

C-Lovers Fish & Chips

Database Architecture Project

Group 13 - Jaiden Angeles & Tianci Qiao

C-LOVERS
"THE BEST FISH & CHIPS IN TOWN"

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Overview of C-Lovers Fish & Chips



- ❖ Well-established and trusted brand in the seafood industry
- ❖ Operating for over 30 years
- ❖ Variety of seafood options including cod, halibut, salmon, prawns

Operational Area

- ❖ Located in British Columbia and Alberta
- ❖ Commit only use the highest quality ingredients
- ❖ Vancouver Aquarium Ocean Wise partner

Our Locations

Find the Best Fish & Chips Near You!

Langley

20251 Fraser Hwy.

TUESDAY 11:00am – 8:00pm

604-532-9747 [Get Directions](#)

Abbotsford

7 – 32451 South Fraserway

TUESDAY 11:00am – 8:00pm

604-859-9747 [Get Directions](#)

South Surrey

#100 – 2655 King George Hwy.

TUESDAY 11:00am – 8:00pm

604-385-4070 [Get Directions](#)

Chilliwack

45355 Luckakuck Way

TUESDAY 11:00am – 8:00pm

604-769-0076 [Get Directions](#)

Kelowna

335-2339 Hwy 97N

TUESDAY 11:00am – 8:00pm

250-717-0203 [Get Directions](#)

West Kelowna

#104 – 3466 Carrington Road

TUESDAY 11:00am – 8:00pm

778-754-7000 [Get Directions](#)

Pinetree Village

108-2991 Lougheed Hwy.

TUESDAY 11:00am – 8:00pm

604-464-3611 [Get Directions](#)

North Van

1660 Pemberton Ave.

TUESDAY 11:00am – 8:00pm

604-980-9993 [Get Directions](#)

Vernon

2501 53rd Ave.

TUESDAY 11:00am – 8:00pm

250-558-0208 [Get Directions](#)

Horseshoe Bay

6640 Royal Ave.

TUESDAY 11:00am – 8:00pm

604-913-0994 [Get Directions](#)

Edmonton

4121 – 139 AVE. NW

TUESDAY 11:00am – 8:00pm

780-244-2447 [Get Directions](#)

Kamloops

726C Sydney Ave

TUESDAY 11:00am – 8:00pm

778-470-0666 [Get Directions](#)

Menu-Dine In



"THE BEST FISH & CHIPS IN TOWN"



we are
ocean wise

APPETIZERS

Onion Rings (Full Order) 10.99
12 Delicious, Batter-Dipped Fresh Onion Rings

Onion Rings (Half Order) 5.99
6 Delicious Batter-Dipped Fresh Onion Rings

Popcorn Shrimp 10.99
Indulgent Battered Popcorn Shrimp With Special Sauce

Battered Mushrooms 10.99
12 Delicious Battered Mushrooms With Ranch Dip

Prawns 12.49
10 Delicious Battered Prawns With Cocktail Sauce

Deep Fried Dill Pickles 9.99
6 Battered Dill Pickles With Ranch Dip

HOMESTYLE C-FOOD CHOWDER

Our Very Own Heartwarming Well-Simmered Chowder is Abundant With Atlantic Halibut, Fresh Cut Vegetables and Bacon

Small Bowl 5.49 Large Bowl 7.49
"Gluten Friendly!"

 OCEAN WISE, A SUSTAINABLE CHOICE

CAESAR SALAD

Crisp Romaine Lettuce Tossed With Our Signature Creamy Garlic Dressing And Grilled Garlic Croutons. Garnished With Shredded Parmesan

Small 7.49 Large 10.99

• Draft Beer On Tap •




Sleeves 6.99 Pitchers 19.99

Okanagan Spring Pale Ale
Okanagan Spring 1516 Lager

• From The Vineyard •

PELLER ESTATES
Vinyard's Reserve

Glass (6 oz) 6.99 • 1/2 Liter 15.99 • Liter 22.99

Chardonnay Cabernet Pinot Grigio Shiraz

BEVERAGES

Hot Chocolate 2.49

Tea 2.49

Milk 2.49

Chocolate Milk 2.49

Soft Drinks 2.49

Apple Juice 2.49

Orange Juice 2.49

Tomato Juice 1.99

Domestic Bottled Beer 6.99

Molson Canadian
Corona Light
Budweiser
Kaiser

Ciders & Ciders 7.49

Cosmos
Hard Lemonade
Cider

O'Jus's 3.49
(non-alcoholic)

Imported Bottled Beer 7.49

Corona
Miller Genuine Draft
Guinness Pub Draught
Newcastle Brown Ale
Stella Artois

Craft Beer 7.49

Steamworks Pilsner IPA
Steamworks Pale Ale
Steamworks Pilsner

*Beers available on request

www.C-Lovers.com All Prices Exclude Taxes



"THE BEST FISH & CHIPS IN TOWN"



we are
ocean wise

ALL-YOU-CAN-EAT FISH & CHIPS

child \$7.99
5-10 yrs

Toddler \$2.99
3-4 yrs

2 & Under Free

\$18.99

includes bottomless pop!

