FROM THE HEARTH

“From the Hearth”

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Introduction

Team Lead - Valeria

Programmer - Valeria, Avery, Angie

Designer - Avery

Abstract Project name:

Hestia Project's purpose: Provide a central data hub for all traditional daily operations in a restaurant.

Target user: Local, non-chain restaurants

Data to use: Employee Table Name Address Date of Birth SSN Salary

Each of us divided ourselves between these tasks:

Angie

- Database Development
- Select/Search Function
- ER diagram

Valeria

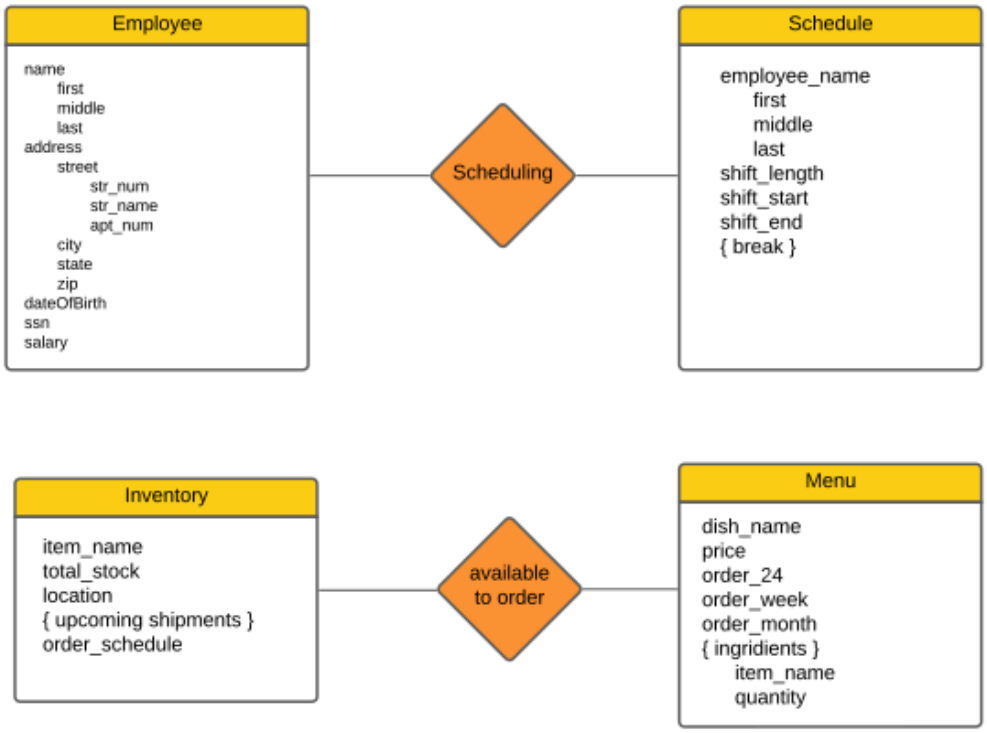
- Database Development
- Insert, Delete, and Update functions
- Database Connection

Avery

- UX/UI
- Wireframes
- Research
- Website Design
- Implementation of functions

Methods

We aimed to make a program for a small, a local restaurant with a small menu and locally-sourced ingredients.

