

OOP COURSE 2020

Made By :

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Restaurant Management
System

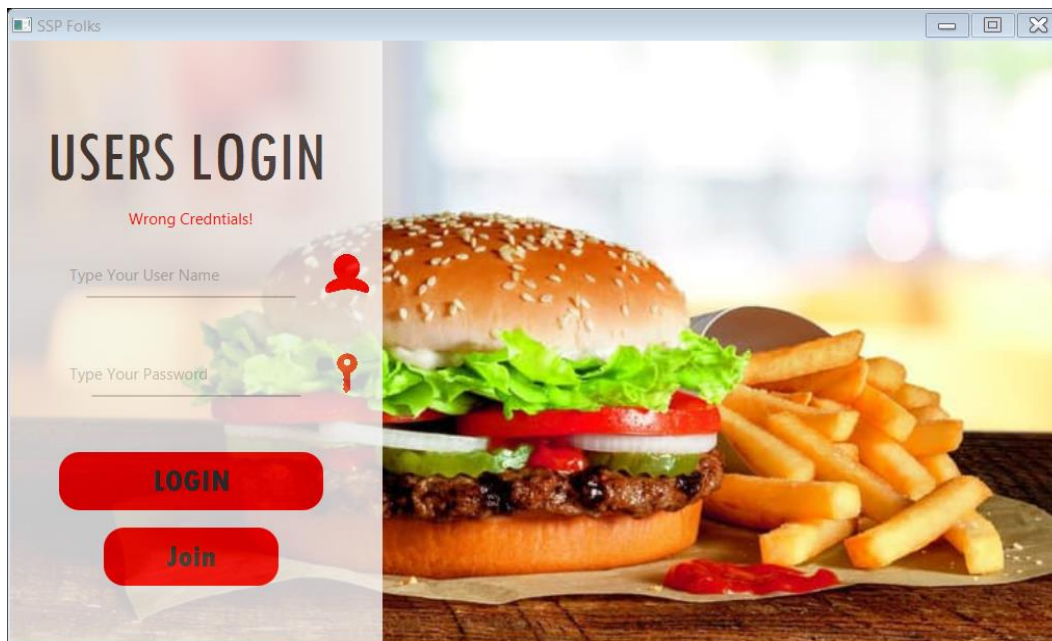
APRIL 6



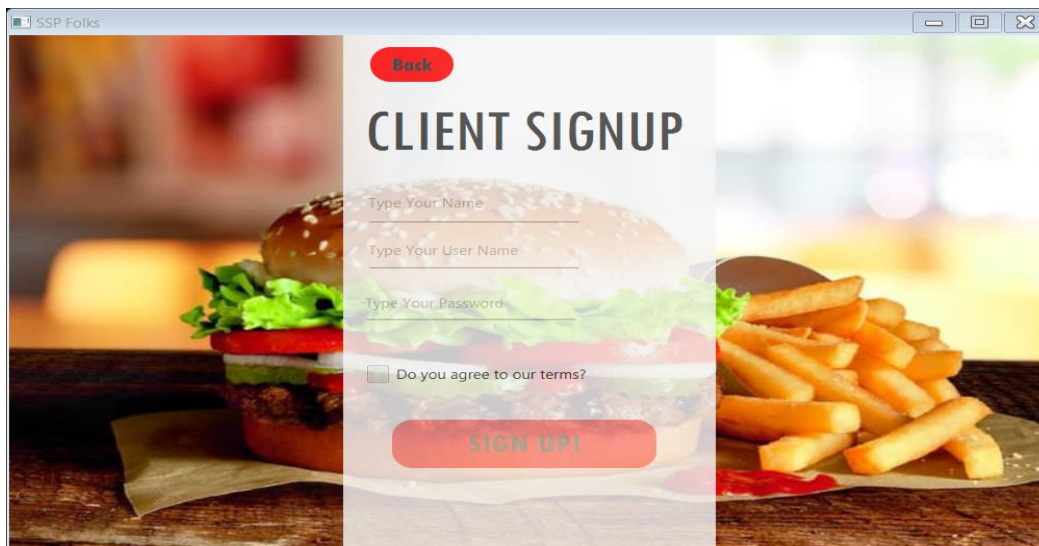
LOGIN SCREEN (Features)

(Additional Libraries Are Used!) see Last Page...