AVAILABLE EVERY DAY, ANY TIME

DINNERS & PLATTERS

Cod Dinner 1 Pc 14.99 2 Pc 22.49
Our Truly Battered Hand-Cut Cod

Haddock Dinner 1 Pc 15.99 2 Pc 23.49
Our Truly Battered Hand-Cut Haddock

Halibut Dinner 1 Pc 19.99 2 Pc 30.99
Our Truly Battered Hand-Cut Halibut

Salmon Dinner 1 Pc 15.99 2 Pc 23.99
Our Truly Battered Hand-Cut Salmon

Prawn Dinner 19.99
10 Prawns Delicately Battered

Oyster Dinner 26.99
6 Oysters Delicately Battered

Halibut Platter 26.99
3 Prawns, 2 Oysters, 1 Piece Halibut

Haddock Platter 23.99
3 Prawns, 2 Oysters, 1 Piece Haddock

Cod Platter 22.99
3 Prawns, 2 Oysters, 1 Piece Cod

Salmon Platter 23.99
3 Prawns, 2 Oysters, 1 Piece Salmon

Chicken Strips 16.49
10 Delicious Battered Chicken Strips

BURGERS

Salmon Burger 9.49

Haddock Burger 9.49

Cod Burger 8.99

Halibut Burger 11.39

Oyster Burger 11.49

SIDES

Bun & Butter 1.25

Hand-Cut Chips 5.99

C-Dog 3.99
Two Pcs Battered Hand-Cut Dog

Oysters (Single) 5.49

Coleslaw small 3.99 large 5.49

Mushy Peas 3.49

Gravy 2.49

Enhance Your Meal With A C-Lovers Add-On!

Prawns Add 4 To Any Meal For Only \$3.99

Deep Fried Dill Pickles Add 3 To Any Meal For Only \$3.99

Onion Rings Add 4 To Any Meal For Only \$3.99

 OCEAN WISE, A SUSTAINABLE CHOICE

www.C-Lovers.com All Prices Exclude Taxes

•HELLO.

ORIGINAL HOME OF OCEAN-FRIENDLY

ALL-YOU-CAN-EAT FISH & CHIPS

\$21⁹⁹ All-In Price - Get 2 or More
Any 1 or Several of These!

Child \$7⁹⁹
\$5 w/ 1st Ad.
Toddler \$2⁹⁹
\$1 w/ 1st Ad.

AVAILABLE EVERY DAY, ANY TIME

2 & Under Free

\$18⁹⁹ Includes 30% Off Dessert pop!

At Seafood Warehouse we are so confident you will love our food and service that we're offering it for so much less than you can find anywhere else. So please don't miss this offer!

DINNERS & PLATTERS

Cod Dinner 1 Pc 14.99 2 Pcs 22.49 <small>Our Tiny Battered Head Cut Cod</small>	Haddock Dinner 1 Pc 15.99 2 Pcs 23.49 <small>Our Tiny Battered Head Cut Haddock</small>
Halibut Dinner 1 Pc 14.99 2 Pcs 20.99 <small>Our Tiny Battered Head Cut Halibut</small>	Salmon Dinner 1 Pc 15.99 2 Pcs 23.99 <small>Our Tiny Battered Head Cut Salmon</small>
Prawn Dinner 14.99 <small>6 Fresh Delicious Battered Prawns</small>	Oyster Dinner 26.99 <small>6 Deluxe Battered Oysters Per Plate</small>
Halibut Platter 26.99 <small>8 Prawns, 2 Oysters, 1 Piece Halibut</small>	Haddock Platter 23.99 <small>8 Prawns, 2 Oysters, 1 Piece Haddock</small>
Cod Platter 22.99 <small>8 Prawns, 2 Oysters, 1 Piece Cod</small>	Salmon Platter 23.99 <small>8 Prawns, 2 Oysters, 1 Piece Salmon</small>
Chicken Strips 16.44 <small>5 Deliciously Battered Chicken Strips</small>	

All Dinners Include Hand-Cut Chips & Fresh Colelaw
+ • • •
Substitute Chips & Colelaw For A Side Caesar Salad
For Only \$1.00

