**Ontology**

Ontology is a branch of philosophy that is primarily concerned with the study of what exists. Computer ontology can be defined as the interpretation of ideas within a specific domain that can be used to describe the interrelationship between those ideas within a particular domain. In the context of the developed system, ontology acts as the structural framework used to organize concepts and information of various fields. If we expand this idea more, it means that ontology renders a framework that can be used to define a domain consisting of a set of concepts, relationships, and characteristics.

This further means that information is generally expressed based on conceptual information models used to model applications and structure data in applications. For example, if an app is being assumed to contain some interrelated entities, the conceptual ontology model can be used to define the relationships and properties of the specific entities.

Let's look at a particular instance in our system where ontology can be used; for example, in the system, administrators can silence an alarm when it goes. But the actual idea behind this is that silencing an alarm does not necessarily mean resetting the values of the off threshold sensor. Defining these concepts makes easier separation of concerns in such that this vocabulary becomes particularly clear that it does not necessarily mean a corrective measure towards the off tangent system. The application may need a more detailed ontology in a more complex case as part of more detailed extra information to users and developers.