



# **UML Diagram Worksheet**

**Bryan Cash**

**01/18/2015**

**DPW**

# Family Dinner

## Store

store\_name  
store\_location  
store\_type

enter()  
buy\_food()  
leave()

## Food

food\_type  
brand\_name  
food\_location

check\_date()  
check\_condition()  
compare\_brands()

## Meal

number\_of\_food\_items  
meal\_name  
cooking\_utinsels

prepare()  
cook()  
set\_meal\_on\_table()

## Family

name  
is\_hungry\_for  
number\_of\_members

set\_table()  
eat()  
do\_dishes()

# Vacation

## Flight

flight\_cost  
flight\_time  
boarding\_location  
destination

check\_in()  
board\_flight()  
fly()  
exit\_flight()

## Hotel

hotel\_name  
hotel\_location  
hotel\_cost

enter\_hotel()  
check\_in()  
check\_out()

## RentalCar

car\_model  
car\_mpg  
car\_color

pick-up\_car()  
put\_gas\_in\_car()  
drive()  
return\_car()

## Attraction

attraction\_name  
attraction\_location  
attraction\_cost

buy\_tickets()  
enter\_attraction()  
leave\_attraction()

# Music Industry

## RecordLabel

label\_type  
label\_location  
label\_name

sign\_bands()  
promote\_bands()  
support\_bands()

## Band

band\_name  
band\_type  
number\_of\_members

write\_music()  
record\_music()  
perform\_music()

## BandMembers

name  
age  
home\_town  
instrument

play\_instrument()  
sign\_autographs()  
load\_equipment()  
unload\_equipment()  
setup\_equipment()

## Distribution

company\_name  
company\_location  
distribution\_region

contact\_retail\_locations()  
distribute\_album()  
distribute\_merch()