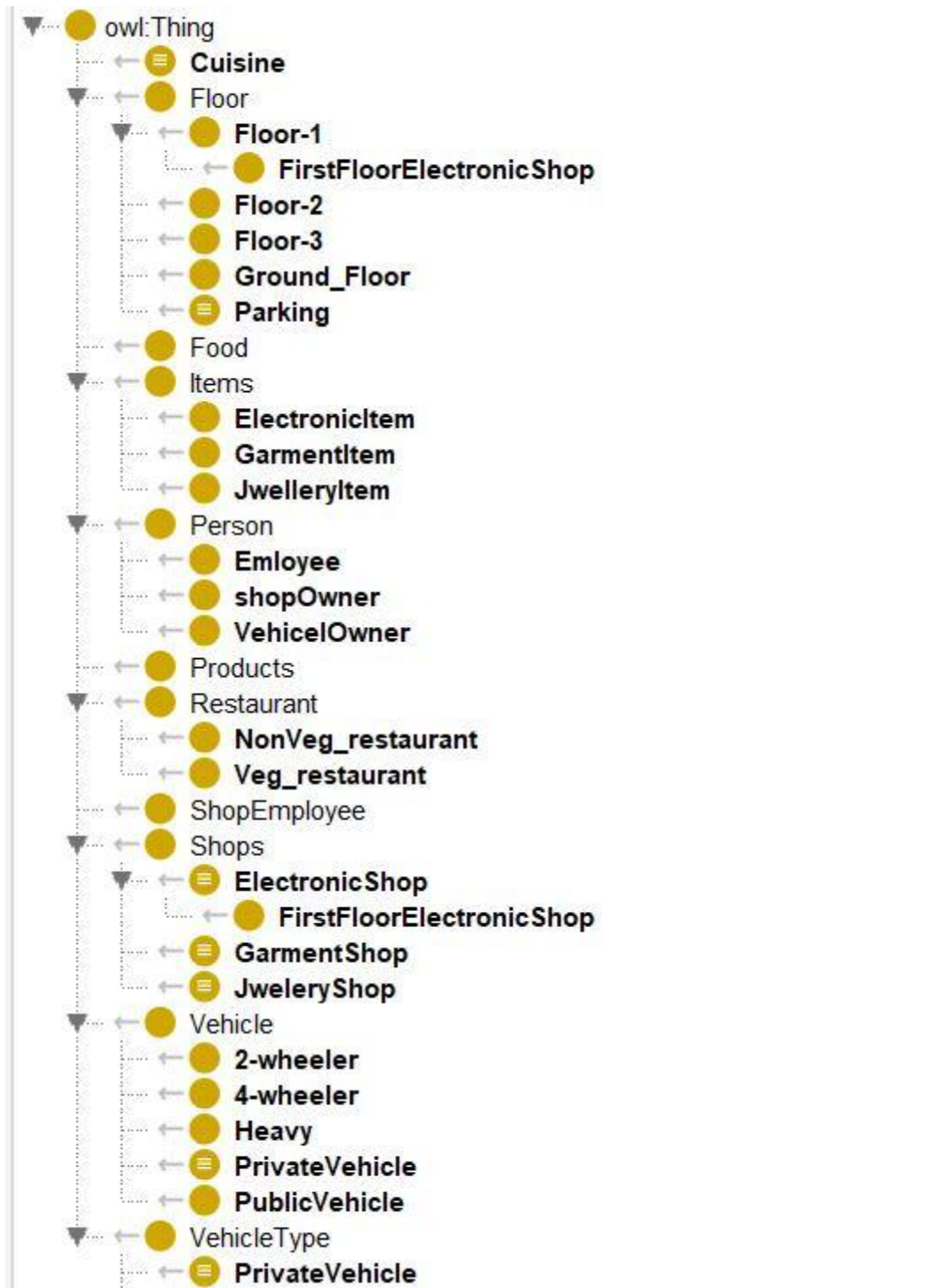
