

Bangla71 Ontology Code

```
<?xml version="1.0"?>
<rdf:RDF xmlns="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/"
  xml:base="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:ibs="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:xml="http://www.w3.org/XML/1998/namespace"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#">
  <owl:Ontology rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/">
    <dc:creator>Ibtida & Syed</dc:creator>
  </owl:Ontology>
```

```
<!--
////////////////////////////////////
//
// Annotation properties
//
////////////////////////////////////
-->
```

```
<!-- http://purl.org/dc/elements/1.1/creator -->
```

```
<owl:AnnotationProperty rdf:about="http://purl.org/dc/elements/1.1/creator"/>
```

```
<!--
////////////////////////////////////
//
// Object Properties
//
////////////////////////////////////
-->
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasPizza -->

```
<owl:ObjectProperty
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasPizza">
  <owl:inverseOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isServedAt"/>
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#FunctionalProperty"/>
  <rdfs:domain
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:range rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
  <rdfs:comment>Property which defines restaurant having pizza</rdfs:comment>
  <rdfs:label>has_Pizza</rdfs:label>
</owl:ObjectProperty>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasRestaurant -->

```
<owl:ObjectProperty
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasRestaurant">
  <owl:inverseOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt"/>
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#FunctionalProperty"/>
  <rdfs:domain rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <rdfs:range
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment>Properties that defines location having restaurant</rdfs:comment>
  <rdfs:label>has_Restaurant</rdfs:label>
</owl:ObjectProperty>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasTopping -->

```
<owl:ObjectProperty
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasTopping">
  <owl:inverseOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isToppingof"/>
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#FunctionalProperty"/>
  <rdfs:domain rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
  <rdfs:range
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
```

```
<rdfs:comment>Defines pizza having toppings and types</rdfs:comment>
<rdfs:label>has_Topping</rdfs:label>
</owl:ObjectProperty>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt -->
```

```
<owl:ObjectProperty
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt">
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#TransitiveProperty"/>
  <rdfs:domain
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:range rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <rdfs:comment>Defines the place and the location</rdfs:comment>
  <rdfs:label>is_Located_At</rdfs:label>
</owl:ObjectProperty>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isServedAt -->
```

```
<owl:ObjectProperty
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isServedAt">
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#InverseFunctionalProperty"/>
  <rdfs:domain rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
  <rdfs:range
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment>Defines the place where the food is served at</rdfs:comment>
  <rdfs:label>is_Served_At</rdfs:label>
</owl:ObjectProperty>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isToppingof -->
```

```
<owl:ObjectProperty
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isToppingof">
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#FunctionalProperty"/>
  <rdfs:domain
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
  <rdfs:range rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
  <rdfs:comment>Name of the pizza with the topping</rdfs:comment>
  <rdfs:label>is_Topping_of</rdfs:label>
```

</owl:ObjectProperty>

```
<!--  
/////////////////////////////////////  
//  
// Data properties  
//  
/////////////////////////////////////  
-->
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasAddress -->

```
<owl:DatatypeProperty  
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasAddress">  
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#FunctionalProperty"/>  
  <rdfs:domain  
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>  
    <rdfs:range rdf:resource="http://www.w3.org/2000/01/rdf-schema#Literal"/>  
    <rdfs:comment>Address of the restaurant</rdfs:comment>  
    <rdfs:label>has_Address</rdfs:label>  
</owl:DatatypeProperty>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasPostCode -->

```
<owl:DatatypeProperty  
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasPostCode">  
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#FunctionalProperty"/>  
  <rdfs:domain  
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>  
    <rdfs:range rdf:resource="http://www.w3.org/2000/01/rdf-schema#Literal"/>  
    <rdfs:comment>Post code of the location</rdfs:comment>  
    <rdfs:label>has_Post_Code</rdfs:label>  
</owl:DatatypeProperty>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasPrice -->

```

<owl:DatatypeProperty
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasPrice">
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#FunctionalProperty"/>
  <rdfs:domain rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
  <rdfs:range rdf:resource="http://www.w3.org/2001/XMLSchema#float"/>
  <rdfs:comment>Price is in USD</rdfs:comment>
  <rdfs:label>has_Price</rdfs:label>
</owl:DatatypeProperty>

```

```

<!--
////////////////////////////////////
//
// Classes
//
////////////////////////////////////
-->

```

```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/AmericanRestaurant -->

```

```

<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/AmericanRestaurant">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment xml:lang="en">Restaurant which mainly serves American
foods</rdfs:comment>
  <rdfs:label xml:lang="en">American_Restaurant</rdfs:label>
</owl:Class>

