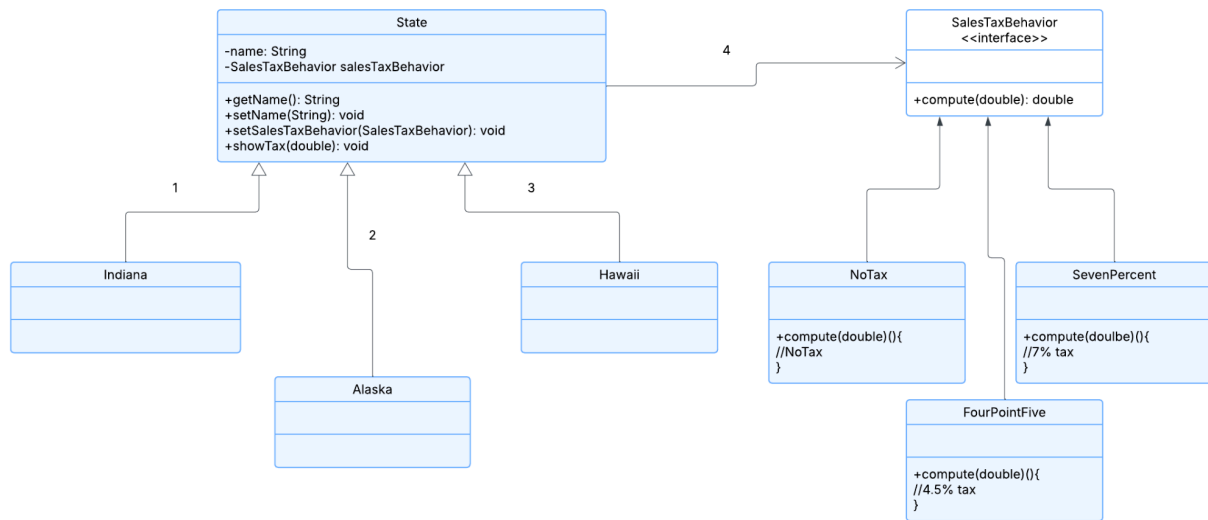


### Problem 1.)

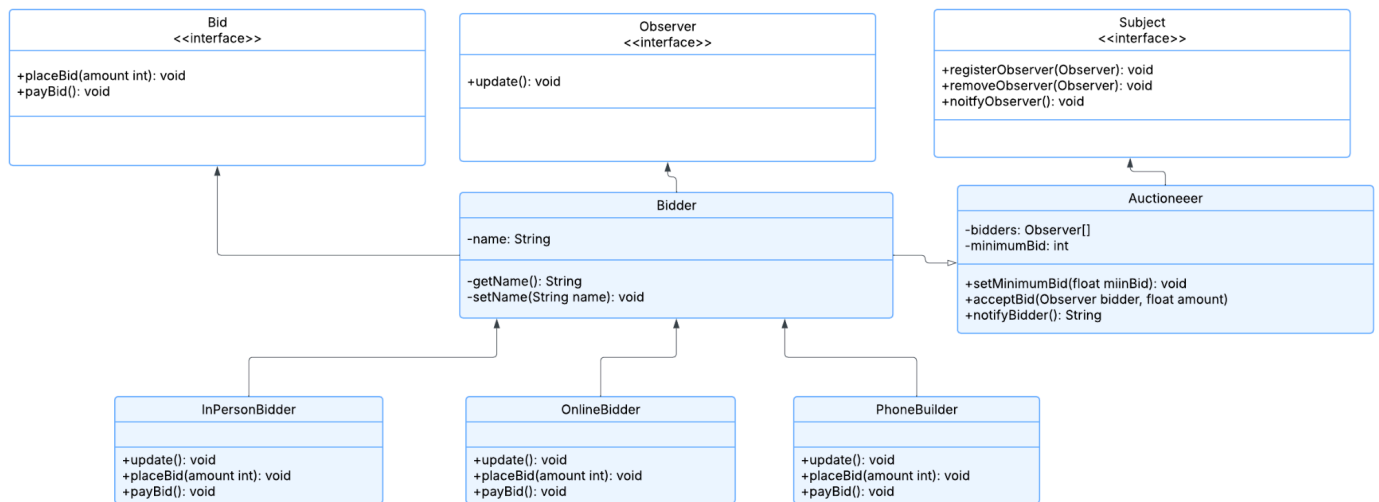
(The interface shape in LucidChart wasn't working for me so I just used a class shape and changed it to behavior)



### Problem 2.)

1. IS-A, inherits from duck class
2. IS-A, inherits from duck class
3. IS-A, inherits from duck class
4. IS-A, inherits from duck class
5. HAS-A, duck is composed of FlyBehavior
6. HAS-A, duck is composed of QuackBehavior
7. IS-A, Quack implements QuackBehavior
8. IS-A, Squeak implements QuackBehavior
9. IS-A, MuteQuack implements QuackBehavior

### Problem 3.)



(The interface shape in LucidChart wasn't working for me so I just used a class shape and changed it to behavior)