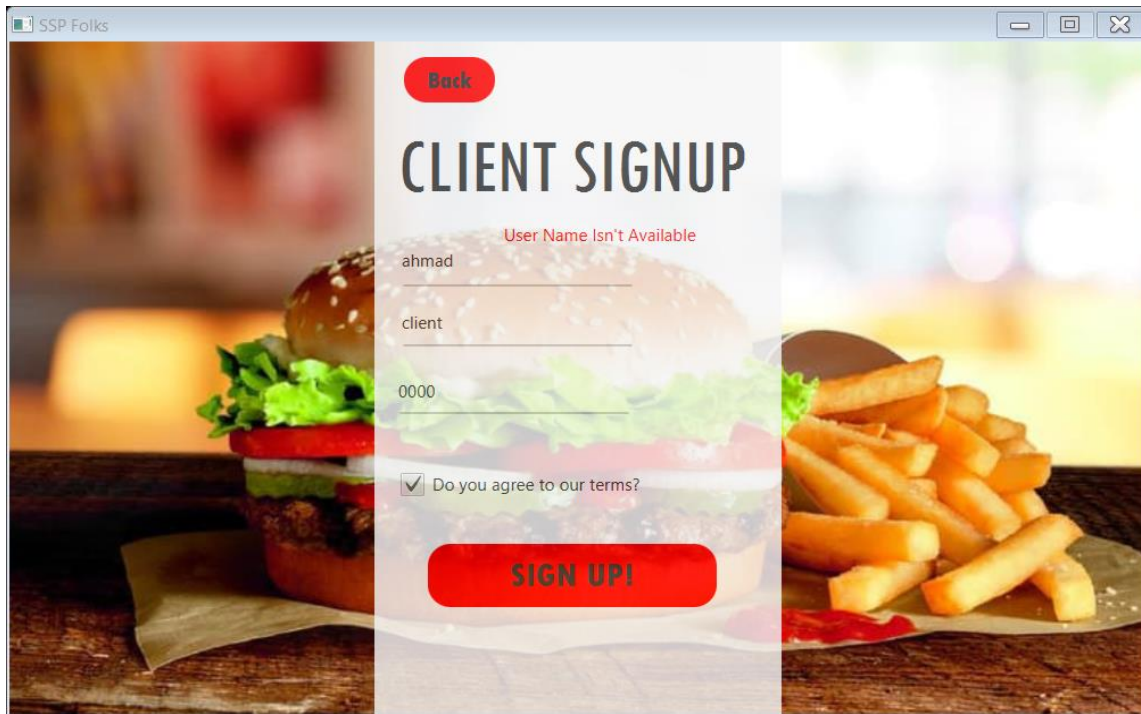
Login Error In case of Wrong Credentials:-



