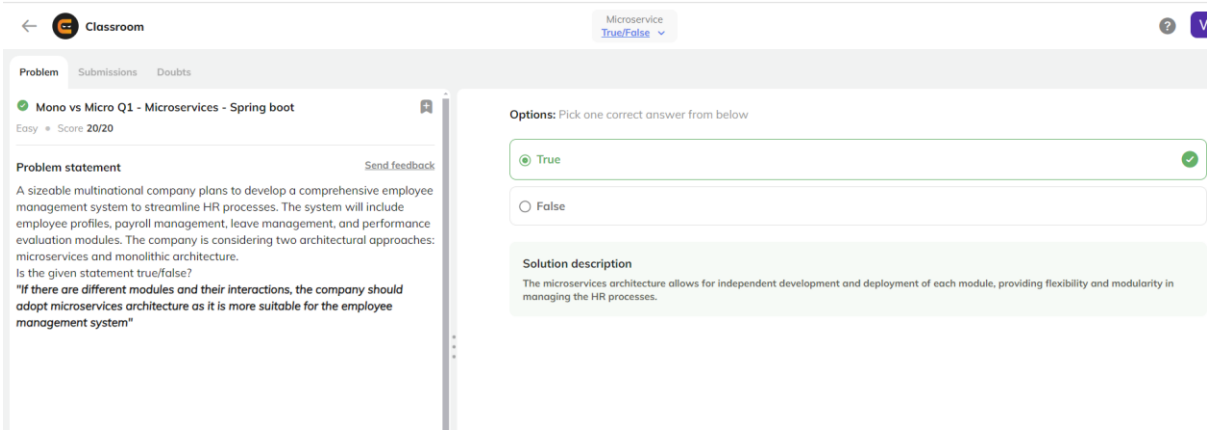
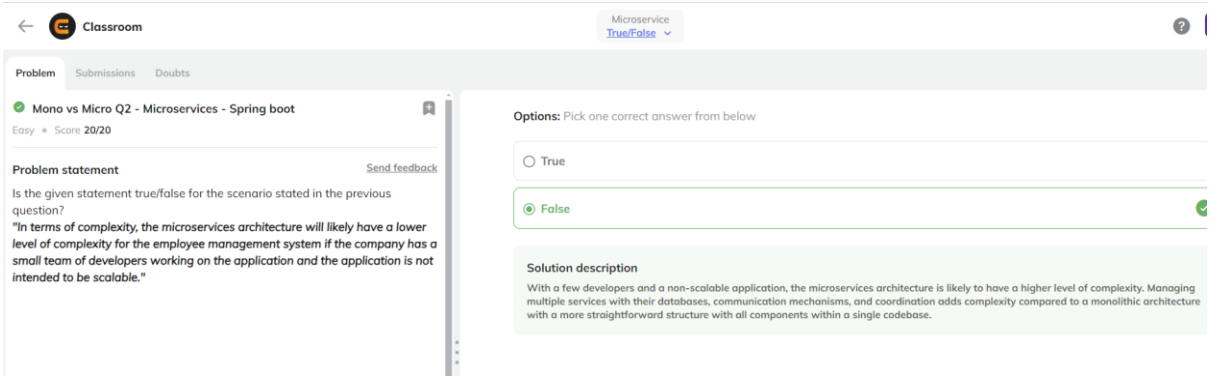
Quiz Questions