SMALL APPETITES

Halibut 17.44 <small>1 Pc of Tiny Battered Head Cut Chips</small>	Cod 13.44 <small>1 Pc of Tiny Battered Head Cut Chips</small>
Haddock 14.44 <small>1 Pc of Tiny Battered Head Cut Chips</small>	Chicken Strips 10.44 <small>5 Deliciously Battered Chicken Strips</small>
Salmon 14.44 <small>1 Pc of Tiny Battered Head Cut Chips</small>	

BURGERS

Salmonger Burger 4.99	Haddock Burger 5.44
Cod Burger 5.99	Halibut Burger 11.39
Oyster Burger 11.44	

Add Chips To Your Burger 4.44

Premium Hand Battered Fillet atop Fresh Colelaw, Our Trademark Tartar Sauce And Zesty Lemon Pepper

SIDES

Bun & Tomato 1.25	Hand-Cut Chips 5.99
C-Dog 3.99	
Oysters (Single) 5.44	Colelaw smelt 3.99 Large 5.44
Mushy Peas 3.44	Gravy 2.99

Enhance Your Meal With A C-Lovers Add-On!

Prawns Add 4 To Any Meal For Only \$3.99	Deep Fried Dill Pickles Add 3 To Any Meal For Only \$3.99	Onion Rings Add 4 To Any Meal For Only \$3.99
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OCEAN WISE. A SUSTAINABLE CHOICE

www.O-Lovers.com

All Prices Exclude Taxes

•HELLO.

ORIGINAL HOME OF OCEAN-FRIENDLY

ALL-YOU-CAN-EAT FISH & CHIPS

\$21.99
All-You-Can-Eat Fish & Chips with 1/2 lb. of Shrimp

Child \$7.99
5-10 yrs

Toddler \$2.99
3-4 yrs

\$18.99
Includes 300+ endless pop!

2 & Under Free

AVAILABLE EVERY DAY, ANY TIME

At all C-Lovers you can enjoy our delicious seafood, the freshest and best in the business, and our amazing 1/2 lb. of shrimp pop, and our amazing 300+ endless pop, all for the same deliciously affordable price!

COULD YOU DO IT?

C-Lovers
Platter
26.99

1/2 lb. of Halibut, 6 Potatoes, and 4 All Delicious Battered and Served On A Platter With Hand-Cut Chips and Fresh Colelaw

The Ultimate Platter
Dinner for 2
34.99

6 Halibut Fillets, 6 Potatoes, and 4 All Delicious Battered and Served On A Platter With Hand-Cut Chips and Fresh Colelaw

DINNERS & PLATTERS

Cod Dinner 1 Pz. 14.99 2 Pz. 22.49 <small>Or Tilapia Battered Inland Cut Cook</small>	Halibut Dinner 1 Pz. 15.49 2 Pz. 23.44 <small>Or Tilapia Battered Inland Cut Cook</small>
Halibut Dinner 1 Pz. 14.99 2 Pz. 30.49 <small>Or Tilapia Battered Inland Cut Cook</small>	Salmon Dinner 1 Pz. 15.99 2 Pz. 23.49 <small>Or Tilapia Battered Inland Cut Cook</small>
Prawn Dinner 14.99 <small>6 Potatoes Battered Inland Cut Cook</small>	Oyster Dinner 26.99 <small>6 Potatoes Battered Inland Cut Cook</small>
Halibut Platter 26.99 <small>8 Potatoes, 2 Oysters, 1 Pz. Halibut</small>	Halibut Platter 23.99 <small>8 Potatoes, 2 Oysters, 1 Pz. Halibut</small>
Cod Platter 22.49 <small>8 Potatoes, 2 Oysters, 1 Pz. Cod</small>	Salmon Platter 23.49 <small>8 Potatoes, 2 Oysters, 1 Pz. Salmon</small>
Chicken Strips 16.44 <small>5 Deliciously Battered Chicken Strips</small>	

BURGERS

Salmon Burger 4.99 Halibut Burger 4.99	Cod Burger 8.99
Halibut Burger 4.99	Oyster Burger 11.44

Add Chips To Your Burger 4.49

ALL DINNERS INCLUDE HAND-CUT CHIPS & FRESH COLESLAW

Substitute Chips & Colelaw For A Side Caesar Salad For Only \$1.00

SMALLER APPETITES

Halibut 17.44 <small>1 Pz. of Tilapia Battered Inland Cut Cook</small>	Cod 13.44 <small>1 Pz. of Tilapia Battered Inland Cut Cook</small>
Halibut 14.44 <small>1 Pz. of Tilapia Battered Inland Cut Cook</small>	Chicken Strips 10.44 <small>5 Deliciously Battered Chicken Strips</small>
Salmon 14.44 <small>1 Pz. of Tilapia Battered Inland Cut Cook</small>	

SIDES

Bun & Butter 1.25	Hand-Cut Chips 5.99
C-Dog 3.99	Oysters (Single) 5.44
Colelaw 2.99	Colelaw 3.99
Mushy Peas 3.44	Gravy 2.99

Enhance Your Meal With A C-Lovers Add-On!