1- Ability to Sign Up as A client

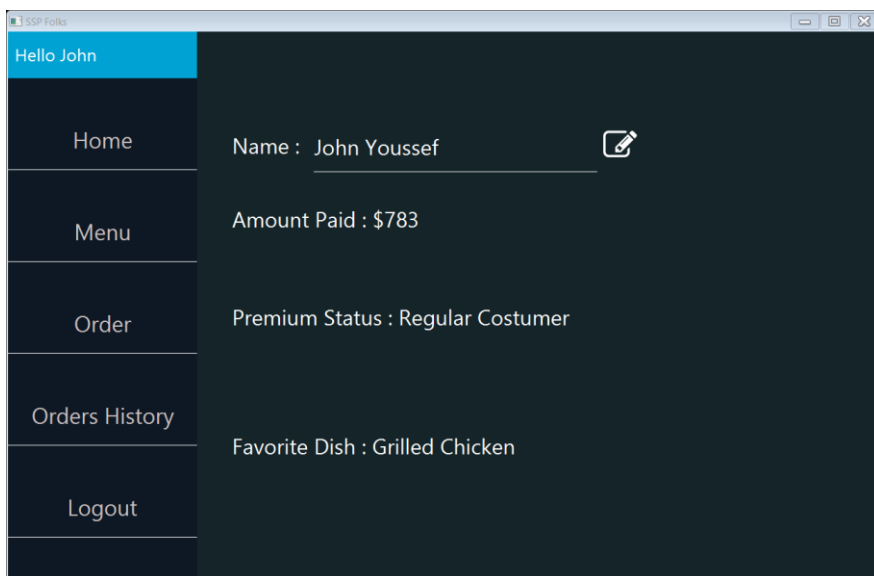


2.1-Error (Username Already Exists):-



Client Dashboard (Features)

1-Favorite Dish and name Editing Feature



1-Order History Feature (List the History of orders Issued by him)

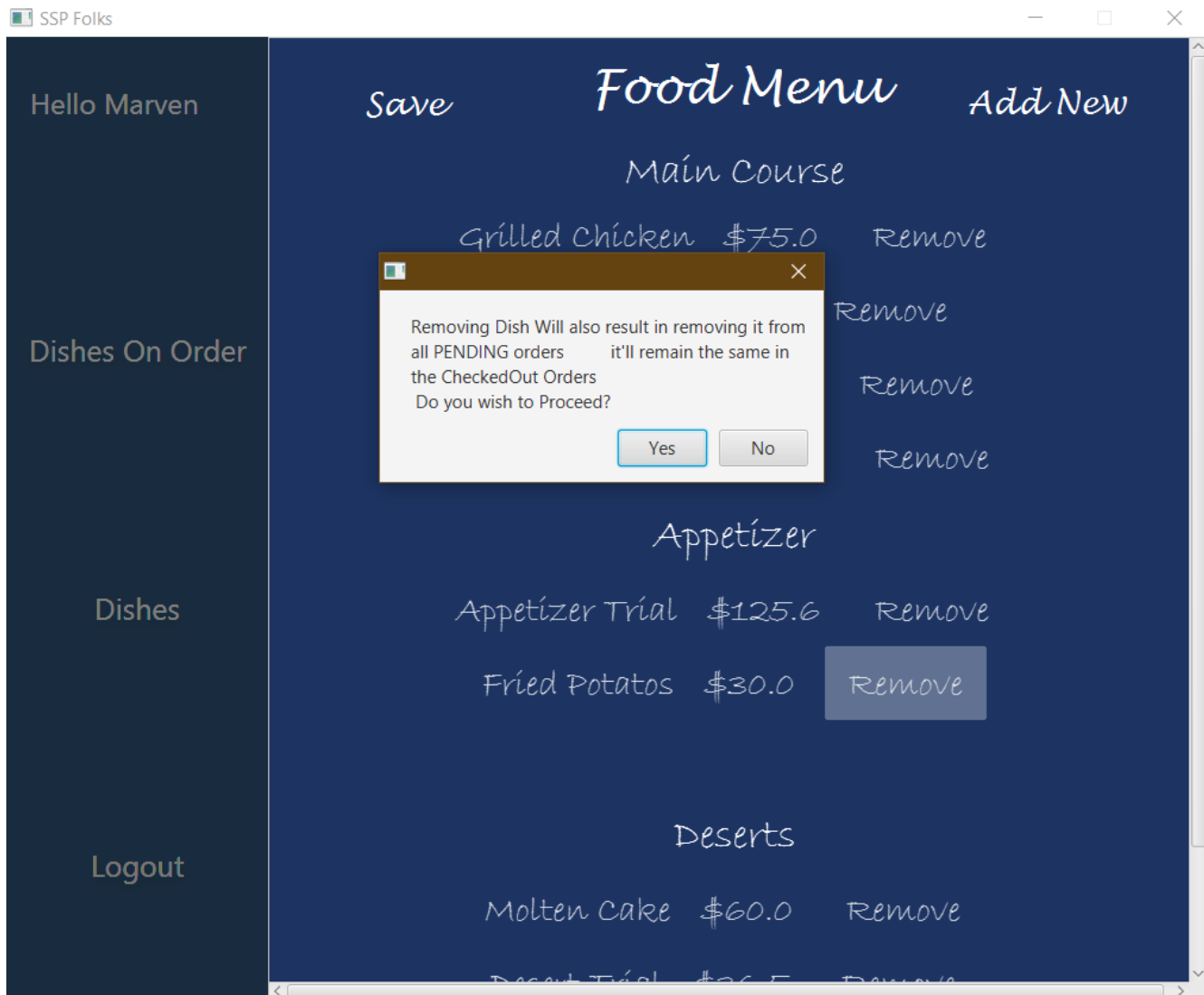
The screenshot shows a web application interface for a user named John. The left sidebar contains navigation links: Home, Menu, Order, Orders History, and Logout. The main content area is titled 'History' and displays two orders. Order 1 has a price of 1087, is not checked out, and is not cooked. It includes 5 Appetizer Trials, 1 Fried Potato, 2 Desert Trials, and 3 Beef Steaks. Order 2 has a price of 783, is checked out, and is cooked. It includes 8 Grilled Chickens, 1 Fried Potato, and 1 Apple Pie.