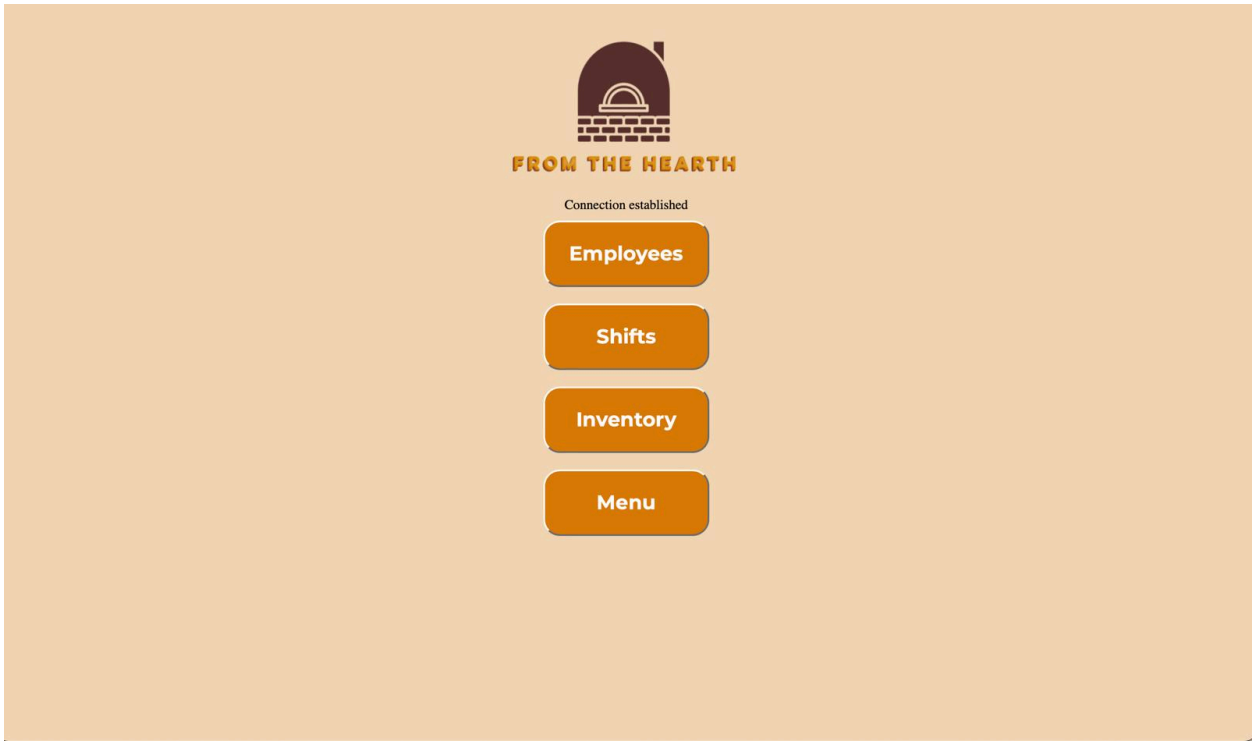


This program will include a website that's easy for managers and other top staff to use, allowing them to keep track of workers, work times, what's in stock, and what's on the menu. The website will have certain parts where all employees can see their shifts and what food is being served

Experiments and Results

Researched which colors and texts would give the website a warm, homey feel
Simple and easy to read views of the tables

Home Page: Provides UI for restaurant owner to search and edit Employees, Shifts, Inventory and Menu



The buttons provided allow the owner to search for, edit, and delete information related to employees, shifts, inventory, and menu items.

Connection established

Find Employee

Enter name: Search

Add New Employee

Employee Name:

Birthday:
04/29/2024

Social Security Number:

Address:

Salary:

Submit

Delete Employee from System

Employee Name: Delete Employee

Update Employee

Employee Name: New Name: Update Employee

Connection established

Add New Shift

Employee Name:

Shift Length:

Start Time:
12:30 PM

End TIme:
12:30 PM

Break:

Submit

Delete Shift from System

Employee Name: Delete Employee

Update Shift

Employee Name: New Name: Update Employee

Connection established

Add New Inventory

Employee Name:

Total Stock:

Location:

Upcoming Shipments:

Salary:

Submit

Delete Inventory from System

Item Name: Delete Item

Update Inventory

Item Name: New Name: Update Inventory

Connection established

Add New Menu Item

Dish Name:

Price:

Weekly Sales:

Daily Sales:

Monthly Sales:

Submit

Delete Menu Item from System

Dish Name: Delete Dish

Update Menu

Dish Name: New Name: Update Employee

Discussion and Conclusion

When starting to develop a website that manages data storage, connecting it to a database is a crucial step which is the part we considered most challenging. In our project, we have successfully linked our website to a MySQL database using PHP.

This setup allows users to interact with the website effectively—they can search for, edit, and delete items directly from the web interface.

In conclusion, to enhance accuracy and prevent future errors, we will use unique identifiers such as employee IDs or SSNs, and item-specific IDs for food and other inventory, to conduct searches avoiding data mixup.

References

“50 Gorgeous Color Schemes from Stunning Websites.” Visme Blog, 16 Apr. 2024, visme.co/blog/website-color-schemes/.