



CS605.782 Project Team A
Spring 2011

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Project Overview

- Need a simple, easy to use interface that allows a user to order food
- Search for restaurants in your area
- Easy access to menus of restaurants
- Orders placed accurately

Technologies Used

- Data Access Layer
 - Oracle Express (10g) Database
 - Tomcat Connection Pooling
 - Spring 3 libraries used to simplify writing of Data Access Objects (DAOs)
 - Utilized a Singleton Factory Pattern to facilitate simple setup and retrieval of DAO objects

Account Management

- 2 Types of Accounts:
 - Both have address, name, phone, etc...
 - Restaurants
 - Edit Menu
 - Process orders
 - Users
 - Order Food
 - Store Basic Info and Credit Cards

The Process

- For the User
 - Search For a Restaurant
 - Select a Restaurant
 - Edit your Order
 - Checkout
 - Leave the process at any time and come back by pressing the checkout button at the top.
- For the restaurant
 - New orders visible on the Order Maintenance Page
 - Process Orders by marking them complete.



The Prototype



OffCampusFood.com



Email:

Password:

Register

Login

Welcome to OffCampusFood.com!

Have a local restaurant in mind?

Then type in your address and search for restaurants near you!

Restaurant Info

Restaurant Name:

City:

State:

Zip Code:

Search Restaurant

Who's Hungry?

John Smith wants a Fries

Zaven wants a Fries

Front Page



User Login

Save Info

Reset

Registration Type: ☒ User ☐ Restaurant

Registration Info

Email: test@test.com

Password: ●●●

Retype Password: ●●●

Basic Information

Name: John Smith

Phone Number: 123-456-7890

Address

Street Address 1: 2200 Deckman Lane

Street Address 2:

City: Silver Spring

State: MD

Zip Code: 20906

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

Registering as a user



OffCampusFood.com

Email:

Password:

Register

Login

Save Info

Reset

Registration Type: ☒ User ☐ Restaurant

Registration Info

Email:

This field cannot be blank.

Password:

This field cannot be blank.

Retype Password:

Basic Information

Name:

This field cannot be blank.

Phone Number:

This field cannot be blank.

Address

Street Address 1:

This field cannot be blank.

Street Address 2:

City:

This field cannot be blank.

State:

This field cannot be blank.

Who's Hungry?

John Smith wants a Fries

John Smith wants a Fries

The page at <https://zmnatz.dyndns.org:8443> says:



Fix the indicated validation errors first.

OK

Validation In User Registration



OffCampusFood.com



Welcome to Off Campus Food
John Smith

[Edit Info](#)[Logout](#)[Save Info](#)[Reset](#)[Edit Credit Cards](#)

Registration Info

Email: test@test.com

Basic Information

Name: John Smith

Phone Number: 123-456-7890

Address

Street Address 1: 2200 Deckman Lane

Street Address 2:

City: Silver Spring

State: MD

Zip Code: 20906

[Save Info](#)[Reset](#)[Edit Credit Cards](#)

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

Editing User Info



OffCampusFood.com



Welcome to Off Campus Food
John Smith

[Edit Info](#)[Logout](#)[Add Credit Card](#)[Back to Info](#)

New Credit Card

CC Number:

Expiration Date:

Name:

Phone Number:

Address

Street Address 1:

Street Address 2:

City:

State:

Zip Code:

[Same Address](#)[Save Item](#)[Reset](#)[Cancel](#)[Add Credit Card](#)[Back to Info](#)

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

Editing Credit Card Info For User



User Viewing Added Credit Cards



Restaurant Login



Welcome to Off Campus Food
Five Guys

Edit Info

Orders

Logout

Add Menu Item

Back to Info

Menu

Price

Hamburger
The Classic!!!

4.5

Remove

Cheese Burger
The Classic!!! With Cheese.

5.5

Remove

Fries
Fried Potato Wedges

3.4

Remove

Add Menu Item

Back to Info

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

Restaurant Info, Editing Menu



OffCampusFood.com



Welcome to Off Campus Food
Five Guys

[Edit Info](#)[Orders](#)[Logout](#)[Back to Info](#)

Orders

Daniel
Cheese Burger

[Complete Order](#)

Zaven
Hamburger

[Complete Order](#)

Zaven
Fries

[Complete Order](#)

Daniel
Hamburger

[Complete Order](#)

Daniel
Hamburger

[Complete Order](#)

Zaven
Fries

[Complete Order](#)[Back to Info](#)

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

Restaurant Viewing Orders



The Order Process



OffCampusFood.com



Welcome to Off Campus Food
John Smith

[Edit Info](#)[Logout](#)

Welcome to OffCampusFood.com!

Have a local restaurant in mind?

Then type in your address and search for restaurants near you!

Restaurant Info

Restaurant Name:

City:

State:

Zip Code:

[Search Restaurant](#)

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

User Searching For Restaurants

List of restaurants in the area:

Restaurant Name	Phone Number
A Restaurant Street Address 1 Gaithersburg, MD, 20877	555-555-5556
Five Guys 123 Hamburger Lane 123, Maryland, 20878	123
Five Guys burger street 23, 34, 45	123-Burger
123 123 123, 1231, 123	123
Five Guys 123 123, 1231, 1234	123
Five Guys 123 Food Street Silver Spring, MD , 20906	123
Jerry's Subs and Pizza 123 Shady Grove Rd Rockville, Maryland, 20850	301-900-1234

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

Restaurant List Appears



OffCampusFood.com

Welcome to Off Campus Food
John Smith
Edit Info Checkout Logout

Checkout Clear Order

Menu

Hamburger
The Classic!!!
\$4.50

Add To Order

Cheese Burger
The Classic!!! With Cheese.
\$5.50

Add To Order

Fries
Fried Potato Wedges
\$3.40

Add To Order

Current Order

Fries
Fried Potato Wedges
\$3.40

Remove

Cheese Burger
The Classic!!! With Cheese.
\$5.50

Remove

Total Cost: \$8.90

Checkout Clear Order

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

User Viewing Restaurant Menu, Making Order



Welcome to Off Campus Food
John Smith

[Edit Info](#)[Checkou](#)[Logout](#)[Final Checkout](#)[Revise Order](#)

Five Guys

Current Order

Fries	\$3.40
Fried Potato Wedges	

Cheese Burger	\$5.50
The Classic!!! With Cheese.	