Prawns Add 4 To Any Meal For Only \$3.99	Deep Fried Dill Pickles Add \$3 To Any Meal For Only \$3.99	Onion Rings Add 4 To Any Meal For Only \$3.99
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OCEAN WISE. A SUSTAINABLE CHOICE

www.C-Lovers.com

All Prices Exclude Taxes

Menu- Take Out

TAKE-OUT MENU

DINNERS

Cod & Chips	1 pc	12.98
Cod & Chips	2 pc	20.97
Haddock & Chips	1 pc	13.48
Haddock & Chips	2 pc	21.97
Halibut & Chips	1 pc	10.98
Halibut & Chips	2 pc	28.97
Salmon & Chips	1 pc	14.98
Salmon & Chips	2 pc	24.97
Prawns & Chips	(10)	15.98
Oysters & Chips	(6)	25.99
Oyster Burger		11.49
Halibut Burger		11.39
Salmon Burger		9.99
Haddock Burger		9.49
Cod Burger		8.99
Chicken Strips & Chips	adult 5 strips	14.99
Chicken Strips & Chips	child 3 strips	10.49
Chicken Strips & Caesar	5 strips	16.99

Enhance Your Meal

With A C-Lovers Add-On for only

\$3.99

Prawns
Add 4 to any meal.

or

Deep Fried Pickles
Add 3 to any meal.

or

Onion Rings
Add 4 to any meal.

SIDE ORDERS

Cod	1 pc
Haddock	1 pc
Halibut	1 pc
Salmon	1 pc
Hand-Cut Chips	
C-Lovers Tartar	
Gravy	
Gravy	
Coleslaw	
Coleslaw	
Mushy Peas	
Caesar Salad	
C-Food Chowder	
C-Food Chowder	
C-Dog deep fried battered beef	
Oysters Single	

APPETIZERS

Onion Rings (full order) (12)	10.99
Onion Rings (half order) (6)	5.99
Deep Fried Dill Pickles (6)	9.99
Side of Prawns (10)	12.49
Battered Mushrooms (12)	10.99
Popcorn Shrimp	10.99

BEVERAGES

59ml. Pop	2.29
2L Pop	2.99

Helpful Hints To Our "C-Lovers"

After the long drive home, our delicious and crispy hand-cut chips may leave you with a little to do to put them under the best of circumstances and miraculously the zip is yours to yourself "THAT WAS WORTH IT"

C-You Next Time

Hours

www.C-Lovers.com

Prices Subject To Change Without Notice. All Prices Excepted

FAMILY PACKS

No Substitutions

6-COD 59.99 3 Chips 1 Large Coleslaw 1 C-Lovers Tartar Sauce	8-COD 4 Chips 1 Large Coleslaw 1 C-Lovers Tartar Sauce
10-COD 100.99 5 Chips 2 Large Coleslaws 2 C-Lovers Tartar Sauces	12-COD 5 Chips 2 Large Coleslaws 2 C-Lovers Tartar Sauces
6-HADDOCK 61.99 3 Chips 1 Large Coleslaw 1 C-Lovers Tartar Sauce	8-HADDOCK 4 Chips 1 Large Coleslaw 1 C-Lovers Tartar Sauce
10-HADDOCK 104.99 5 Chips 2 Large Coleslaws 2 C-Lovers Tartar Sauces	12-HADDOCK 5 Chips 2 Large Coleslaws 2 C-Lovers Tartar Sauces
6-HALIBUT 80.19 3 Chips 1 Large Coleslaw 1 C-Lovers Tartar Sauce	8-HALIBUT 4 Chips 1 Large Coleslaw 1 C-Lovers Tartar Sauce
10-HALIBUT 130.99 5 Chips 2 Large Coleslaws 2 C-Lovers Tartar Sauces	12-HALIBUT 5 Chips 2 Large Coleslaws 2 C-Lovers Tartar Sauces

