

Database Diner

By Zach Bishop, Sneha Shah, Thomas Weathers, and ThuyVy Nguyen

Github:<https://github.com/thuyvyng/CS340-FinalProject>

Project Description

- Fast Food Chain
- Employee Access
- Customer Access

Database Diner

Home **Welcome!**

[Employees](#) [Order Log](#) [Menus](#) [Location and Hours](#) [Login](#)



Database Diner

Home **Store Hours and Locations**

[Employees](#) [Order Log](#) [Menus](#) [Location and Hours](#) [Login](#)

[Add](#) [Delete](#)

| Store ID | Street | City | Zip | Hours |
|-----------|----------------------|------------------|-------|------------------|
| 100000001 | 2661 Farm Meadow Dri | Lake Havasu City | 86403 | 7:00am - 11:00pm |
| 100000002 | 1902 McKinley Avenue | Englewood | 80110 | 8:00am - 11:59pm |
| 100000003 | 4057 Denver Avenue | Pomona | 91766 | 7:00am - 11:00pm |
| 100000004 | 4871 Sussex Court | Dallas | 75207 | 7:00am - 11:00pm |
| 100000005 | 2865 Jewell Road | Minneapolis | 55406 | 7:00am - 11:00pm |
| 100000006 | 4346 Hoffman Avenue | Brooklyn | 11206 | 7:00am - 11:00pm |
| 100000007 | 856 Timberbrook Lane | Greeley | 80631 | 7:00am - 11:00pm |
| 100000008 | 2562 Dovetail Drive | Hickory Hills | 60457 | 7:00am - 11:00pm |
| 100000009 | 1970 Heron Way | Portland | 97205 | 7:00am - 11:00pm |
| 100000020 | 688 Jones Street | Blue Mound | 76131 | 7:00am - 11:00pm |

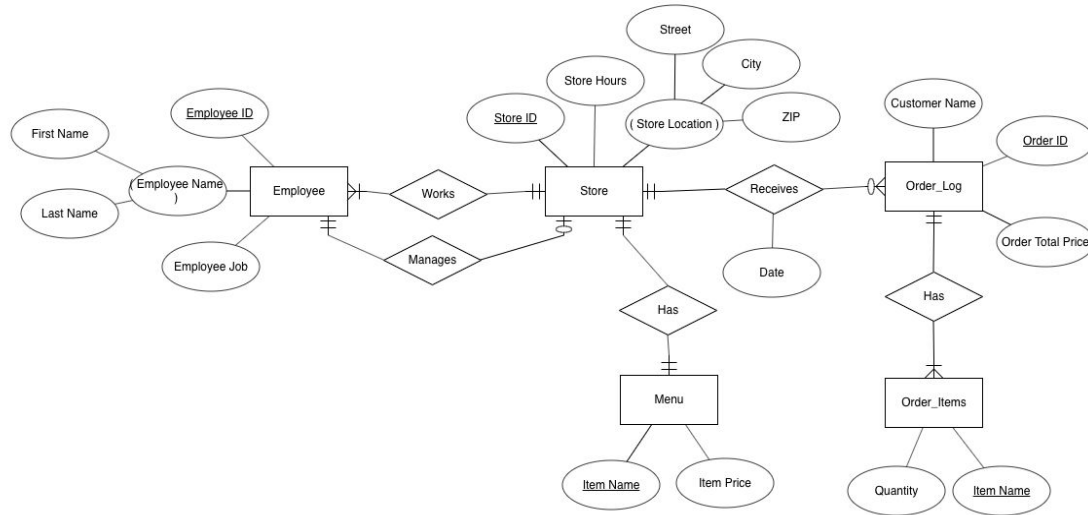
Functionality

- View current Orders
- Change current Menu
- Add/Remove Employees
- Add/Remove Store
- Change Hours of Store
- View Menu at specific Location of Restaurants

Business Rules

- Managers can view and change every page
- Employees can only view the following pages: home, store info, menu, orders
- Customers can only view the following pages: home, store info, menu
- Each employee has a unique Employee ID, same with each Corporate Employee
- Each order must have a unique Order ID
- Menu must have at least one Item for each store
- Orders must have at least one item
- Online ordering is not a feature, orders are only taken from the store

Database Design – ER



Website Layout/Design: Prototype

Home Page

Welcome to Restaurant!