```

```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/AsianRestaurant -->

```

```

<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/AsianRestaurant">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment xml:lang="en">Restaurant which mainly serves Asian
foods</rdfs:comment>

```

```
<rdfs:label xml:lang="en">Asian_Restaurant</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangla_Food -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangla_Food">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment xml:lang="en">Restaurant serves lbtida and Syed's countries
food</rdfs:comment>
  <rdfs:label xml:lang="en">Bangla_Food</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/BreakfastSpot -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/BreakfastSpot">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment xml:lang="en">Restaurant which mainly serves breakfast</rdfs:comment>
  <rdfs:label xml:lang="en">Breakfast_Spot</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/BurgerJoint -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/BurgerJoint">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment xml:lang="en">Restaurant which mainly serves burgers</rdfs:comment>
  <rdfs:label xml:lang="en">Burger_Joint</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheesePizza -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheesePizza">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
```

```

    <rdfs:subClassOf>
      <owl:Restriction>
        <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasTopping"/>
          <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheeseTopping"/>
            </owl:Restriction>
          </rdfs:subClassOf>
        <rdfs:comment xml:lang="en">Pizza where main ingredient is cheese</rdfs:comment>
        <rdfs:label xml:lang="en">Cheese_Pizza</rdfs:label>
      </owl:Class>

```

```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheeseTopping -->

```

```

<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheeseTopping">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
    <rdfs:comment xml:lang="en">Food toppings where cheese is the main
ingredient</rdfs:comment>
    <rdfs:label xml:lang="en">Cheese_Topping</rdfs:label>
  </owl:Class>

```

```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City -->

```

```

<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City">
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt"/>
        <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Country"/>
          </owl:Restriction>
        </rdfs:subClassOf>
      <rdfs:subClassOf>
        <owl:Restriction>
          <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt"/>
            <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State"/>

```

```
</owl:Restriction>
</rdfs:subClassOf>
<rdfs:comment xml:lang="en">A large town</rdfs:comment>
<rdfs:label xml:lang="en">City</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CoffeeShop -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CoffeeShop">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment xml:lang="en">Restaurant which mainly serves coffee</rdfs:comment>
  <rdfs:label xml:lang="en">Coffee_Shop</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Country -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Country">
  <rdfs:comment xml:lang="en">Place which has its own law and
regulations</rdfs:comment>
  <rdfs:label xml:lang="en">Country</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/ItalianRestaurant -->
```

```
<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/ItalianRestaurant">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment xml:lang="en">Restaurant which mainly serves Italian
foods</rdfs:comment>
  <rdfs:label xml:lang="en">Italian_Restaurant</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatPizza -->
```



```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatPizza">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasTopping"/>
      <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatTopping"/>
    </owl:Restriction>
  </rdfs:subClassOf>
  <rdfs:comment xml:lang="en">Pizza where main ingredient is meat</rdfs:comment>
  <rdfs:label xml:lang="en">Meat_Pizza</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatTopping -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatTopping">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
  <rdfs:comment xml:lang="en">Food toppings where meat is the main
ingredient</rdfs:comment>
  <rdfs:label xml:lang="en">Meat_Topping</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MediterraneanRestaurant -->
```

```
<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MediterraneanRestaurant">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
  <rdfs:comment xml:lang="en">Restaurant which mainly serves Mediterranean
foods</rdfs:comment>
  <rdfs:label xml:lang="en">Mediterranean_Restaurant</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MexicanRestaurant -->
```

```
<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MexicanRestaurant">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
    <rdfs:comment xml:lang="en">Restaurant which mainly serves Mexican
foods</rdfs:comment>
    <rdfs:label xml:lang="en">Mexican_Restaurant</rdfs:label>
  </owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza">
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasTopping"/>
        <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
          </owl:Restriction>
    </rdfs:subClassOf>
    <rdfs:subClassOf>
      <owl:Restriction>
        <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isServedAt"/>
          <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
            </owl:Restriction>
      </rdfs:subClassOf>
      <rdfs:subClassOf>
        <owl:Restriction>
          <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasPrice"/>
            <owl:someValuesFrom rdf:resource="http://www.w3.org/2001/XMLSchema#float"/>
              </owl:Restriction>
        </rdfs:subClassOf>
        <owl:disjointWith
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
          <rdfs:comment xml:lang="en">An italian dish</rdfs:comment>
          <rdfs:label xml:lang="en">Pizza</rdfs:label>
        </owl:Class>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_place -->

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_place">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
    <rdfs:comment xml:lang="en">Restaurant which mainly serves Pizzas</rdfs:comment>
    <rdfs:label xml:lang="en">Pizza_Place</rdfs:label>
</owl:Class>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pub -->

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pub">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
    <rdfs:comment xml:lang="en">Restaurant which mainly serves foods and
drinks</rdfs:comment>
    <rdfs:label xml:lang="en">Pub</rdfs:label>
</owl:Class>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant -->

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant">
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasPizza"/>
        <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
          </owl:Restriction>
    </rdfs:subClassOf>
    <rdfs:subClassOf>
      <owl:Restriction>
        <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt"/>
          <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
            </owl:Restriction>
    </rdfs:subClassOf>
    <rdfs:subClassOf>
```

```

    <owl:Restriction>
      <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt"/>
      <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Country"/>
    </owl:Restriction>
  </rdfs:subClassOf>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt"/>
      <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State"/>
    </owl:Restriction>
  </rdfs:subClassOf>
  <rdfs:comment xml:lang="en">Place where people goes to eat food</rdfs:comment>
  <rdfs:label xml:lang="en">Restaurant</rdfs:label>
</owl:Class>

