

StopAndShop

CALIFORNIA STATE UNIVERSITY, LONG BEACH

CECS575 – OBJECT ORIENTED ANALAYIS & DESIGN

ASSIGNMENT 3

GROUP 5

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Application of Decorator Structural Pattern

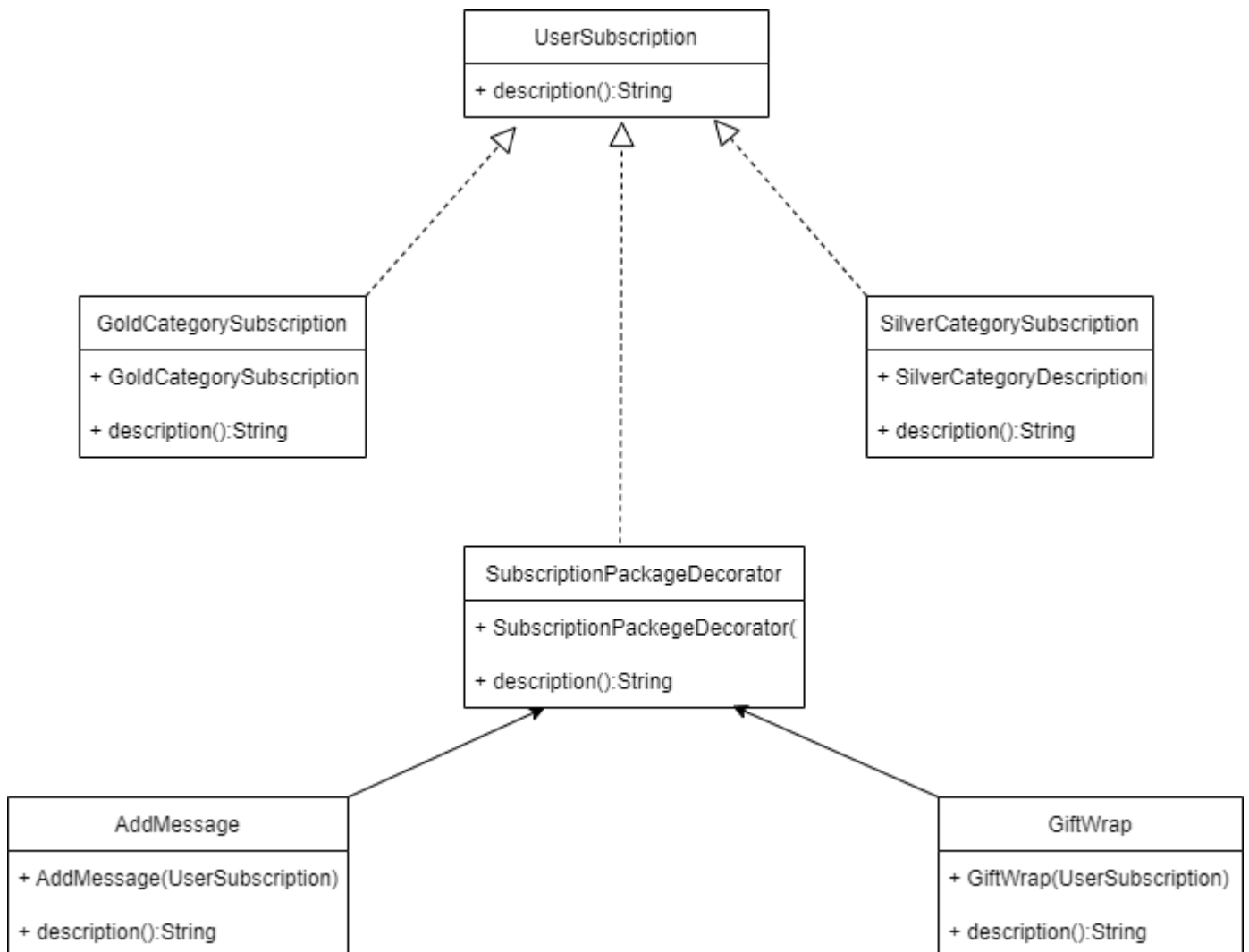
Decorator pattern is used to add extra features/functions to objects instead of adding it to the entire class.

