

CSCI 3308 Project Milestone 4

Team Number: 205-3

Team Name: NULL

Team Members: Erik Pohle, Matthew Wu, Abdulaziz Alabdulrazzaq, Anand Zupa

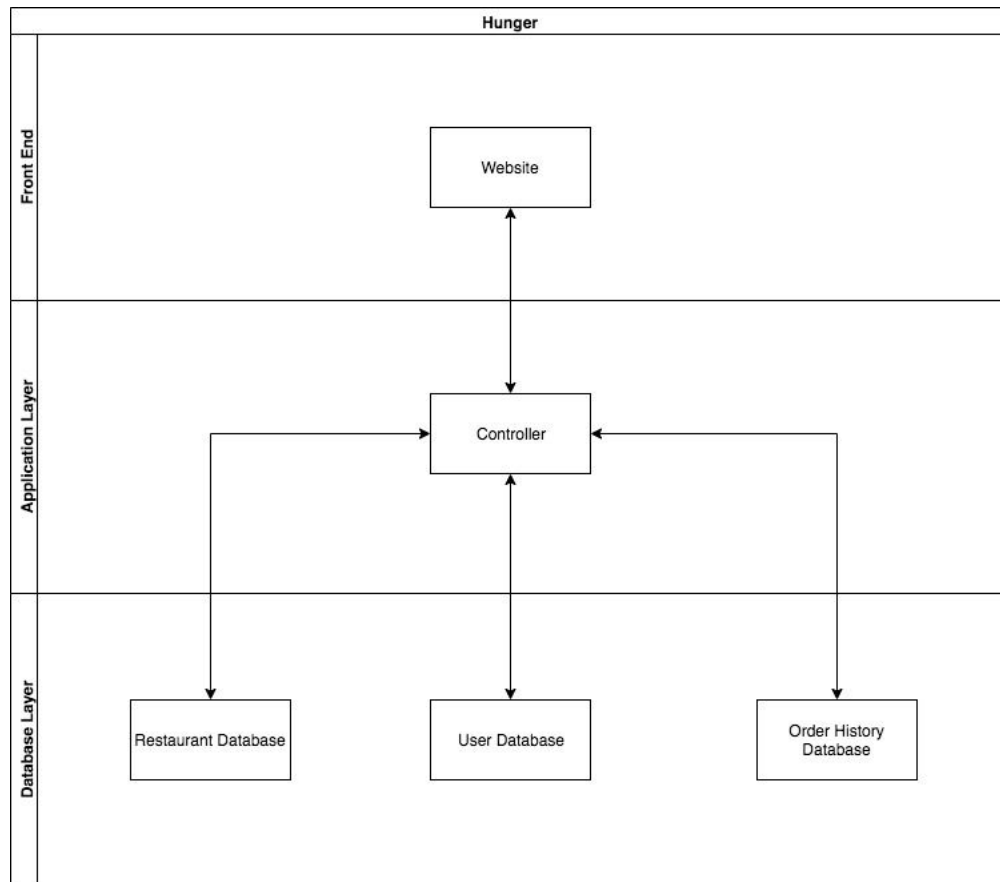
Application Name: Hunger: NULL

Project Milestone 4

Revised List of Features:

1. Find user location through IP/user input
 - Users can select a location for the food to be delivered too
2. Apply filters to search options
 - Users can view and filter food options from the available delivery services in a search function.
3. Create account
 - Users can create accounts to store their information for future purchases.
4. Add items to cart
 - User can create orders in our app
5. Checkout order
 - Users can execute orders from food delivery services though Hunger
6. View order history
 - Users can browse past purchases.

Architecture Design:



Front End Design:

Home

Home

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Team Members

Location:

Input Location

Food Services:

☒ UberEats

☐ DoorDash

☒ GrubHub

Filter

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About

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Hunger: Null

Hunger: Null is about consolidating all the different food services (UberEats/DoorDash/etc) into one website, simplifying the choices for you!

Team Members

Home

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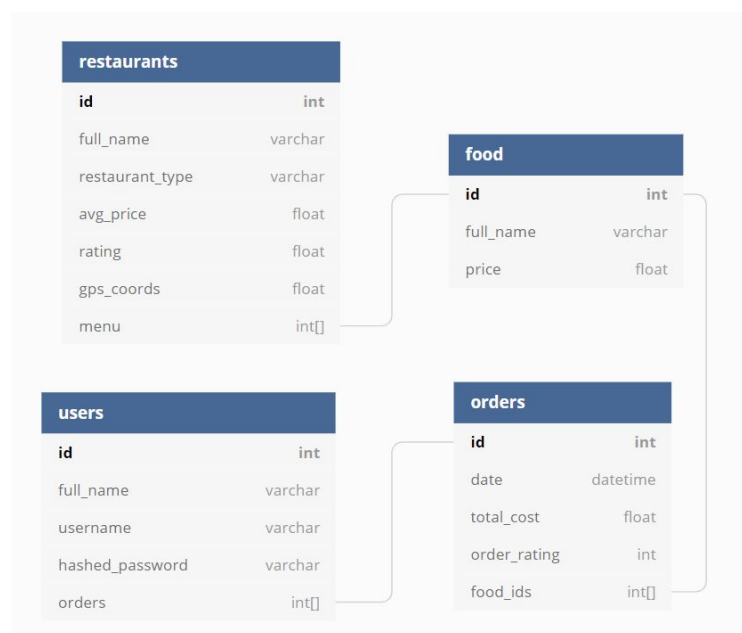
Who Are We?

We are a student-led team of developers looking to make ordering food an easier experience, without worrying about the confusing variety of options.

Web Service Design: N/A - No API's are in use

Database Design:

- Data Being Stored:
 - Restaurant Names (**Array of Restaurant Objects**)
 - Location of Restaurant: (**Float**)
 - Type of Food Served (**String**)
 - Average Price of Restaurant (**Float**)
 - Average Rating of Restaurant (**Float**)
 - Menu Items (**Array of Items**)
 - Price of Menu Items (**Float**)
 - User login information (**Array of Users**)
 - User order-history (**Array of Orders Placed by User**)
 - User ID (**Int**)
 - User password (**String -> Hashed**)
 - Order History (**Array of Order History for Specific User ID**)
 - Order ID (**Int**)
 - Order date (**Datetime**)
 - Items ordered (**Array of food items**)
 - Order cost (**Int**)
 - User order rating (out of 5) (**Int**)
- DBMS Technology:
 - PostgreSQL
- Entity Relationship Diagram:



Log-In Capabilities:

- Use a csrf token to authenticate/track users
- Authenticate website as HTTPS with a valid certificate
- Passing a hashed version of the password, so no one can intercept it
- This method of authentication was chosen since it was the simplest, easiest to understand/integrate, and because it made the most sense given the little amount of security needed for this project.