```

```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SeafoodPizza -->

```

```

<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SeafoodPizza">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
  <rdfs:subClassOf>
    <owl:Restriction>
      <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasTopping"/>
      <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SeafoodTopping"/>
    </owl:Restriction>
  </rdfs:subClassOf>
  <rdfs:comment xml:lang="en">Pizza where main ingredient seafood</rdfs:comment>
  <rdfs:label xml:lang="en">Seafood_Pizza</rdfs:label>
</owl:Class>

```

```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SeafoodTopping -->

```

```

<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SeafoodTopping">

```

```
<rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
  <rdfs:comment xml:lang="en">Food toppings where seafood is the main
ingredient</rdfs:comment>
  <rdfs:label xml:lang="en">Seafood_Topping</rdfs:label>
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
    <rdfs:subClassOf>
      <owl:Restriction>
        <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasTopping"/>
          <owl:someValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Topping"/>
            </owl:Restriction>
          </rdfs:subClassOf>
        <rdfs:comment xml:lang="en">Pizza where main ingredient is special
items</rdfs:comment>
        <rdfs:label xml:lang="en">Special_Pizza</rdfs:label>
      </owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Topping -->
```

```
<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Topping">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
    </owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SportsBar -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SportsBar">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>
```

```
    <rdfs:comment xml:lang="en">Restaurant which mainly serves foods and drinks and sports  
are televised</rdfs:comment>  
    <rdfs:label xml:lang="en">Sports_Bar</rdfs:label>  
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State">  
  <rdfs:subClassOf>  
    <owl:Restriction>  
      <owl:onProperty  
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/isLocatedAt"/>  
      <owl:someValuesFrom  
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Country"/>  
    </owl:Restriction>  
  </rdfs:subClassOf>  
  <rdfs:comment xml:lang="en">Place in a country</rdfs:comment>  
  <rdfs:label xml:lang="en">State</rdfs:label>  
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping">  
  <rdfs:comment xml:lang="en">Ingredients used on top of foods</rdfs:comment>  
  <rdfs:label xml:lang="en">Topping</rdfs:label>  
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/University -->
```

```
<owl:Class rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/University">  
  <rdfs:subClassOf  
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Restaurant"/>  
  <rdfs:comment xml:lang="en">Place people goes to study</rdfs:comment>  
  <rdfs:label xml:lang="en">University</rdfs:label>  
</owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianPizza -->
```

```
<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianPizza">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza"/>
    <rdfs:subClassOf>
      <owl:Restriction>
        <owl:onProperty
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/hasTopping"/>
          <owl:allValuesFrom
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianTopping"/>
            </owl:Restriction>
          </rdfs:subClassOf>
        <rdfs:comment xml:lang="en">Pizza where main ingredient is vegetables</rdfs:comment>
        <rdfs:label xml:lang="en">Vegetarian_Pizza</rdfs:label>
      </owl:Class>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianTopping -->
```

```
<owl:Class
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianTopping">
  <rdfs:subClassOf
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Topping"/>
    <rdfs:comment xml:lang="en">Food toppings where vegetables is the main
ingredient</rdfs:comment>
    <rdfs:label xml:lang="en">Vegetarian_Topping</rdfs:label>
  </owl:Class>
```

```
<!--
////////////////////////////////////
//
// Individuals
//
////////////////////////////////////
-->
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangla_Pizza -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangla_Pizza">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Ibtida_Syed_Restaurant"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">10.5</hasPrice>
  <rdfs:comment>Created pizza</rdfs:comment>
  <rdfs:label>Bangla_Pizza</rdfs:label>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangladesh -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangladesh">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Country"/>
  <rdfs:comment>Created Country</rdfs:comment>
  <rdfs:label>Bangladesh</rdfs:label>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bend -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bend">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <hasRestaurant
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Little_Pizza_Paradise"/>
  <isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Oregon"/>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bianca_Pizza -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bianca_Pizza">
```



```
<rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianPizza"/>
<isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Little_Pizza_Paradise"/>
<hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">22.5</hasPrice>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood">
<rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_place"/>
<hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Cheese_Pizza"/>
<hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Hawaiian_Pizza"/>
<hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Meat_Lover_Pizza"/>
<hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_Sub"/>
<hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Super_Pizza_Sub"/>
<hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Veggie_Pizza"/>
<isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Los_Angeles"/>
<hasAddress>5142 Hollywood Blvd</hasAddress>
<hasPostCode
rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">90027</hasPostCode>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Brigham_Young_University -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Brigham_Young_University">
<rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/University"/>
<hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/House_made_pizza"/>
```

```
    <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pepperoni_Pizza"/>
    <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_Bagel"/>
    <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Provo"/>
    <hasAddress>1 N University HI</hasAddress>
    <hasPostCode
rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">84602</hasPostCode>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/California -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/California">
    <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State"/>