We are making use of Decorator design pattern to add two features

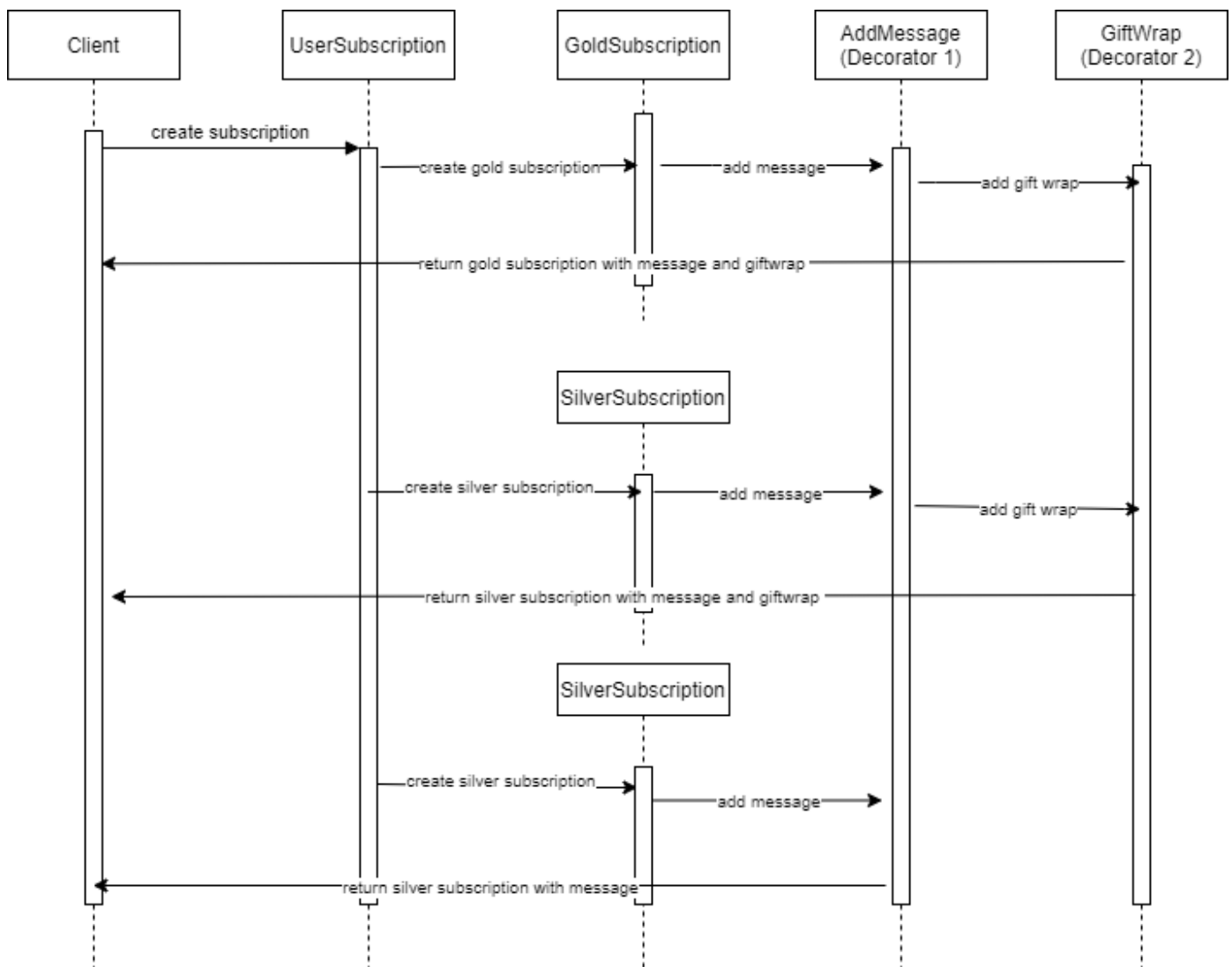
- AddMessage (Decorator 1), and
- Giftwrap (Decorator 2)

for UserSubscription which is inherited by GoldCategorySubscription and SilverCategorySubscription classes.

Class Diagram



Sequence Diagram



Thank you!