Order	Price	Checked Out	Cooked	Item	Quantity
Order 1	1087	false	false	Appetizer Trial	5
				Fried Potatos	1
				Desert Trial	2
				Beef Steak	3
Order 2	783	true	true	Grilled Chicken	8
				Fried Potatos	1
				Apple Pie	1

Cook Dashboard (Features)

Along with preparing Dishes he has the feature of removing and adding New Dishes to the restaurant, but here comes the feature

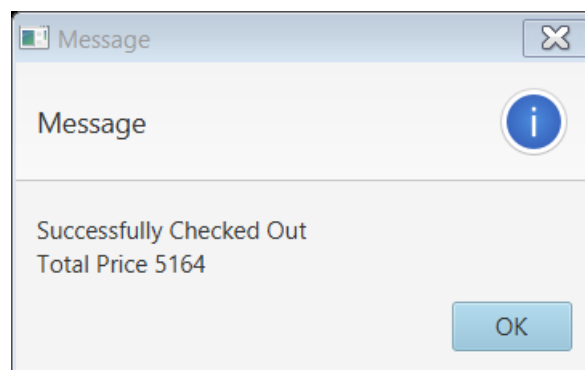
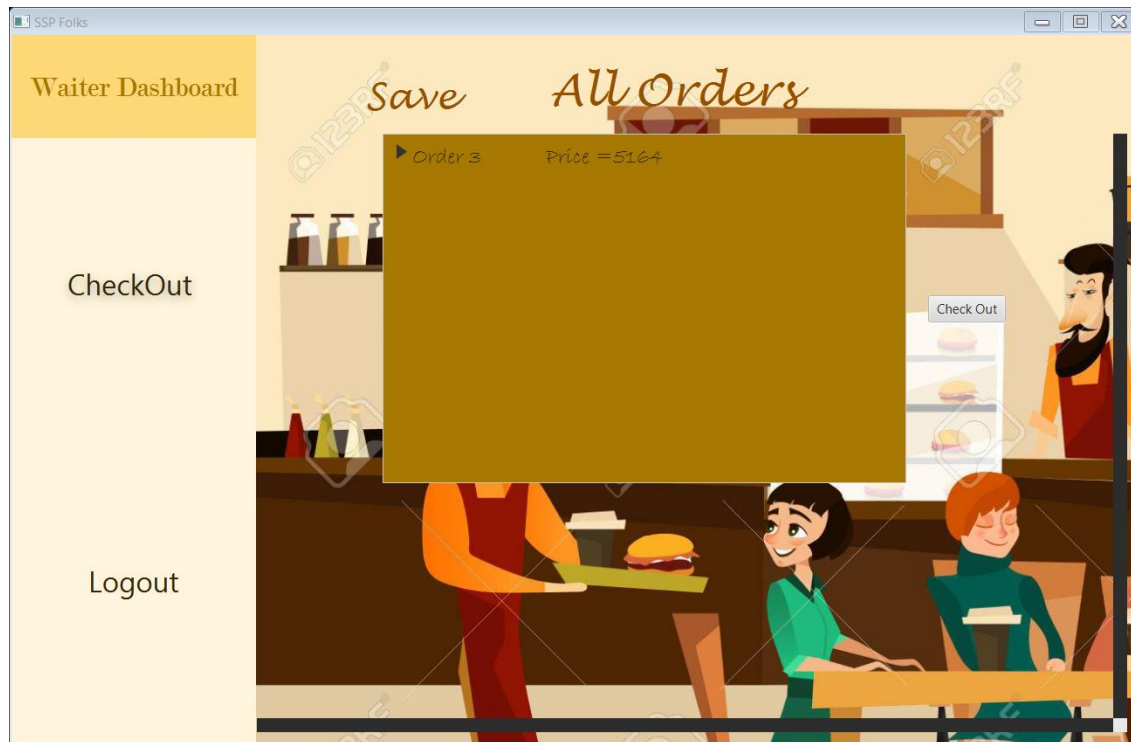
The removed dish will be removed from restaurant and all UN-CHECKED-OUT (Pending) orders only with an alert message appearing to the cooker.