    <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/USA"/>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Cheese_Pizza -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Cheese_Pizza">
    <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheesePizza"/>
    <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood"/>
    <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Little_Pizza_Paradise"/>
    <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Roadhouse_Cafe"/>
    <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">10.99</hasPrice>
    <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">18.95</hasPrice>
    <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">8.95</hasPrice>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Chicago -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Chicago">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <hasRestaurant
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Francesca's_on_Chestnut"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Illinois"/>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Create_your_own_pizza -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Create_your_own_pizza">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Lucky's_Pub"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">9.95</hasPrice>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Dhaka -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Dhaka">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <hasRestaurant
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Ibtida_Syed_Restaurant"/>
  <isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangladesh"/>
  <rdfs:comment>Created City</rdfs:comment>
  <rdfs:label>Dhaka</rdfs:label>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Hawaiian_Pizza -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Hawaiian_Pizza">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatPizza"/>
```

```
<isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">11.99</hasPrice>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/House_made_pizza -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/House_made_pizza">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Brigham_Young_University
"/>
  </owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Houston -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Houston">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <hasRestaurant
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Lucky&apos;s_Pub"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Texas"/>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Hyannis -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Hyannis">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <hasRestaurant
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Roadhouse_Cafe"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Maine"/>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Ibtida_Syed_Restaurant -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Ibtida_Syed_Restaurant">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangla_Food"/>
    <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bangla_Pizza"/>
      <isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Dhaka"/>
        <hasAddress>Gulshan</hasAddress>
        <hasPostCode
rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">1217</hasPostCode>
      </owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Illinois -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Illinois">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/USA"/>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Little_Pizza_Paradise -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Little_Pizza_Paradise">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_place"/>
    <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bianca_Pizza"/>
      <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Cheese_Pizza"/>
        <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bend"/>
        <hasAddress>Cascade Village Mall Across From Target</hasAddress>
        <hasPostCode
rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">97701</hasPostCode>
      </owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Los_Angeles -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Los_Angeles">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <hasRestaurant
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood"/>
  <hasRestaurant
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/The_Brentwood"/>
  <isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/California"/>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Maine -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Maine">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/USA"/>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Margherita_Pizza -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Margherita_Pizza">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheesePizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/The_Brentwood"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Francesca's_on_Chestnut"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">10.99</hasPrice>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">12</hasPrice>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Meat_Lover_Pizza -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Meat_Lover_Pizza">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatPizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">16.99</hasPrice>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Mushroom_Pizza -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Mushroom_Pizza">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianPizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/The_Brentwood"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">13</hasPrice>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Oregon -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Oregon">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/USA"/>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pepperoni_Pizza -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pepperoni_Pizza">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatPizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Brigham_Young_University
"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Roadhouse_Cafe"/>
```

```
<hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">10.95</hasPrice>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_Bagel -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_Bagel">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Brigham_Young_University
"/>
  </owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_Sub -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_Sub">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">5.99</hasPrice>
  </owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Provo -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Provo">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/City"/>
  <hasRestaurant
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Brigham_Young_University
"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Utah"/>
  </owl:NamedIndividual>
```