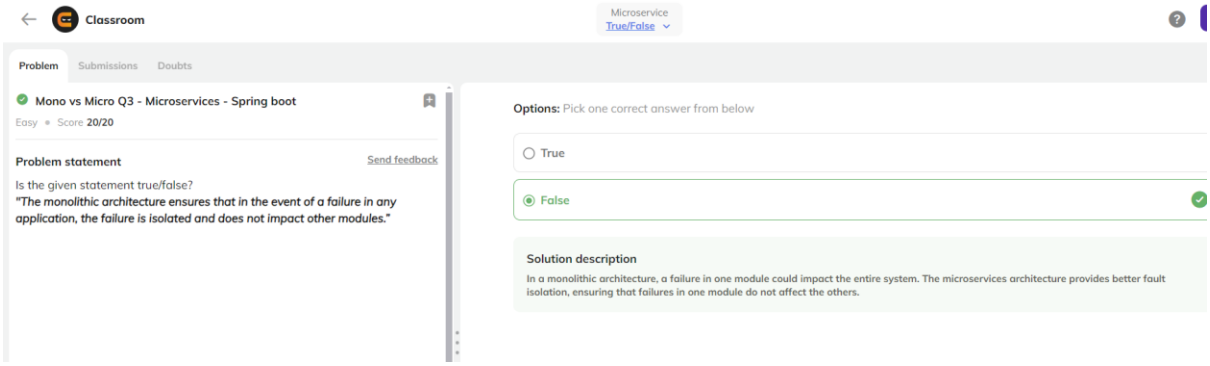
(1) Mono vs Micro Q1 – Microservices



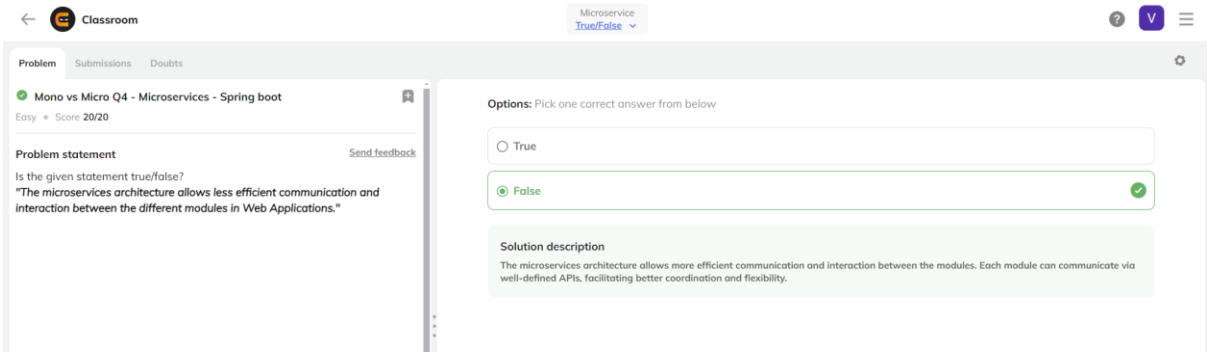
(2) Mono vs Micro Q2 – Microservices



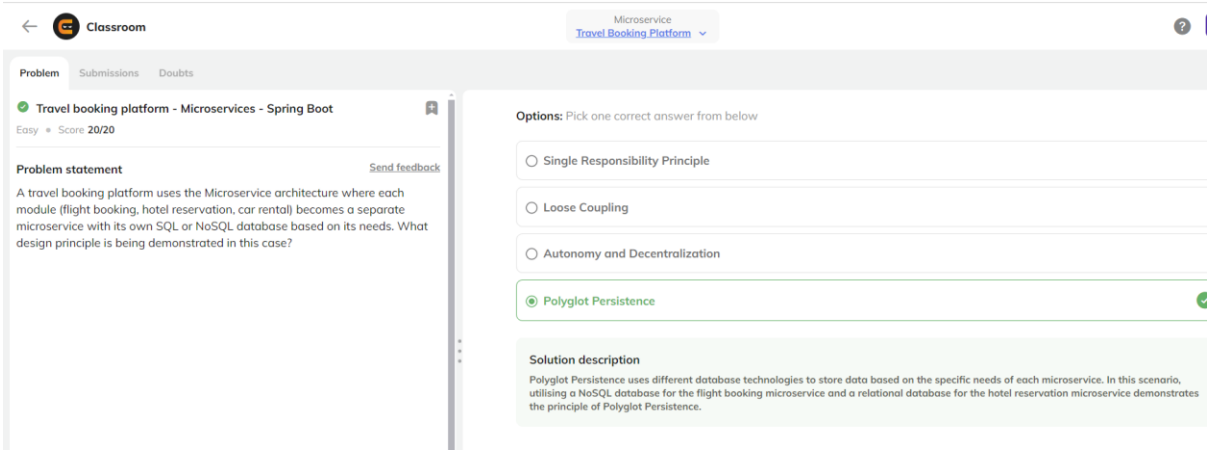
