

Framework—Flask

HTML
CSS
JavaScript
PHP—Python
JSON

References:

Hardware Req. Reference: [https://fccid.io/XOX-Z400/User- Manual/Users-Manual- 2576495](https://fccid.io/XOX-Z400/User-Manual/Users-Manual-2576495)

[http://www.ece.rutgers.edu/~marsic/books/SE/ projects/Restaurant/2015-g3- report3.pdf](http://www.ece.rutgers.edu/~marsic/books/SE/projects/Restaurant/2015-g3-report3.pdf)

[http://www.ece.rutgers.edu/~marsic/books/SE/ book-SE_marsic.pdf](http://www.ece.rutgers.edu/~marsic/books/SE/book-SE_marsic.pdf)

[https://www.tutorialspoint.com/ software_testing_dictionary/ big_bang_testing.htm](https://www.tutorialspoint.com/software_testing_dictionary/big_bang_testing.htm)

[https://neutrium.net/mathematics/least-squares- fitting-of- a-polynomial](https://neutrium.net/mathematics/least-squares-fitting-of-a-polynomial)

[https://onlinecourses.science.psu.edu/stat501/ node/324](https://onlinecourses.science.psu.edu/stat501/node/324)

[https://fccid.io/XOX-Z400/User- Manual/Users- Manual- 2576495](https://fccid.io/XOX-Z400/User-Manual/Users-Manual-2576495)

Teams of Work

Customer Team: Hagar E., Lakshmi G., Dafna S.

Employee Team: Esraa A., Manvi A., Zachary J.

Manager Team: John A., Kevin H., Fareen P.

Project Website:

[https://sites.google.com/scarletmail.rutgers.edu/ restaurantautomation2018/home?authuser=1](https://sites.google.com/scarletmail.rutgers.edu/restaurantautomation2018/home?authuser=1)



Little Bits

Group 4

Esraa Abdelmotteleh

Manvi Agarwal

John Alcantara

Hagar Elshentenawy

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Kevin Honeker

Zachary Joseph

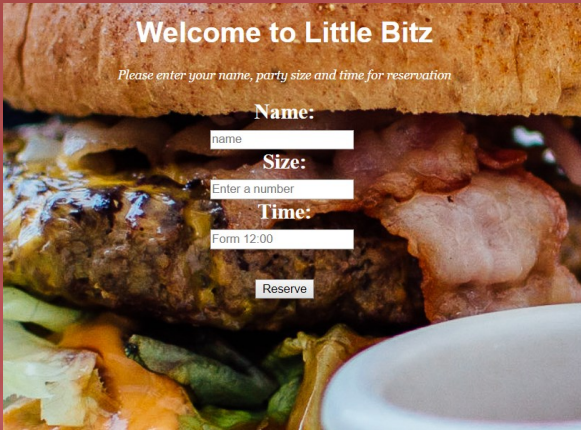
Fareen Pourmoussabian

Dafna Shochat

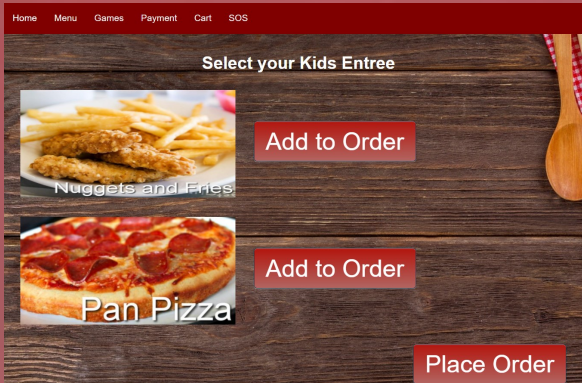
March 30, 2018

Functionalities

Customer is able to select their preferred table location.



Customer is able to order food and drinks at the table without waiting for the waiter to free up.



Functionalities

Employees are able change their schedules as they see fit.

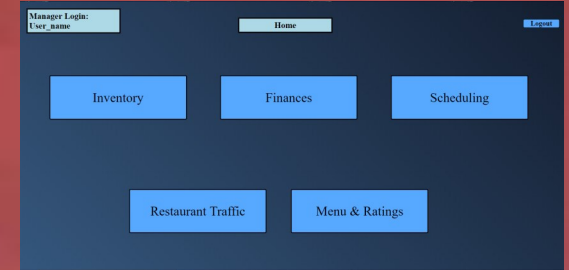
<div> <div></div> <div></div> <div></div> <div></div> </div>	
Fullname JAMES BEARD	
POSITION CHEF	
Day MONDAY	
Shift start time 2	Start period
pm	
End shift time 5	End period
pm	
ADD SHIFT	

Employees are able to check the status of orders, and able to be notified by the customer in case of an issue.

Table Number	Menu items	Quantity	Order Status	Order Status
1	BBQ Wings	2	In progress	Ready
1	French Soup	1	In progress	Ready
2	Mozzarella Sticks	1	In progress	Ready
2	Lasagna	1	In progress	Ready
3	Ice Cream	2	In progress	Ready
3	Chicken Nuggets	2	In progress	Ready
4	Mini Pizza	1	In progress	Ready
4	Green Salad	1	In progress	Ready
5	Tomato Soup	3	In progress	Ready
5	Apple Pie	1	In progress	Ready

Functionalities

Manager is able to access functional-
ities such as: Inventory, Scheduling,
and Restaurant Traffic.



Manager is able to add new items to the menu.

Menu Item Information

Item Name

Item Price

Ingredient Name

Quantity of Ingredient

Unit of Measure

submit

Manager is able to keep track of inventory numbers.

