Order food in a restaurant

Things:

    Phone
        Data: Yelp, Zomato (Food ordering apps)

    Application
        Data: Name
        Behavior: Order delivery, Order takeout, Payment, cancel

    Restaurant
        Data: Name, Address, Phone
        Behavior: Open, Close

    Customer
        Data: Name
        Behavior: Search, Order, Payment

    Credit Card
        Data: Name, Card number, Expiry date, security number

    Credit Card Company
        Data: Name
        Behavior: Authorize Transaction

    Maps
        Data: Name
        Behavior: Location track, Order track

Sequence:

        Phone iphone
        Application yelp
        Restaurant pinkDoor
        Customer james
        creditCard card
        creditCardCompany visa
        Maps googleMaps
        orderSuccessful response

If iphone.hasInternetConnection
      james.openAppSuccessfull → yelp
      yelp = application
      If first time
            james.createAccount → james, emailID: yelp
            james.addCreditCard → visa, card
      end
      Loop
            james.searchRestaurants → location, price, delivery option:
                                        restaurants
            if james.desiredRestaurantFound
                pinkDoor = restaurant
                james.exploreMenu → food,beverages
                Loop
                    james.addFoodItemsToCart
                    If james.selectedAllFoodItems
                        james.viewCartAndConfirm
                        james.provideDeliveryAddress
                        james.selectPaymentOption
                        If not cash on delivery
                            james.makeCreditCardPayment
                        end
                        response = orderSuccessful
                        james.trackOrder → googleMaps
                        break

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                    end
            end
            break
        end
        If james.exitApp
            james.exitApp
            break
        end
    end
else
    iphone.noInternetTryLater
end
```