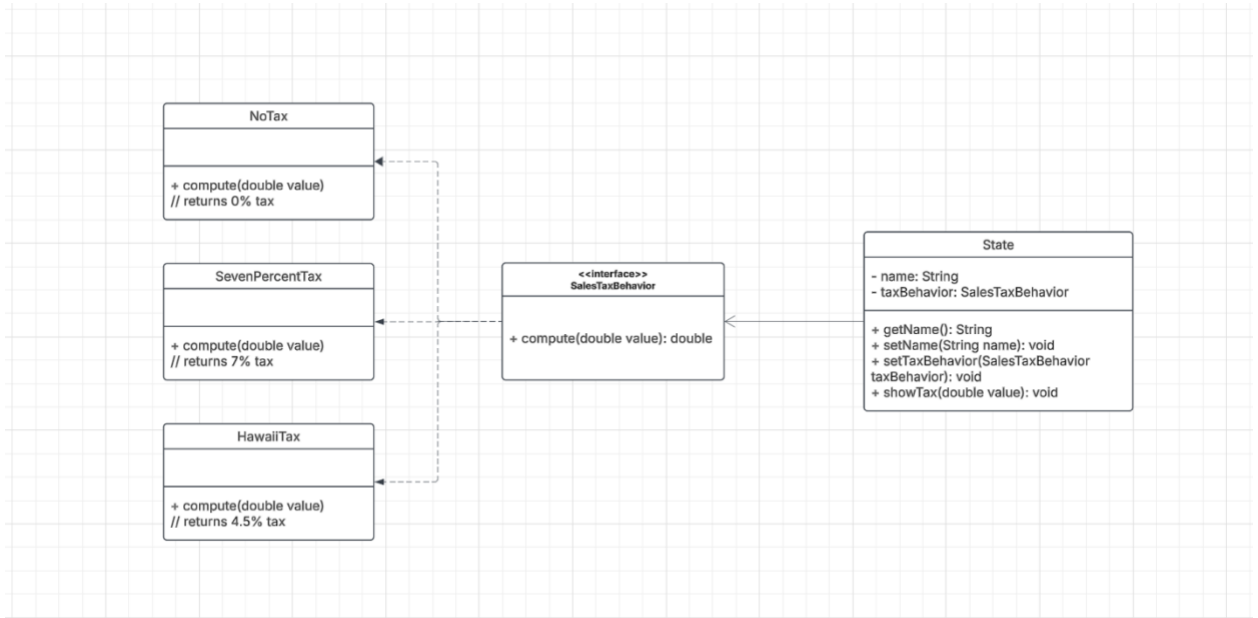


Justin Rogers

1)



2)

- 1) IS-A relationship because MallardDuck inherits from Duck showing that it is a type of Duck.
- 2) IS-A relationship because RedheadDuck inherits from Duck showing that it is a type of Duck.
- 3) IS-A relationship because RubberDuck inherits from Duck showing that it is a type of Duck.
- 4) IS-A relationship because DecoyDuck inherits from Duck showing that is a type of Duck.
- 5) HAS-A relationship because Duck has a FlyBehavior instance variable showing composition where Duck has a flying behavior.
- 6) HAS-A relationship because Duck has a QuackBehavior instance variable showing composition where Duck has a quacking behavior.
- 7) IS-A relationship because Quack implements QuackBehavior interface showing Quack is a type of QuackBehavior.
- 8) IS-A relationship because Squeak implements QuackBehavior interface showing Squeak is a type of QuackBehavior.
- 9) IS-A relationship because MuteQuack implements QuackBehavior interface showing MuteQuack is a type of QuackBehavior.

3)

