

Class name:

Appointment

Documentation:

Definition:

An appointment is a scheduled time and place for a meeting to occur.

Constraints:

There can not be more appointments than there are medical professionals for a set period of time.

Class name:

Patient

Documentation:

Definition:

A patient that is registered to receive or is receiving medical attention.

Constraints:

Must be a student or employee of Kent State University that wishes to be vaccinated for the SARS-CoV-2 virus.

Class name:

Student

Documentation:

Definition:

A person who is attending a campus.

Constraints:

The students must be attending one of the Kent State University campuses.

Class name:

Employee

Documentation:

Definition:

Whether paid or not, an Employee is a person who does work for another party.

Constraints:

Employees must work for one of the Kent State University campuses.

Class name:

medicalProfessional

Documentation

Definition:

Any person licensed or certified to provide health care services to natural persons
Constraints:

Class name:

Administer

Documentation:

Definition:

A person who is capable of administering a drug or remedy.

Constraints:

Must be a medical professional

Class name:

Vaccine

Documentation:

Definition:

The brand of vaccine being administered.

Constraints:

Must be one of the brands approved and currently being administered.

Class name:

Session

Documentation:

Definition:

The time when a vaccine is administered.

Constraints:

Must be between 8:00am and 18:00pm, Monday through friday

Class name:

Doses

Documentation:

Definition:

One dose is the appropriate quantity of vaccines being administered in one session.

Constraints:

Doses cannot exceed the allowed quantity and the amount of doses cannot exceed the maximum allowed for each brand.

Class name:

Shipment

Documentation:

Definition:

All of the products being shipped together at the same time.

Constraints:

Must be a shipment for a batch of vaccines.

Class name:

orderRequest

Documentation:

Definition:

A request for services or a product.

Constraints:

Must be an order for a shipment of vaccines.

Class name:

Station

Documentation:

Definition:

A place or building where a specified activity or service is based.

Constraints:

Must be one of the Kent State University operated vaccine stations.

Class name:

Insurance

Documentation:

Definition:

A provider to individuals and businesses against the risk of financial losses in return for regular payments of premiums

Constraints:

Must be an accepted provider of insurance for KSU-HS

Class name:

Visualization

Documentation:

Definition:

A visual representation of data in some form of graph or image.

Constraints:

Class name:

Payment

Documentation:

Definition:

The process of paying or of being paid by someone or something.

Constraints:

Must be made by KSU, or an insurer.

Class name:

Batch

Documentation:

Definition:

A batch is some amount of vaccines.

Constraints:

Must contain multiple vaccines that are ready to be administered.

Class name:

Campus

Documentation:

Definition:

A campus is the grounds of each school that is administering the vaccine.

Constraints:

Must be one of the 8 KSU campuses.