[HOME](#) | [LOG-IN](#) | [LOCATION & HOURS](#) | [MENUS](#) | [ORDERS](#) | [EMPLOYEES](#)

(Description about the restaurant. Possible origin story.)

View Menu Page

[HOME](#) | [LOG-IN](#) | [LOCATION & HOURS](#) | [MENUS](#) | [ORDERS](#) | [EMPLOYEES](#)

[Update Menu](#)

| <u>Item Name</u> | <u>Price</u> | <u>Store ID</u> |
|------------------|--------------|-----------------|
| French Fries | 3 | 100000001 |
| Pizza | 5 | 100000001 |
| Lobster | 20 | 100000002 |
| Ice Cream | 2 | 100000003 |

Only managers can change menu.
Everyone else can view

Add New Item to Menu

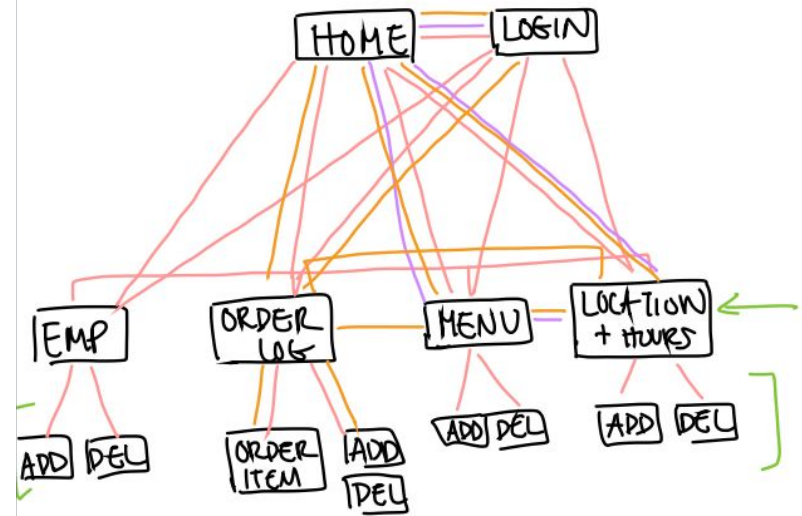
[HOME](#) | [LOG-IN](#) | [LOCATION & HOURS](#) | [MENUS](#) | [ORDERS](#) | [EMPLOYEES](#)

Add to Menu:

Name of Item:
Price:
Store #:

[Submit](#)

Website Layout/Design: Permissions



* Manager

* Customer

* Employee (not Manager)

*note

HOME + LOGIN
are accessible from
anywhere.

*note

All of [] can
access the tier
above them.

Website Layout/Design: Actual

Database Diner

Home **Welcome!**

Employees Order Log Menus Location and Hours Login



Database Diner

Home **Store Menus**

Employees Order Log Menus Location and Hours Login

Add Delete

View menu from selected store: 100000001

| Item Name | Item Price | id |
|------------------|------------|------------|
| Burger | 5 | 1000000001 |
| Fresh Fries | 3 | 1000000001 |
| Pizza | 6.99 | 1000000001 |
| Soda | 1 | 1000000002 |
| Ice Cream | 2 | 1000000003 |
| Chicken Sandwich | 3 | 1000000004 |
| Nuggets | 2 | 1000000005 |
| Milkshake | 2.99 | 1000000006 |
| Double Burger | 5 | 1000000007 |
| Triple Burger | 6 | 1000000008 |

Database Diner

Home **Edit Menu**

Employees Order Log Menus Location and Hours Login

Item Info:

Item Name:

Item Price:

Store ID:

Submit Clear

Implementation – Programming & SQL

- Express
- Express-session
 - Store permission level
- Node
- Handlebars
 - Dynamic HTML
- SQL

Add a new store to Store table:

```
INSERT INTO Store VALUES ('$newSID',  
'$newStreet', '$newCity', '$newZIP', '$newHours');
```

Delete a store from the Store table:

```
DELETE FROM Store WHERE sID = '$oldSID';
```

Select all employee's to display:

```
SELECT * FROM Employee;
```

Display the order items for a specific order:

```
SELECT * FROM Order_Items WHERE oID =  
'$desiredoID'
```

Website Demo

<http://flip1.engr.oregonstate.edu:3135/>

Questions?