Waiter Dashboard (Features)

Waiter can only check out Ready Orders (cooked) and after checking out a message appear with the total price of order,

Earnings are to restaurant when and ONLY when the Order is checked out by the waiter (common sense)



Manager Dashboard (Features)

1-Statistics Page:-

The ability to see restaurant total earnings ,the best cook according the number of orders he prepared, the best client according to the amount of money he paid.

Also the ability of seeing a bar chart of how many times a dish is ordere

NO PREPARED ORDERS OR NO CLIENTS ARE ALSO HANDELD.



Also, he has the ability of, adding/removing/seeing, all clients, waiters, cooks and tables.

But he can just remove dishes doesn't add to them, That's the cook job to add new Dishes.

Fields Accepting Numbers Only are handed

When adding new table after removing one it's inserted with same number as removed (try removing table 2 for i.e. (or any table rather than the last one)

And then add new table, it'll take its place.

And many more features you'll approach while testing.

Division Of Labor:

We brainstormed together the flow of the project and what are the classes and packages and what is going to be a parent class and their children will inherit from him; to be more specific :

- XML file : Noha El haddad & Ahmed Mohye
- Class RestaurantAdapter, as it supports inheritance in XML file : Ahmed Mohye
- GUI, we both worked on it; to be more specific :
 1. ManagerDashboard Package: Ahmed Mohye
 2. ClientDashboard Package :Ahmed Mohye & Noha El Haddad
 3. LoginScreen Package : Ahmed Mohye & Noha El Haddad
 4. CookDashboard Package : Ahmed Mohye & Noha El Haddad
 5. WaiterDashboard Package :Ahmed Mohye & Noha El Haddad
- Restaurant Package, brainstormed & coded: Ahmed Mohye & Noha El Haddad
- UML : Noha El Haddad & Ahmed Mohye

Thank you and Stay safe!

Link for downloading External Libraries if any problem accrued.
It's already in the Folder Named External Libraries.
But here's the link anyways.

[http://www.mediafire.com/folder/3uxsnd5wrw0e6hx,gwfvbxoybtc4n94,9al6vpihhb
kxgsc,ac59mscxzqgfe95/shared](http://www.mediafire.com/folder/3uxsnd5wrw0e6hx,gwfvbxoybtc4n94,9al6vpihhb
kxgsc,ac59mscxzqgfe95/shared)