

Quiz 2, Fall 2024
CSE470: Software Engineering (Sec-16)
SET- A

Name:

ID:

Total Marks: _____ / 20

Time: 30 minutes

Short questions (CO1)

1. Design a Class Diagram based on the scenario below with practical multiplicity.

Internet

The Internet is the key to accessing anything that is virtually available. We need the Internet in our day-to-day lives. Without the existence of the Internet, we cannot access anything online. E-commerce is widely used among different online websites. There are various types of E-Commerce websites available. The Internet allows us to use online sites. All our internet providers have name, serviceID, and paymentID.

E-Commerce

E-commerce websites facilitate the purchase of products online. They reduce our effort to access quality products anywhere in the world. E-commerce websites consist of productDetails and a purchaseProcedure.

Amazon

Amazon is mainly known for its significant e-commerce operations. It allows shipping between multiple countries. It has a name, businessID. Since Amazon is available in different parts of the world, Amazon's customers are available worldwide.

Evaly

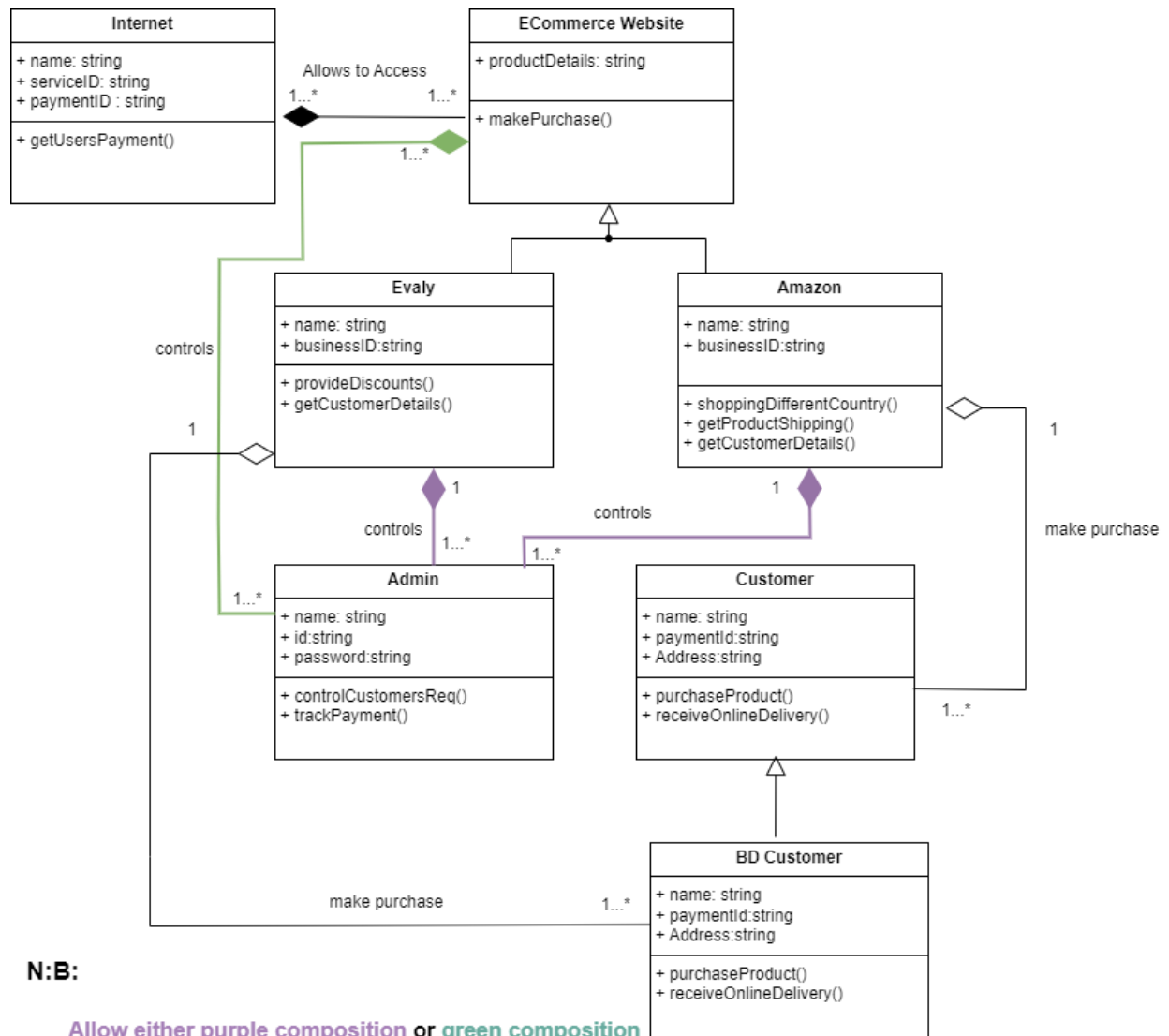
Evaly is one of the most popular online shopping outlets in Bangladesh. It is believed to be the best e-commerce site in the world. It provides attractive discounts on purchases. It has a name, businessID. Customers of Bangladesh can only access this website to purchase products.

Admin

An Admin is the critical person to control any website that is available online. Like other websites, E-Commerce websites also need an Admin. The admin has a name, ID, and password. It controls customer requests and monitors payment status.

Customer

The customer is the key to e-commerce websites. Customers purchase products and receive online delivery. Customers have names, payment IDs, and addresses. Customers can be from different parts of the world, like Bangladeshi Customers.



N:B:

Allow either purple composition or green composition