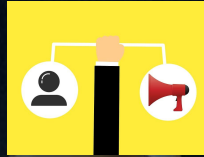
THE TAKE OUT SPECIAL

2 Pounds Lightly Battered Alaskan Pollock 3 Orders Of Chips 1 Large Coleslaw 1 2L Pepsi Product	\$46.99 Feeds 4 Adults
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www.C-Lovers.com

Prices Subject To Change Without Notice. All Prices Excepted

Our Process- ERD

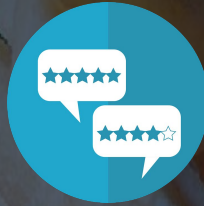


Employee Related

- Shift
- Clock in & out
- Tips

Supplier Related

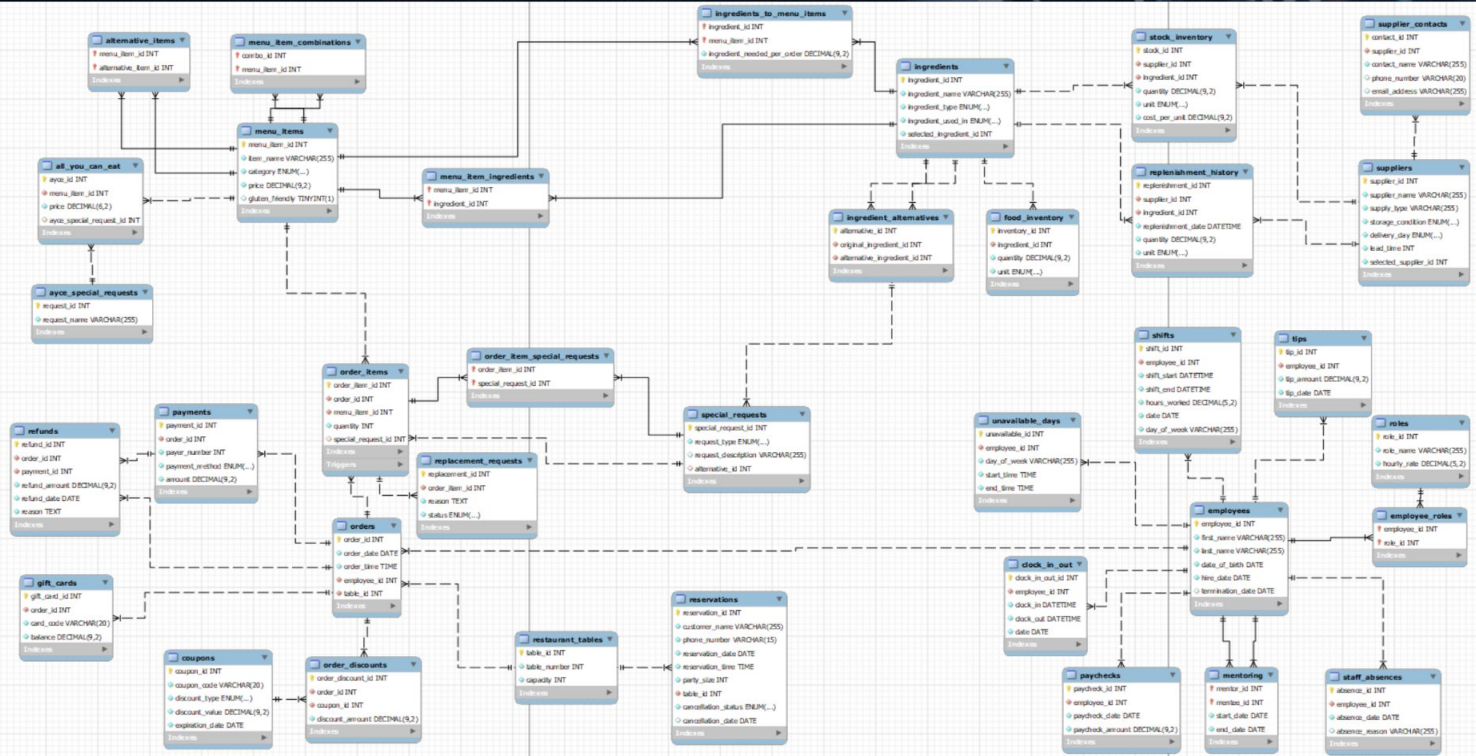
- Inventory
- Ingredient
- Supplier information