(3) Mono vs Micro Q3 – Microservices



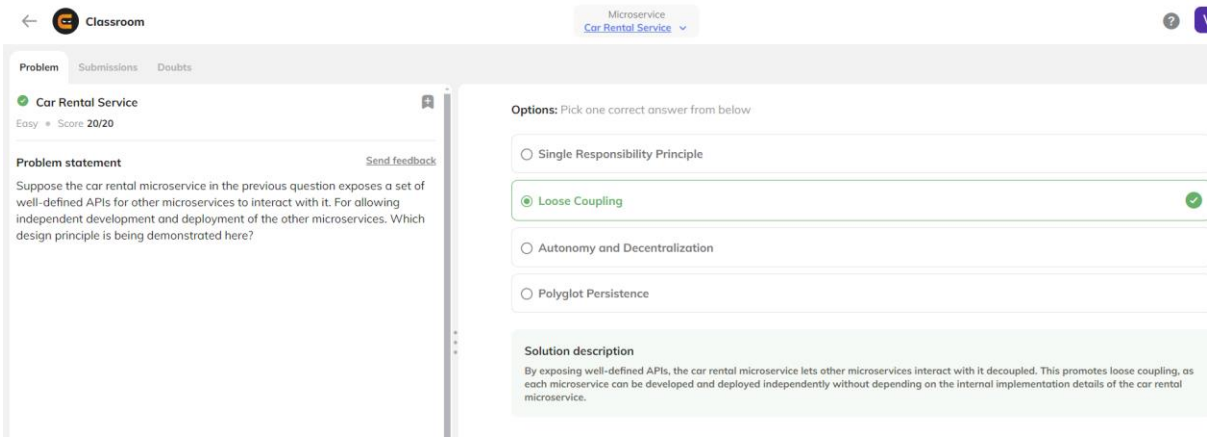
(4) Mono vs Micro Q4 – Microservices



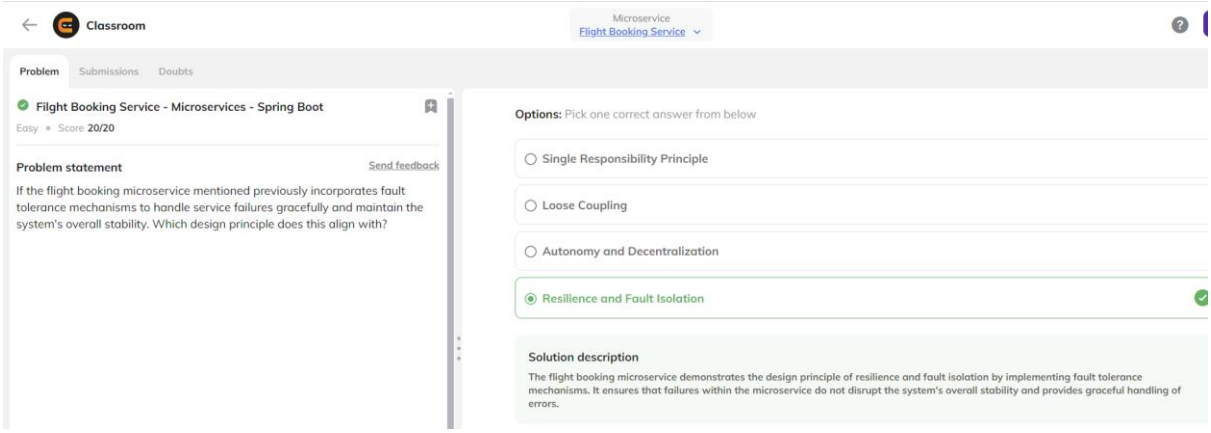
