Munch

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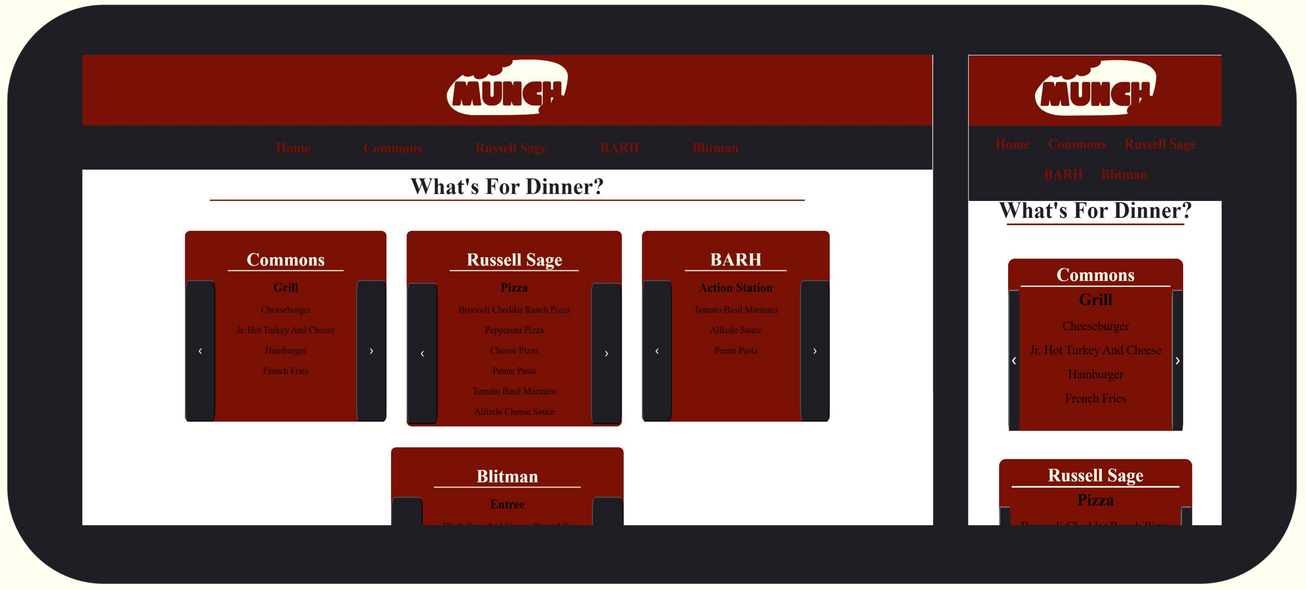
Objectives

- **Backend:**
  - Retrieves daily menus
  - Gets dining hall and meal hours
  - Stores data on meals, ratings, and dining hall hours
- **Frontend:**
  - Allows users to make decisions about where to eat quickly
  - Take feedback about food served
  - Is equally compatible with computer and mobile screens

Materials and Methods

- Beautiful Soup
- Django
- SQlite
- HTML & CSS
- JavaScript



Munch

The inspiration for Munch came from frustrations as someone with a meal plan on campus. The goal was to make a platform that could easily and quickly inform diners at RPI and improve the dining experience.

Acknowledgements

https://github.com/wlhberesford/Munch
https://github.com/ishansuhail/SwipeSaver
https://rpi.sodexomyway.com/

Results

- **Backend:**
  - Web Scrapers for Dining hall hours and menus
  - Django Server that can locally host site
  - Menu Data uploaded to front end
- **Frontend:**
  - Landing page and individual pages for dining halls
  - Able to display up to date information
  - Design adjusts to screen size

Conclusions

- Learning experience for many team members
- Gained an understanding for full stack design
- Learned how to set up front end, back end and database and to have all parts interact