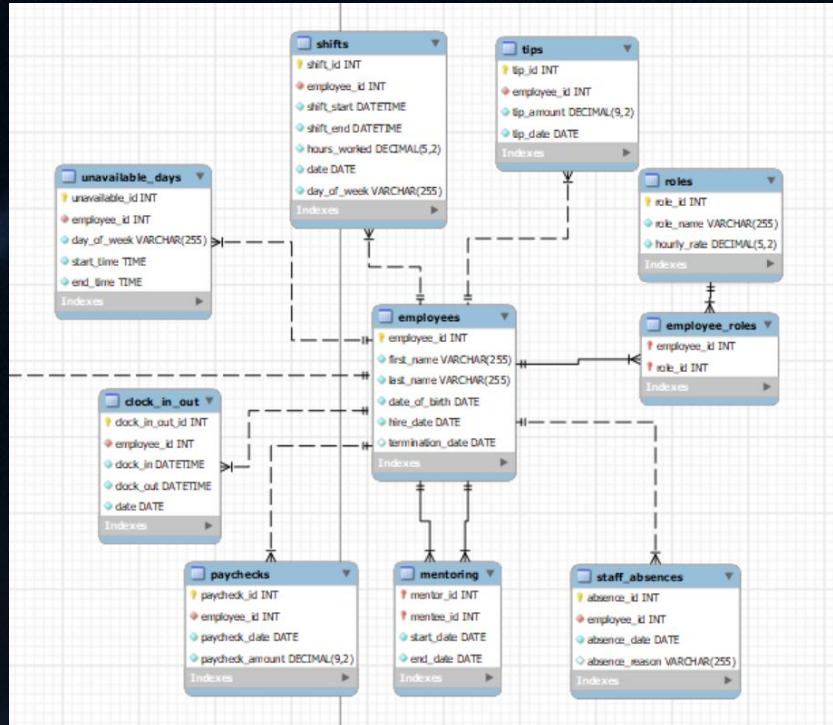
Order Related

- Menu
- Order
- Payment

Full ERD



ERD-Employee Related



Employees

- ❖ Employee ID
- ❖ Name

Employee work schedule

- ❖ Unavailable days
- ❖ Shifts
- ❖ Clock in & out

Roles

- ❖ Employee roles is the junction between Roles and Employees
- ❖ Manager, Assistant manager, Dishwasher....

Mentoring

- ❖ mentor-mentee relationships among employees

Paycheck & Tips

- ❖ Reasonable amounts to pay employee and customers to tip

ERD-Supplier Related

Suppliers

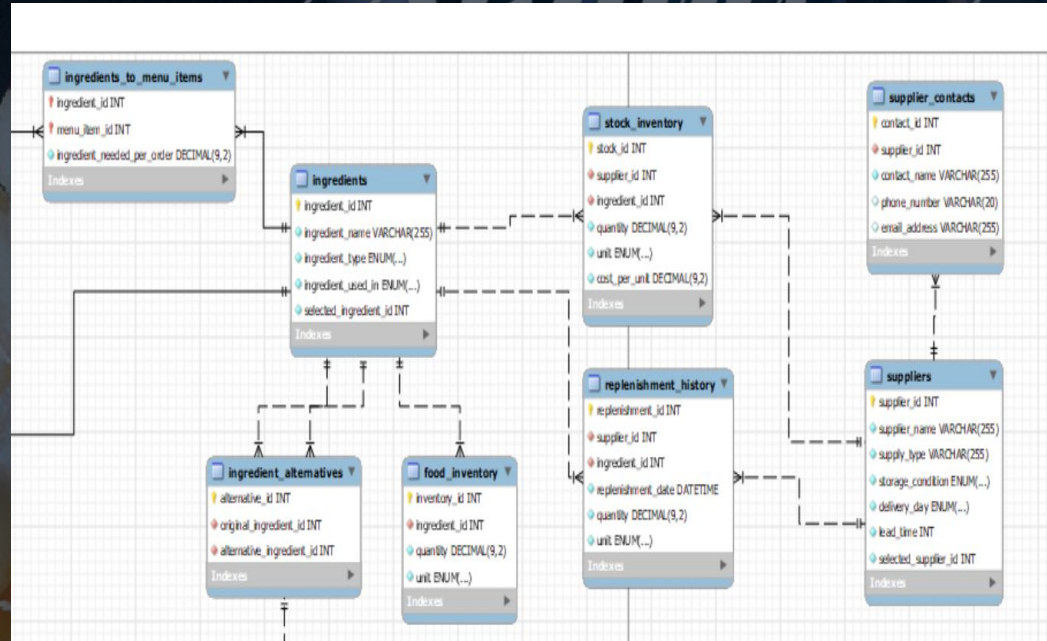
- ❖ Supplier contact information

Inventory

- ❖ Replenishment history is the junction between suppliers and ingredients
- ❖ Stock inventory – connect with ingredient to purchase from suppliers