(5) Travel booking platform



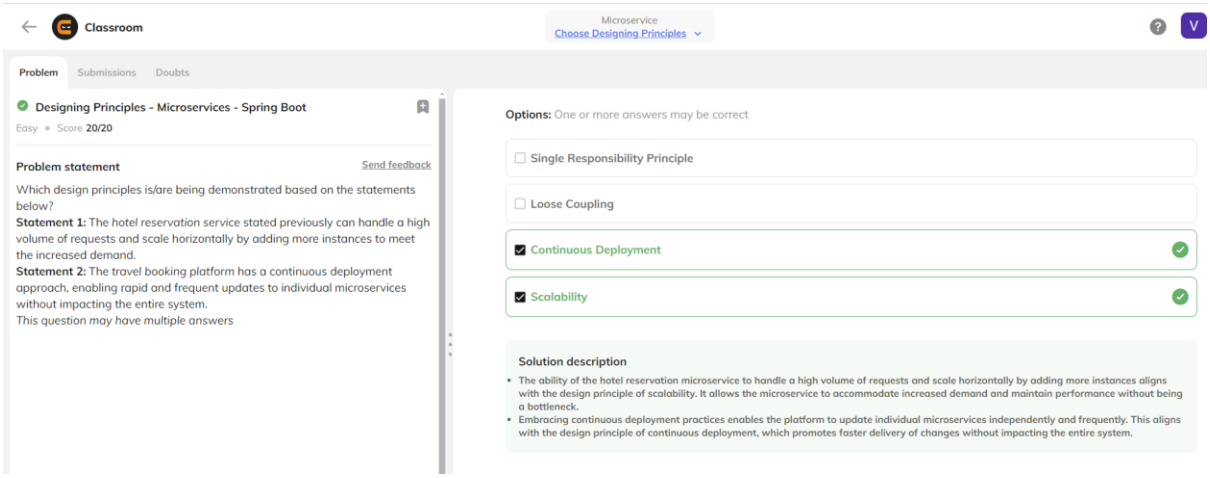
(6) Car Rental Service



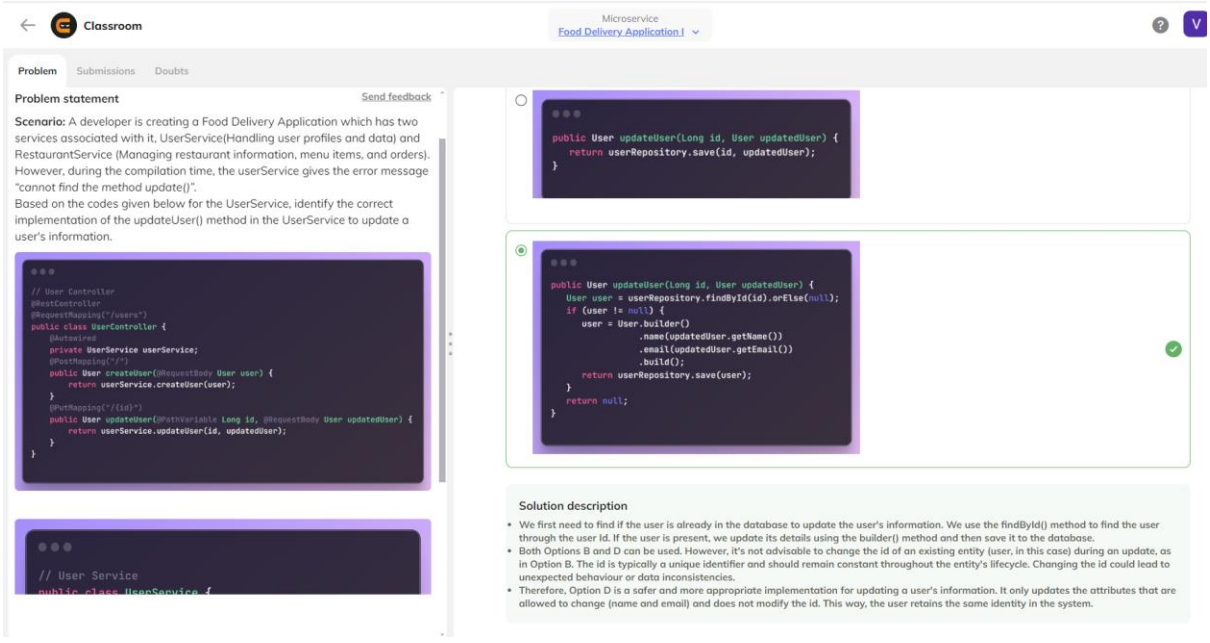
(7) Flight Booking Service – Microservices