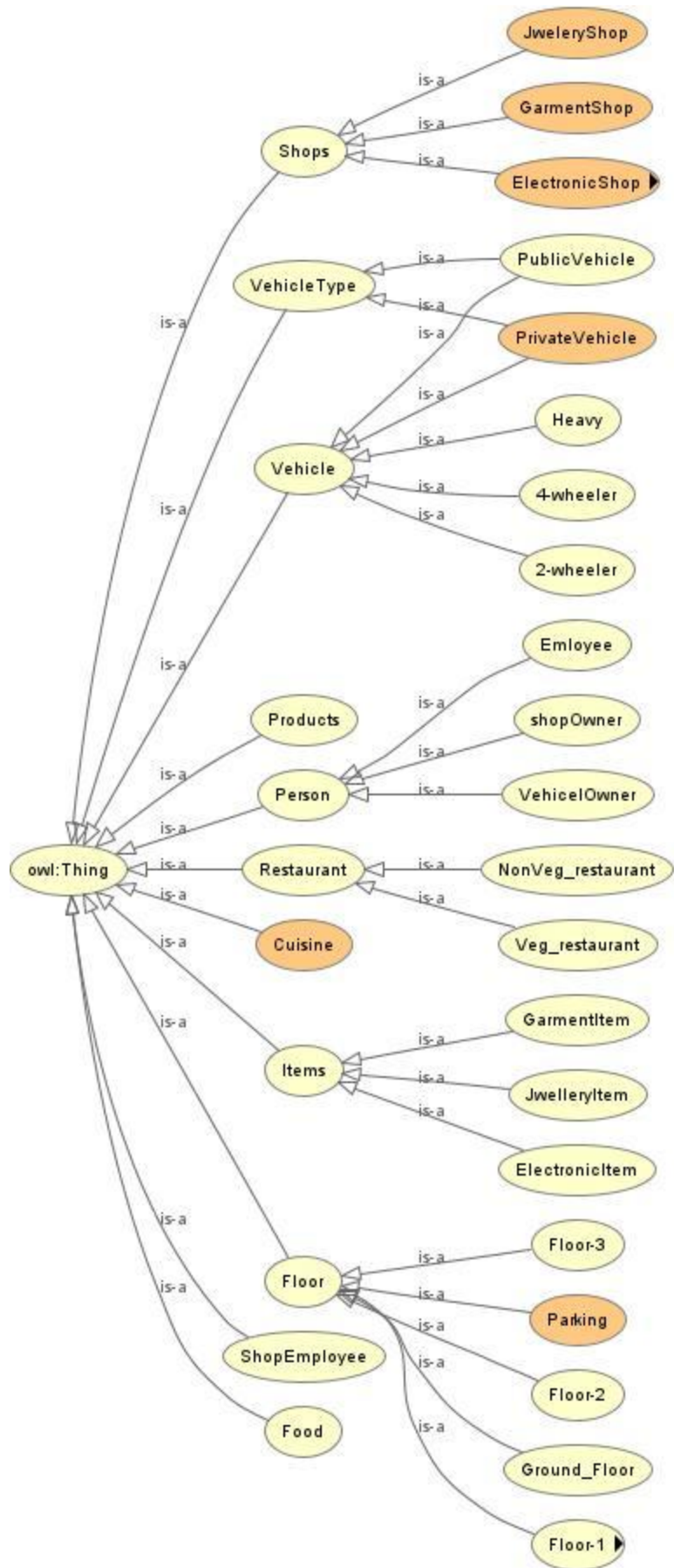


