

# **Singelton pattern:-** (creational)

## **Context:**

A Singelton class is a class that has only one instance and provides a global point of access to that instance.

## **Problem:**

how to extend a Singelton class?

## **Forces:**

Unable to extend or modify Singelton class, making the code less flexible.

## **Solutions:**

We can use another pattern to wrap the singleton class with another class that has the new updated attributes, this pattern is called Decorator.

Example:-

In our project we used the user class to be a parent class for all the other roles in the system, thus making it a global access point.