Ingredients

- ❖ Food inventory – stored food with ingredient description
- ❖ Ingredients as a bridge to connect with menu, order and inventory



ERD-Order Related

Menu Items

- ❖ All you can eat
- ❖ Combine menu with Dine in & Take out
- ❖ Special request
- ❖ Food ingredients check

Check Menu

Orders and Reservations

- ❖ Make Reservation – restaurant table
- ❖ Replacement - if you feel uncomfortable with the order

Make Order

ERD-Order Related (Menu)

Menu items

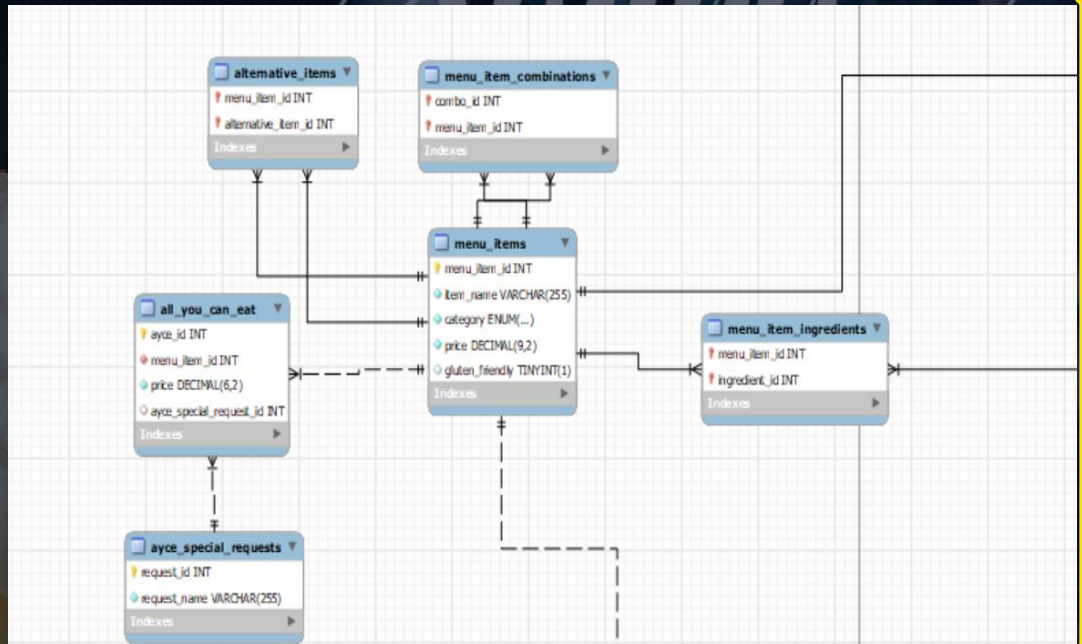
- ❖ All food lists with price, category, name, ingredients
- ❖ Menu item ingredients is the junction for checking food ingredients

All you can eat

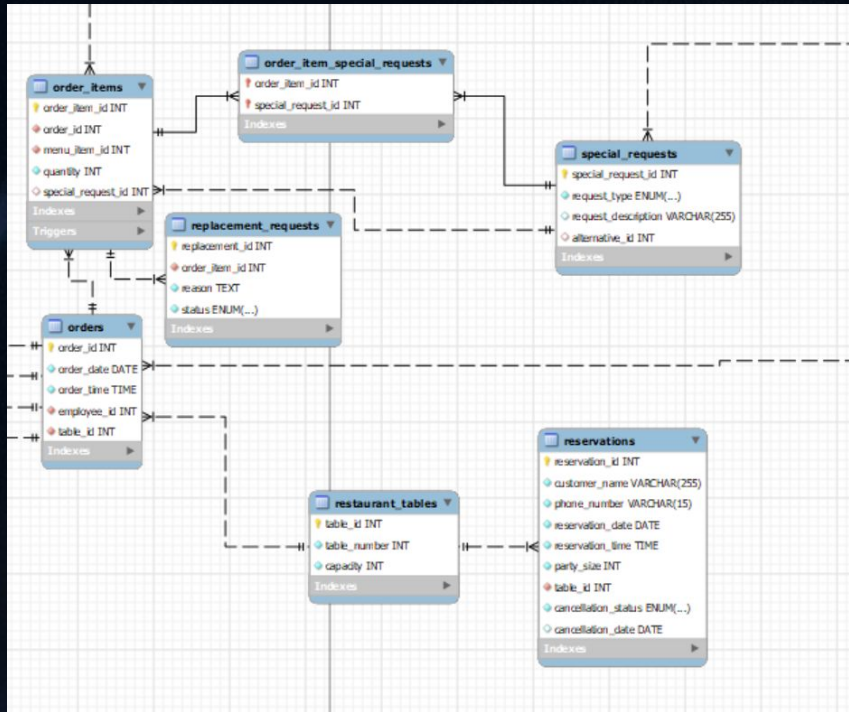
- ❖ Ayce special requests – customer can ask special add such as allergic or Can I have a side salad instead of fries?

