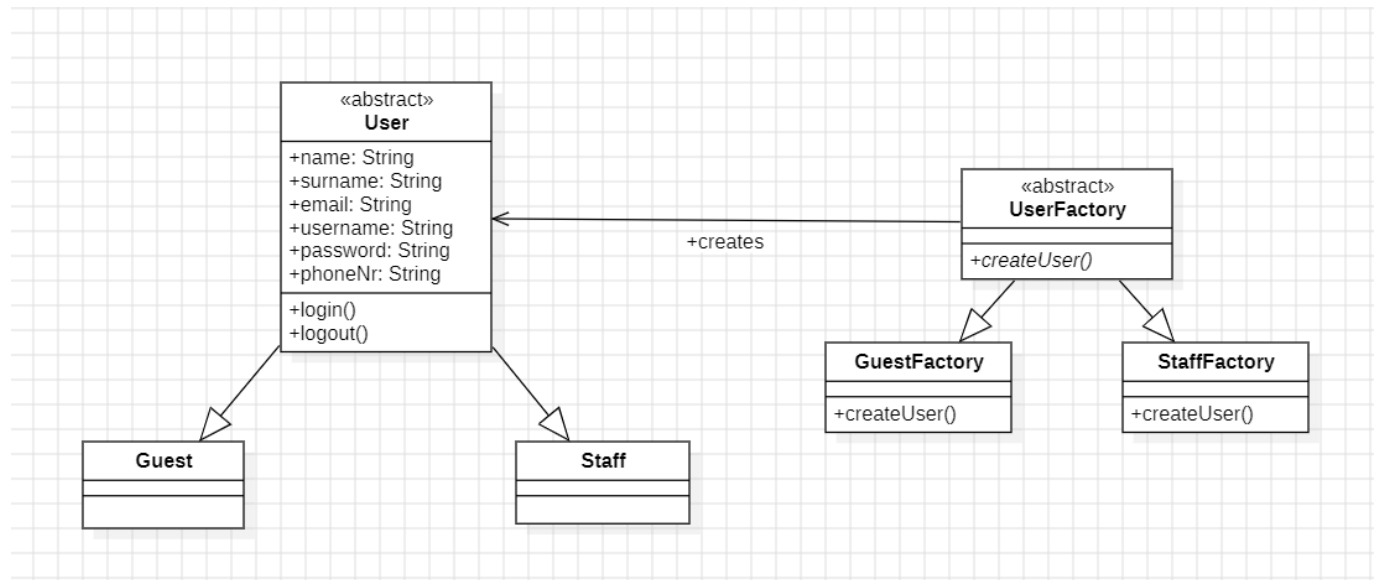


FACTORY PATTERN



The factory design pattern is used to provide an interface for creating objects in a superclass, allowing subclasses to alter the type of objects that will be created. This allows us to create users for guest and staff using a different factory class.