<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Puttanesca_Pizza -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Puttanesca_Pizza">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SeafoodPizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/The_Brentwood"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">13</hasPrice>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Roadhouse_Cafe -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Roadhouse_Cafe">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/AmericanRestaurant"/>
  <isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Hyannis"/>
  <hasAddress>478 South St</hasAddress>
  <hasPostCode
rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">2601</hasPostCode>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Salami_Piccante_Pizza -->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Salami_Piccante_Pizza">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatPizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/The_Brentwood"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">15</hasPrice>
</owl:NamedIndividual>
```

<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Schiacchiata_Alla_Toscana_Pizza
-->

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Schiacchiata_Alla_Toscana_Pizza">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Francesca's_on_Chestnut"/>
  </owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Super_Pizza_Sub -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Super_Pizza_Sub">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Special_Pizza"/>
  <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood"/>
  <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">5.99</hasPrice>
  </owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Texas -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Texas">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/USA"/>
  </owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/The_Brentwood -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/The_Brentwood">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/AmericanRestaurant"/>
  <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Margherita_Pizza"/>
```

```
<hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Mushroom_Pizza"/>
  <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Puttanesca_Pizza"/>
    <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Salami_Piccante_Pizza"/>
      <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/White_Truffle_Meat_Sauce_Pizza"/>
        <isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Los_Angeles"/>
          <hasAddress>148 S Barrington Ave</hasAddress>
          <hasPostCode
rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">90049</hasPostCode>
        </owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/USA -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/USA">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Country"/>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Utah -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Utah">
  <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/State"/>
  <isLocatedAt rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/USA"/>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Veggie_Pizza -->
```

```
<owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Veggie_Pizza">
  <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianPizza"/>
```

```
    <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Bravo_Pizza_Hollywood"/>
    <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#decimal">16.99</hasPrice>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/White_Truffle_Meat_Sauce_Pizza
-->
```

```
    <owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/White_Truffle_Meat_Sauce_Pi
zza">
    <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatPizza"/>
    <isServedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/The_Brentwood"/>
    <hasPrice rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">15</hasPrice>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Francesca's_on_Chestnut
-->
```

```
    <owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Francesca's_on_Chestn
ut">
    <rdf:type
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/ItalianRestaurant"/>
    <isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Chicago"/>
    <hasAddress>200 E Chestnut St</hasAddress>
    <hasPostCode
rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">60611</hasPostCode>
</owl:NamedIndividual>
```

```
<!-- http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Lucky's_Pub -->
```

```
    <owl:NamedIndividual
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Lucky's_Pub">
    <rdf:type rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pub"/>
```

```
    <hasPizza
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Create_your_own_pizza"/>
    <isLocatedAt
rdf:resource="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Houston"/>
    <hasAddress>801 Saint Emanuel St</hasAddress>
    <hasPostCode
rdf:datatype="http://www.w3.org/2001/XMLSchema#integer">77003</hasPostCode>
    </owl:NamedIndividual>
```

```
<!--
////////////////////////////////////
//
// General axioms
//
////////////////////////////////////
-->
```

```
<rdf:Description>
  <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#AllDisjointClasses"/>
  <owl:members rdf:parseType="Collection">
    <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/AmericanRestaurant"/>
      <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/AsianRestaurant"/>
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/BreakfastSpot"/>
          <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/BurgerJoint"/>
            <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CoffeeShop"/>
              <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/ItalianRestaurant"/>
                <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MediterraneanRestaurant"/>
                  <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MexicanRestaurant"/>
                    <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pizza_place"/>
                      <rdf:Description rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/Pub"/>
                        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SportsBar"/>
```

```

    <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/University"/>
    </owl:members>
</rdf:Description>
<rdf:Description>
    <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#AllDisjointClasses"/>
    <owl:members rdf:parseType="Collection">
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheesePizza"/>
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatPizza"/>
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SeafoodPizza"/>
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianPizza"/>
        </owl:members>
    </rdf:Description>
<rdf:Description>
    <rdf:type rdf:resource="http://www.w3.org/2002/07/owl#AllDisjointClasses"/>
    <owl:members rdf:parseType="Collection">
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/CheeseTopping"/>
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/MeatTopping"/>
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/SeafoodTopping"/>
        <rdf:Description
rdf:about="http://www.city.ac.uk/inm713-in3067/2023/ibtida_syed/VegetarianTopping"/>
        </owl:members>
    </rdf:Description>
</rdf:RDF>

```

<!-- Generated by the OWL API (version 4.5.9.2019-02-01T07:24:44Z)
<https://github.com/owlcs/owlapi> -->