Alternative items

- ❖ Change dishes before you eat



ERD-Order Related (Ordering)



Order

- ❖ Main table
- ❖ Aim to help employee collect orders

Order items

- ❖ Customer select items from menu

Special requests

- ❖ Customer request change menu items
- ❖ Do pre-check from food/ stock inventory through special request id

Replacement requests

- ❖ After make order, customer use order id to change the dishes.
- ❖ Ex. 'Steak cooked too rare'

Reservations

- ❖ Customer provide personal information for table
- ❖ Able to cancel reservation anytime

ERD-Order Related (Payment)

Payments

- ❖ Each order able to combine different payment method and discount

Gift cards

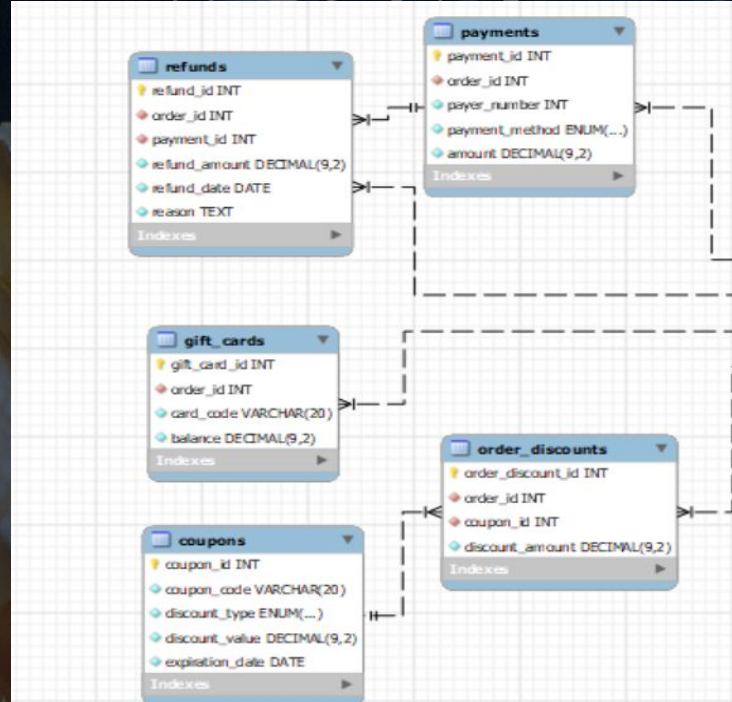
- ❖ Customer use unique card code to make payment

Coupons

- ❖ Issued for a limited time
- ❖ Unique code

Refunds

- ❖ Accept refund request with order id, payment id and reason
- ❖ Refunds will only be made to the same payment method



Use Case - Customer orders

Make reservation (if needed)

Customer walk in and check menu before make order



Check menu



Make order

Make payment/refund

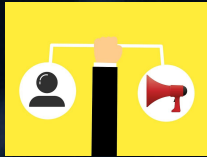


Use coupon/gift card/ask refund

Make order according to personal preference

1

Use Case - In Depth



Check Menu



Make Order



Make payment/refund

- ❖ Make **reservation (optional)**
- ❖ Employee will show the **list of menu**
- ❖ Customer select items from menu
- ❖ Add a new **order with id**
- ❖ Add **order items**
- ❖ Add special requests (if customer need)
- ❖ Link **special requests to order items**
- ❖ Calculate the **order total** (subtotal)
 - We're placing an order for two menu items
- ❖ Apply the discount from the **coupon** (if any)
 - then applying a coupon for \$5.00 off and a gift card for \$10.00.
- ❖ Record the **payment method and amount**
 - The final payment is made with the gift card
- ❖ Display the **final amount** to be paid by the customer
- ❖ Update the **gift card balance** if used
- ❖ Display the updated gift card balance
 - So the remaining balance for gift card is \$2.50.
- ❖ Record any **tips** for the employee
- ❖ Display the tip amount
- ❖ For **refunds**, add a step to create a refund record after the payment step
- ❖ Record a refund (if necessary)



Thank you!

- Group 13 -
Top of The Class



Q&A

.HELLO.
Spring