




HomeEats



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Problem

- Unhealthy food options on existing food delivery apps
- Sacrificing quality of food for convenience
- People who can't cook still want to be able to consume fresh home cooked meals



What is HomeEats?

- Food Delivery Web Application specifically tailored for freshly prepared home cooked meals
- Meals prepared by amateur cooks in your area
- Two separate sites built for the cook and customer



Core Requirements - Customer

- Create Account/Login
- Filter dishes by cuisine, rating, price, distance (chefs)
- Live Shopping Cart
- Checkout (Cash/Credit Card) with appropriate tax and option to tip
- Provide estimated delivery time
- Favorite Dishes, Give Reviews/Ratings, communicate special instructions to Chefs
- Track your Order History
- Edit Profile

Core Requirements - Chef

- Create Account by Application (Requires Admin Verification)
- Go online/offline in order to take orders
- Add Dishes
 - Cuisine Type
 - Ingredients
 - Preparation Time
 - Set Price
- Accept/Reject Orders within a specified time frame
- Edit Profile

Core Requirements - Admin

- Verify Cook Accounts
- Review Orders
- View Revenue Reports Over Specified Time
- View Cancelled Orders and Reasons for Cancellation

Difficult requirement changes

Initially Optional/Desired:

- Messaging System between the cook and the customer
- Detailed revenue reports for both the site administrator and chefs
- Ordering in Advance (Bulk Ordering)

Technologies/Tools Used

- Python
- Django
- AWS
- Postgres
- Github
- Trello
- TravisCI
- Slack



Challenges

- Trying to map out the entire site and features (iterations with wireframes)
- Working on features that are dependent on one another
- Coordinating team efforts once the class went virtual (heavy reliance on Zoom & Slack)
- Speed of AWS & Django during development and testing

Strengths/Weaknesses

Strengths

- Ease of Use
- Sleek & Modern UI
- Full of content/features

Weaknesses

- AWS can be slow
- Django can be slow



Future Work

- Mobile Application
- Integrate with local catering businesses in the area
- Website portal for delivery drivers
 - Sign Up to be a driver
 - Check Payments
 - Track Tips
 - Track jobs
 - Earn Credit towards Use on Platform
- Rewards Program



Demo Time!