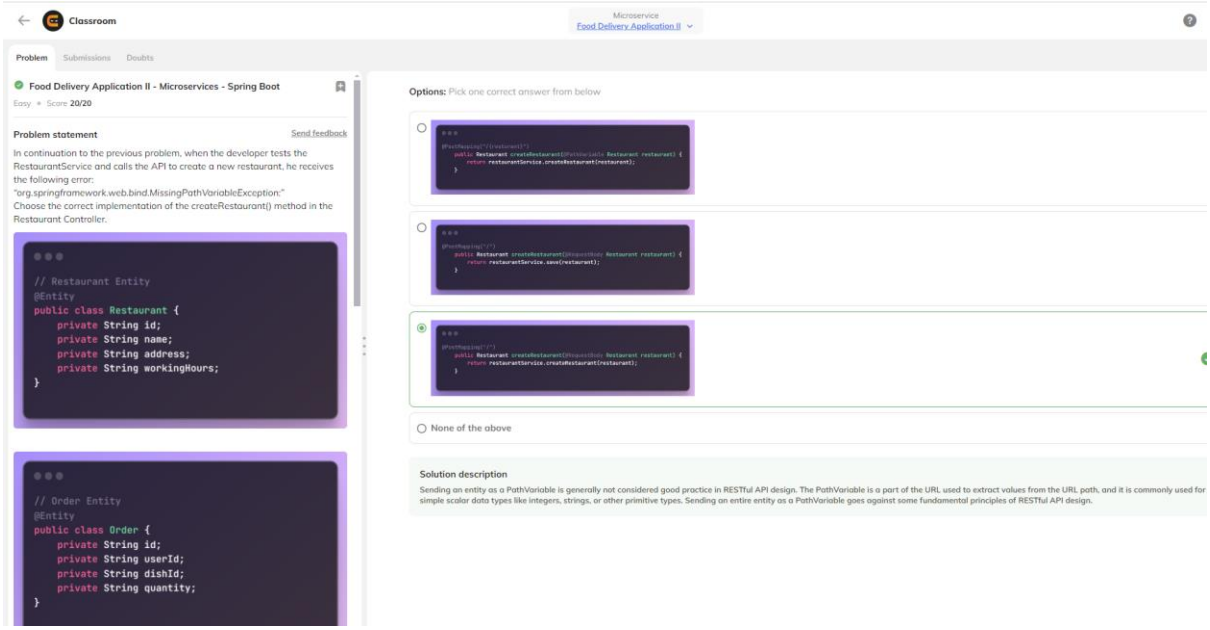
(8) Designing Principles – Microservices



