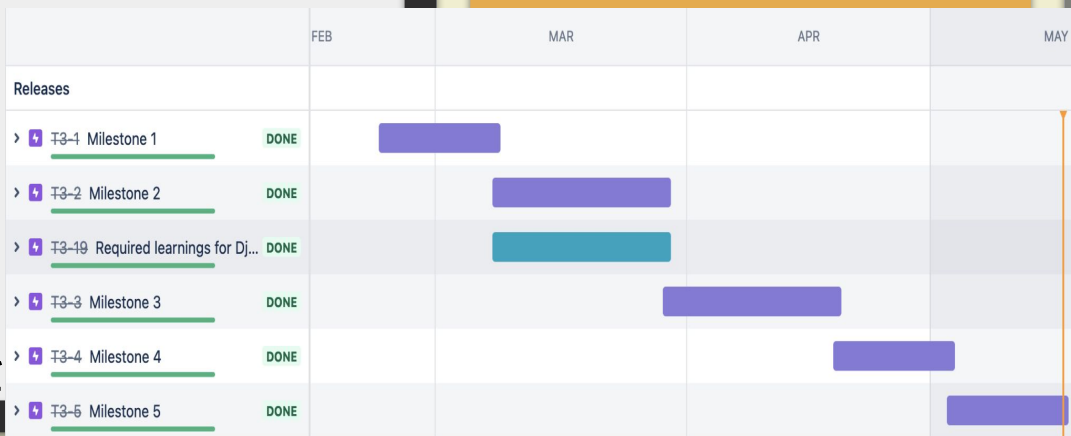- Generally everywhere

Budgeting for the team:

Compute	$30.37 / mo
Networking	$22.27 / mo
Storage	$0.23 / mo
Database	$24.82 / mo
Total	$77.68 / mo

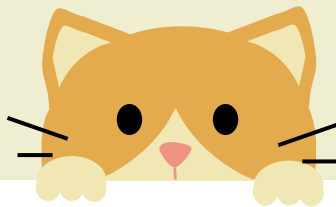|		FEB	MAR	APR	MAY
Releases					
T3-1 Milestone 1	DONE				
T3-2 Milestone 2	DONE				
T3-19 Required learnings for Dj...	DONE				
T3-3 Milestone 3	DONE				
T3-4 Milestone 4	DONE				
T3-5 Milestone 5	DONE				

Github Master / Back-end- Andy

- Github Master
  - Merge conflict
  - CICD/github action
- Back-End
  - Preferences
    - Users
      - Logged-in users set preferences using form input
        - Database stores entry
      - Using Yelp API with given preference input
        - Parse and process response
    - Unit Test
      - Using Django's testing framework
        - Series of tests
          - Test to see if logged-in users can access preference
          - Test the fields of preferences and database result/entry

Database Admin / Front-end - David
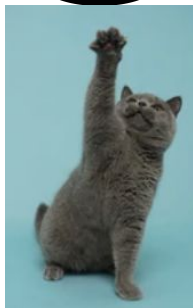
- **Primary Role**
  - Database
    - Designed DJango Models
      - User
      - Preferences
      - Search Summary
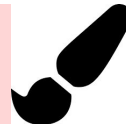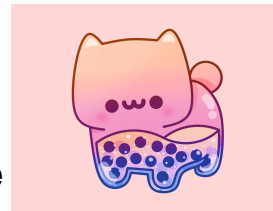   - Search History

- **Secondary Role**
  - Front-end
    - Link the side buttons
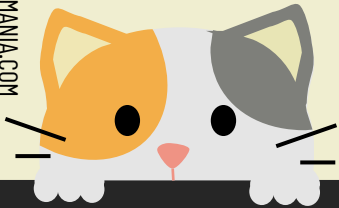   - Helped designing the look of the website
    - Helped with adding images
- **Other**
  - Help set up initial DJango applications
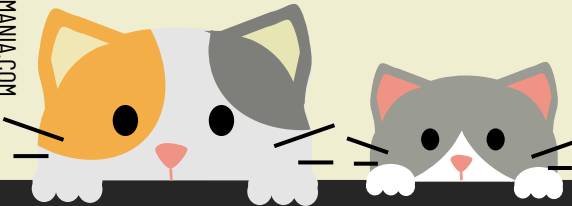   - Search Summary
    - Search History

Scrum Master / Front-end - Dean

- Wrote meeting minutes for reference
- Django verification for:
    - signing up users
    - logging in users
    - changing user information in profile
- Logout function for all Django apps
- Styling for alerts/pop up modals
- connect preferences front-end to backend
    - Giving user's input to backend to do Yelp API search
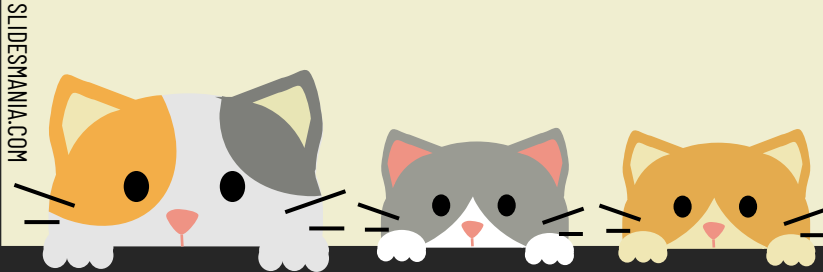
Back-End Master / Front-end - Fred

- Created Competitive Analysis

- User Profile design and development

- Unit Testing
    - Created unit testing for User Profile.

Back-End Master / Front-end - Jonathan

- Front-End
  - Decided to use CSS with bootstrap
- Front-End Apps worked on
  - Pop up messages
    - User Profile
    - Preferences

- Back-End App worked on
  - User Profile
    - Sending new user credentials to Django database
      - New email
      - New password

Thank You

https://csc648-04-sp23-team03.com