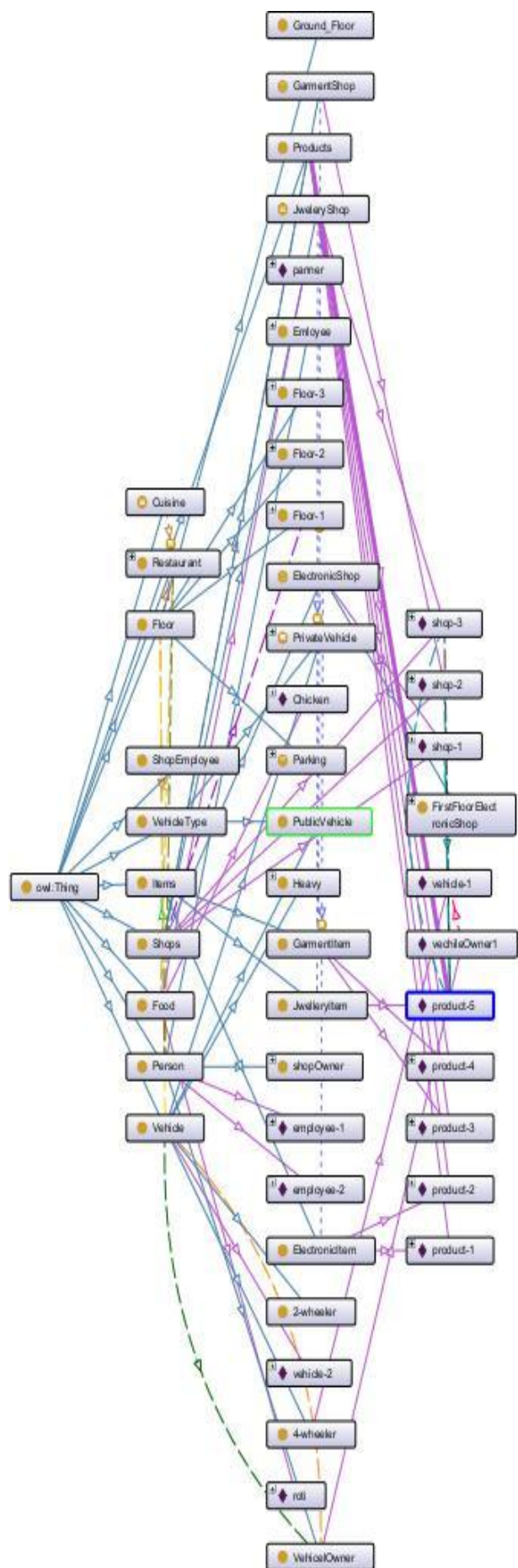
Assignment 3

Group 14

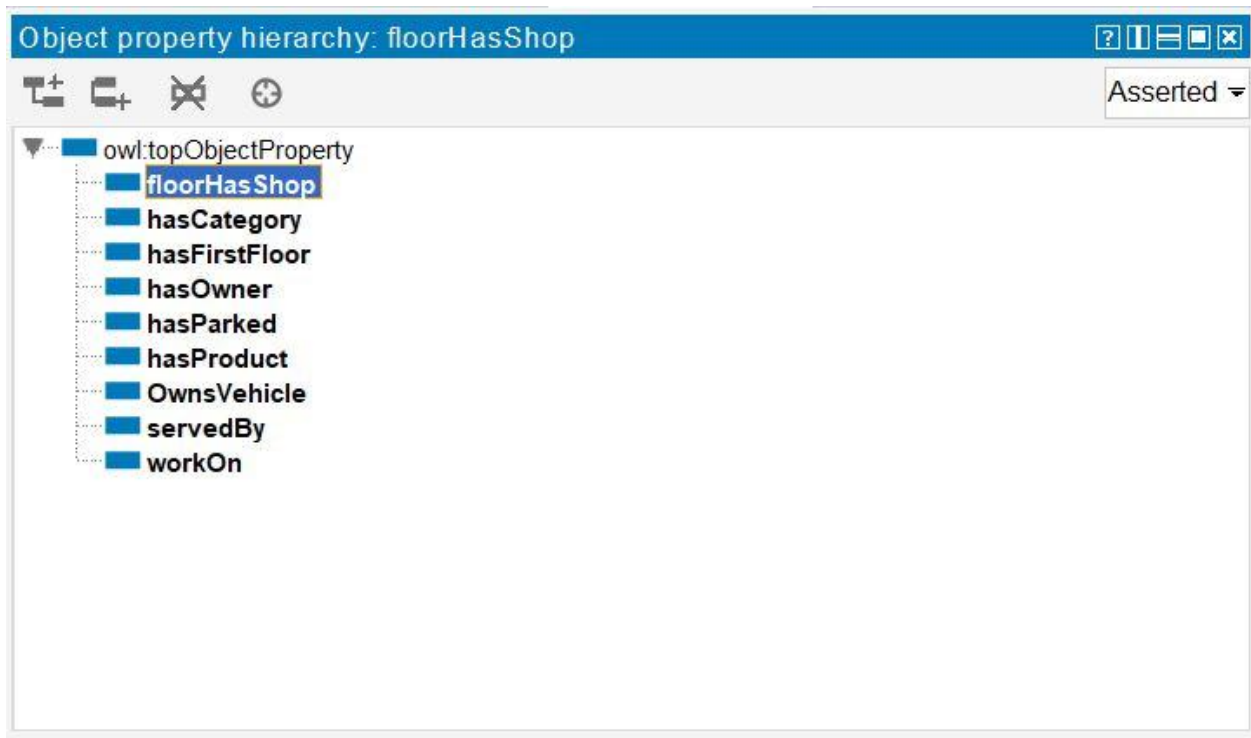
This diagram represents the hierarchical structure of classes. The top class is Thing and further are the subclasses like food, product, etc and their subclasses.












Object Properties : Denotes the relationship between the Domain and Range which are the classes itself



Characteristics:     

☐ Functional

☐ Inverse functional






☐ Transitive


☐ Symmetric


☐ Asymmetric


☐ Reflexive


☐ Irreflexive


Description: floorHasShop    





Equivalent To 


SubProperty Of 


Inverse Of 


Domains (Intersection) 





 Floor





   


Ranges (Intersection) 