(9) Food Delivery Application I



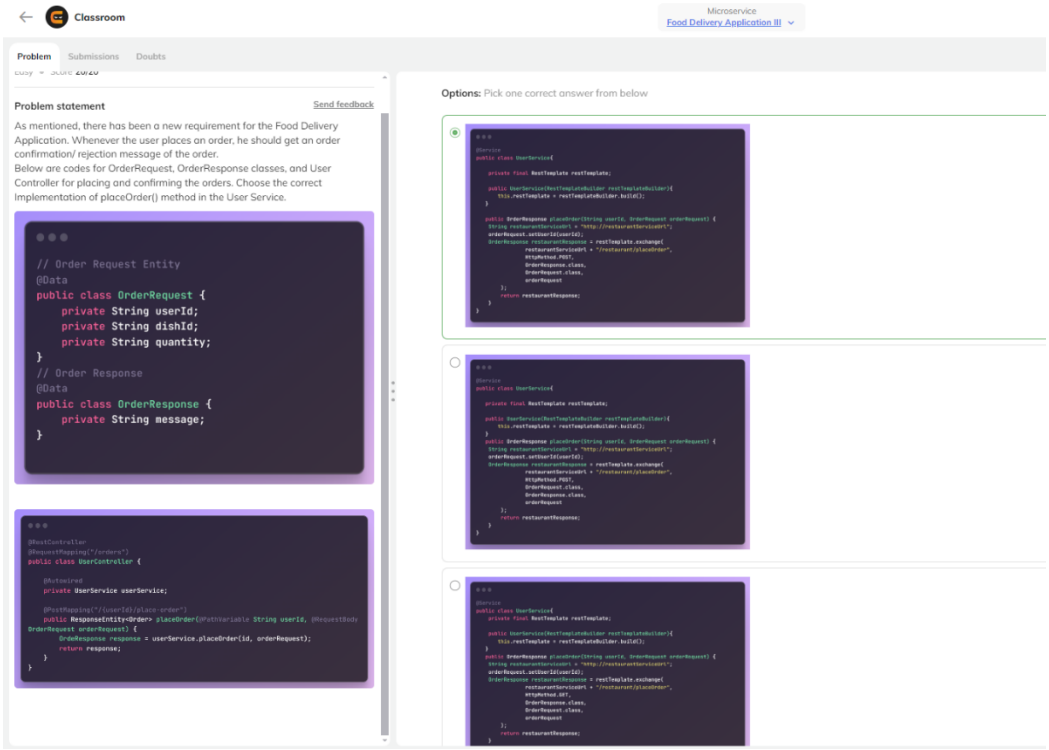
(10) Food Delivery Application II



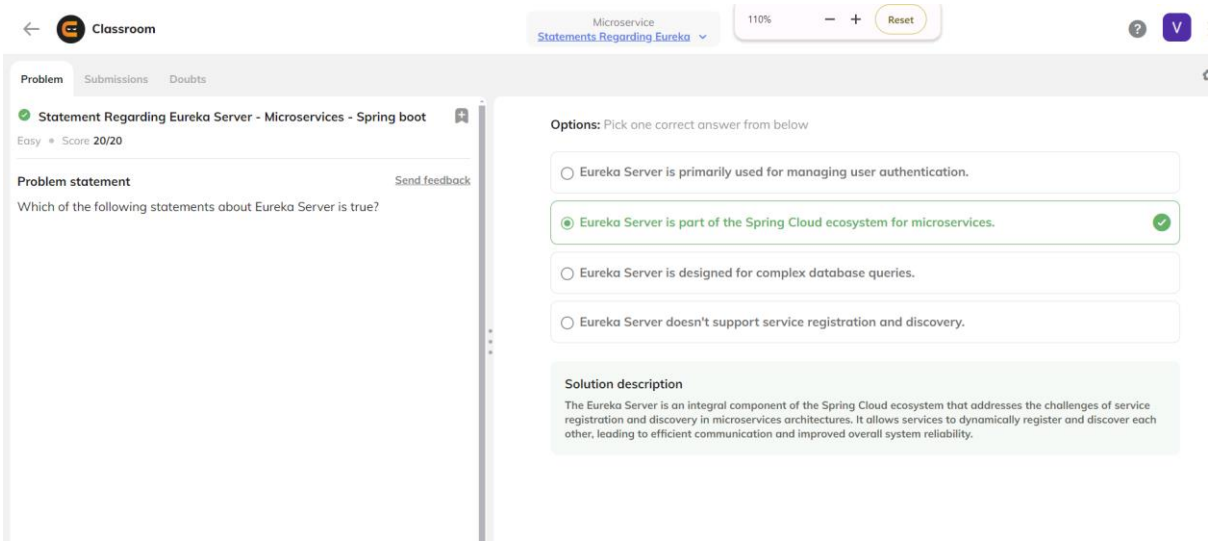

```
// Restaurant Controller
@RestController
@RequestMapping("/restaurant")
public class RestaurantController {
    @Autowired
    private RestaurantService restaurantService;
    @PostMapping("/")
    public Restaurant createRestaurant(@PathVariable Restaurant restaurant) {
        return restaurantService.createRestaurant(restaurant);
    }
    @PostMapping("/placeOrder")
    public OrderResponse placeOrder(@RequestBody OrderRequest request) {
        return restaurantService.placeOrder(request);
    }
}
```

```
// Restaurant Service
@Service
public class RestaurantService {
    @Autowired
    private RestaurantRepository restaurantRepository;
    @Autowired
    private OrderRepository orderRepository;
    public Restaurant createRestaurant(Restaurant restaurant) {
        return restaurantRepository.save(restaurant);
    }
    public OrderResponse placeOrder(OrderRequest request) {
        try{
            orderRepository.save(order);
        } catch(Exception e) {
            return new OrderResponse("Error");
        }
        return new OrderResponse("Order Placed successfully")
    }
}
```