Total Cost: \$8.90

Choose From Your Credit Cards:

[Final Checkout](#)[Revise Order](#)

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

User Proceeding To Checkout



OffCampusFood.com

Welcome to Off Campus Food
John Smith

[Edit Info](#)[Checkou](#)[Logout](#)[Return Home](#)

The following order is complete for : John Smith

Complete Order

Fries	\$3.40
Fried Potato Wedges	

Cheese Burger	\$5.50
The Classic!!! With Cheese.	

Paid with card no:*****6789

Please save this for your record.

[Return Home](#)

Who's Hungry?

Zaven wants a Fries

Daniel wants a Hamburger

User Order Complete, Confirmation Page



OffCampusFood.com



Welcome to Off Campus Food
John Smith

Edit Info

Logout

Welcome to OffCampusFood.com!

Have a local restaurant in mind?

Then type in your address and search for restaurants near you!

Restaurant Info

Restaurant Name:

City:

State:

Zip Code:

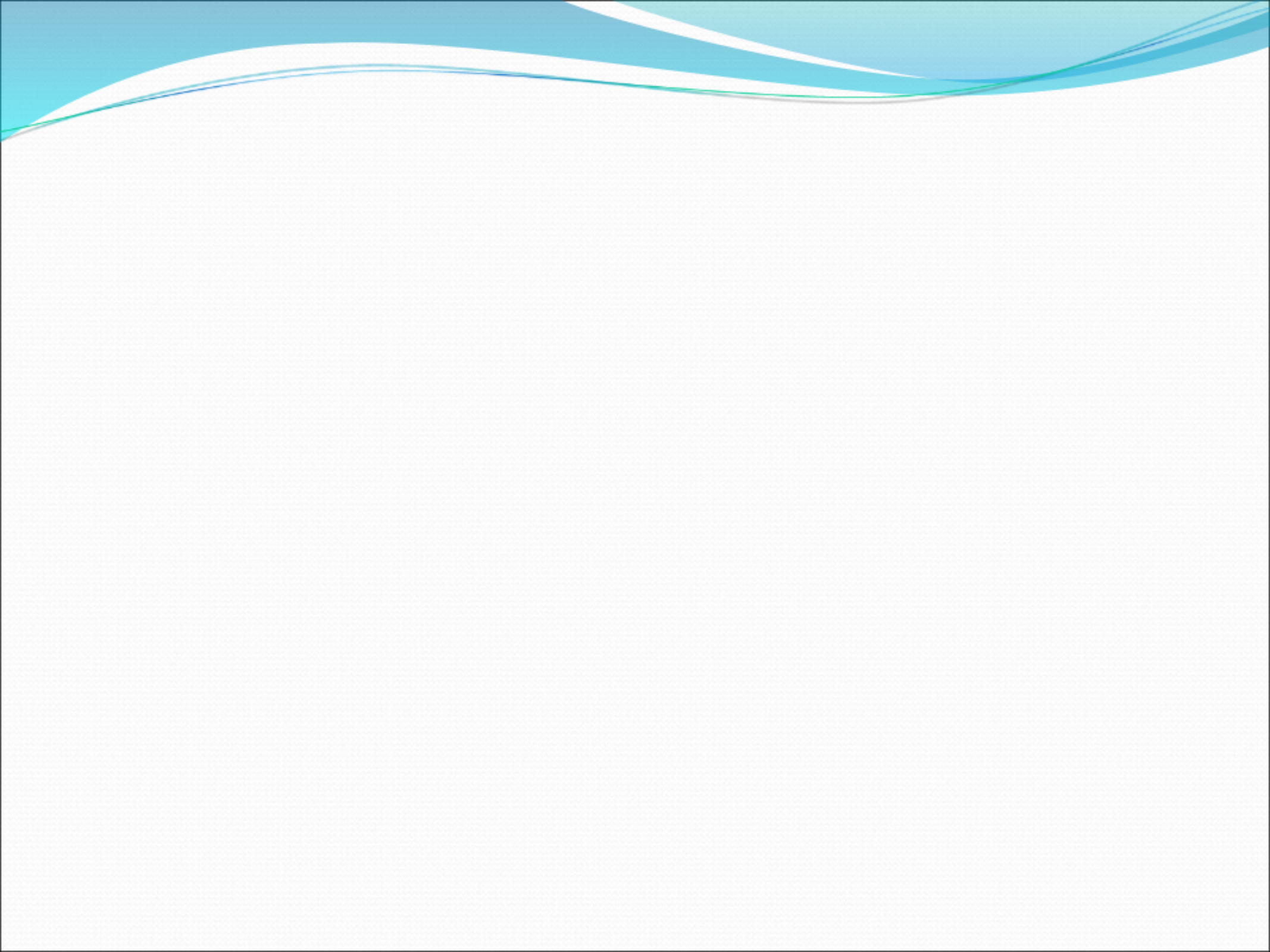
Search Restaurant

Who's Hungry?

John Smith wants a Fries

Zaven wants a Fries

Order Complete, Added To Order List



What's Next?

- Notifications throughout the process
- Use AJAX for faster order editing
- Allow menu overview from the search page.