 Shops

 Restaurant

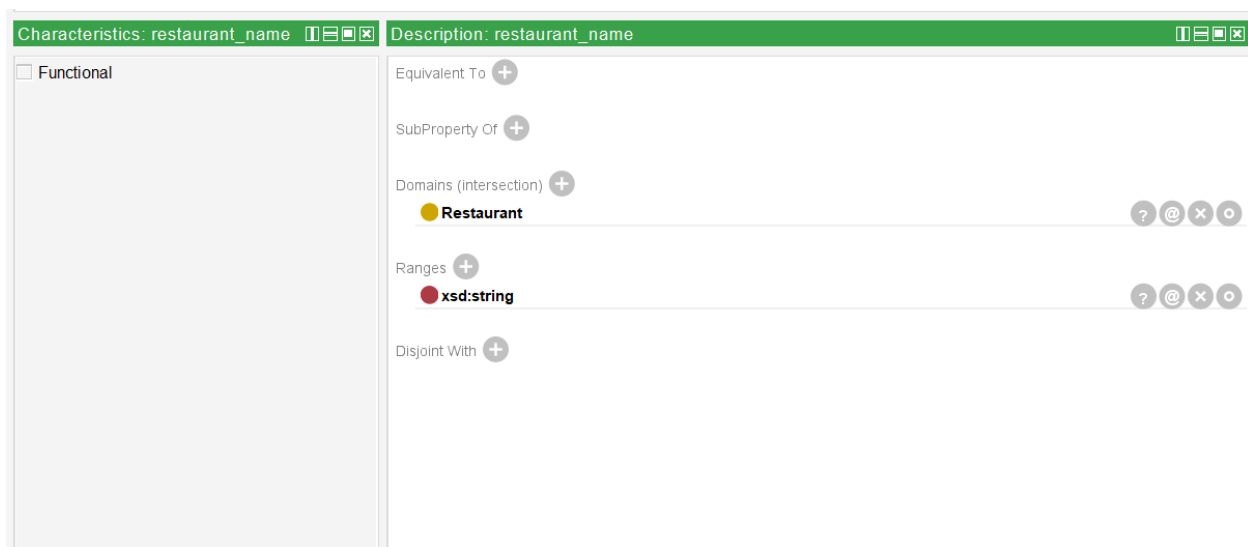
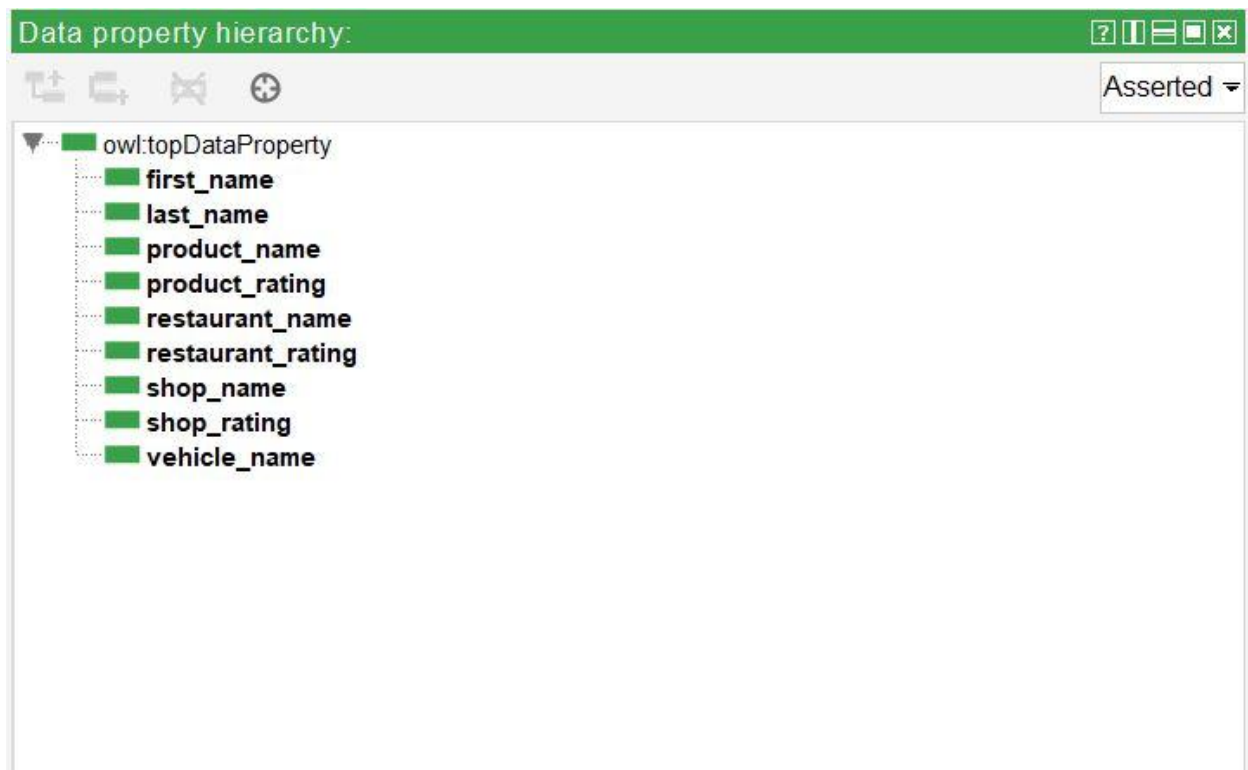
   

Disjoint With 

SuperProperty Of (Chain) 

Following are the data properties .



VOWL diagram of Ontology

