Workshop: Finding Objects, then classes, then model
INTER BYTE

Project members:

- RONY STIVEN CEDEÑO MONTOYA
- DAVID GUSTAVO CEPEDA SALGUERO
- MATEO GABRIEL CRIOLLO LLUMIQUINGA
- BRAYAN SEBASTIAN CRIOLLO VEGA

Objects	Yes (✓)	No (X)
1.- Food	✓	
2.- Menu	✓	
3.- Restaurant		X
4.- Program		X
5.- Records		X
6.- Customers	✓	
7.- Time	✓	
8.- ID Order		X
9.- Address		X
10.-Ability		X
11.- Data	✓	
12.- Access		X
13.- Matter		X
14.- Industry		X
15.-Option		X
16.- Points		X
17.- Comments		X
18.- Reviews	✓	
19.- Friends		X
20.- Conversation		X
21.- Application		X

22.- Market		**X**
23.- Reservation	✓	
24.- Service		**X**
25.- Total	✓	
26. Chef	✓	
27. Management	✓	

Objects	Attributes	Methods
1.- Food	- typesOfFood : Food[] - foodCost : double - foodName : Char - flavorOfFood : Char	- describe(Provides information about the food, such as its type, name, and flavor) - prepare() - serve()
2.- Menú	- burguerProducts : String - wingProducts : String - wingCategories : String - maxPrice : float - drinkProducts : String - drinkCategories : String	- addBurguer() - addWing() - calculateAveragePrice() - removeBurguer() - removeWing() - addDrinkProduct() - removeDrinkProduct() - getProductsByCategory()
3.- Customer	- customerID : int - name : String - email : String - address : String - phoneNumber : long int	- createAccount() - updateProfile() - login() - makeReservation() - cancelReservation()
4.- Time	- waitTimeOnMinutes: int - preparationTimeOnMinutes: int - restaurantOpeningTime: float - restaurantClosingTime: float - hourOrder : float - hourDelivery : float	- itsOpen(check if the restaurant is open at a specific time) - calculateWaitingTime (calculate the estimated waiting time for customers) - orderDeliveryTime (records the delivery time of the order)
5.- Data	- customerDataBase : String - orderRegistration :	- addClient() - updateMenu() - registerOrder()

	float • newMenu : String • customer : String • nameCustomer : String • menu : String • foodName: String	
6.-Reviews	• reviewID : int • restaurantID: int • customerID : int • rating : int • comments : String	• addReview() • editReview() • deleteReview()
7.- Reservation	• reservationID : int • dateTime : Date • numberOfPeople : int • customerList : Customer[] • reservedMenu : Reservation[]	• addCustomer(Customer customer) • removeCustomer(Customer customer) • cancelReservation() • confirmReservation() • modifyReservation(DateTime newDateTime, int newNumberOfPeople) • sendReservationConfirmationEmail()
8.- Total	• totalAmount : float • taxAmount : float • discountAmount : float	• getTotalAmount() • getTaxAmount() • getDiscount()
9.- Management	• nameOfTheNewPlate : String • removePlate: String • customerName: String • customerEmail: String • phoneNumber: int • address : String	• managingCutomerOrders() • managingDishes() • modifyTheMenu() • addDishToMenu() • removeDishFromMenu() • editCustomerInformation() • editCustomerOrder()
10.- Chef	• id : int • name: String • timetableOnHours: int	• getID() • getName() • getChefTime() • addNoteToChef()