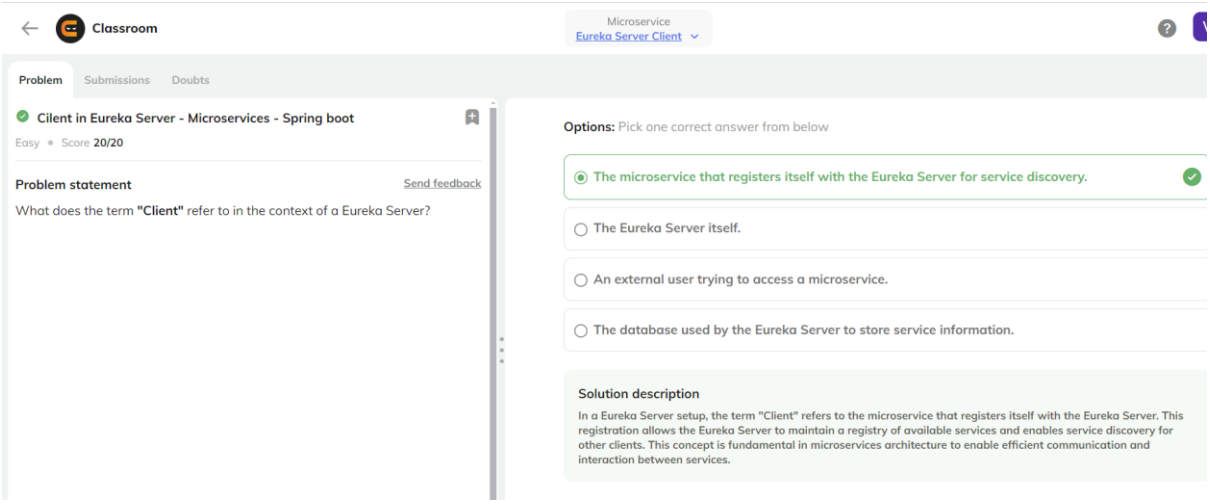
(11) Food Delivery Application III



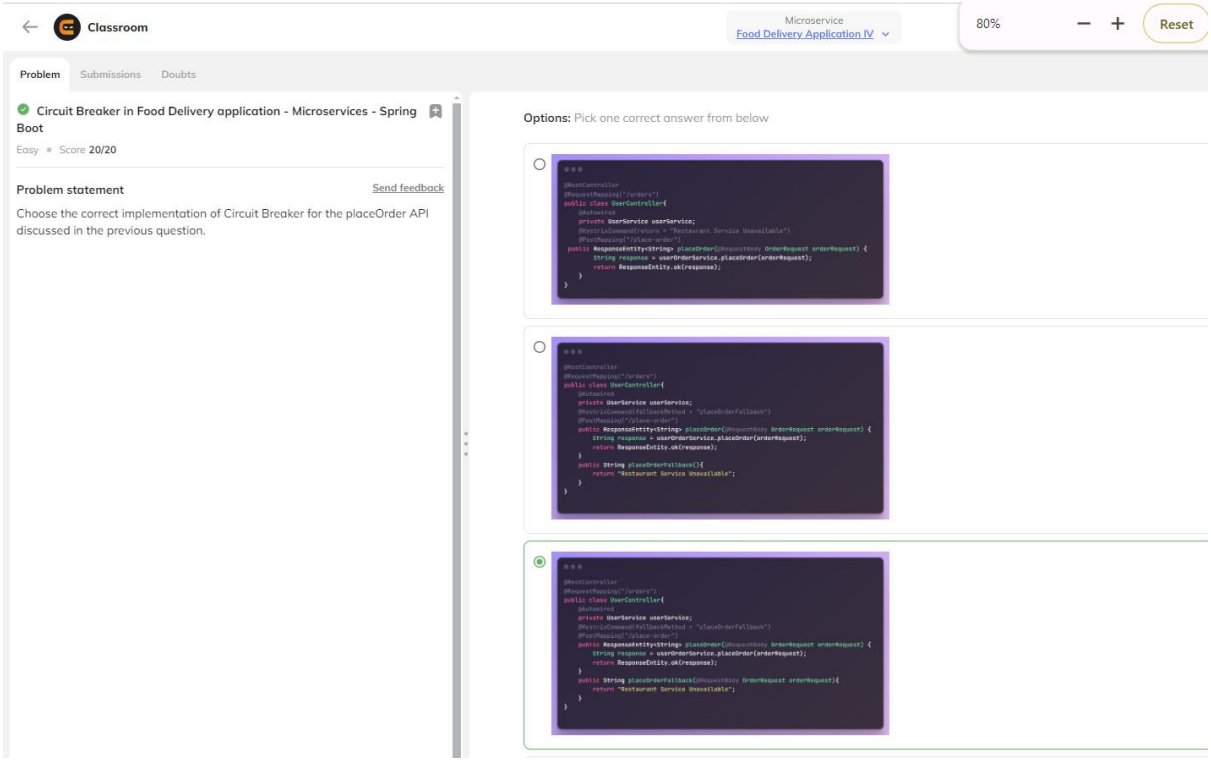
(12) Statement Regarding Eureka Server



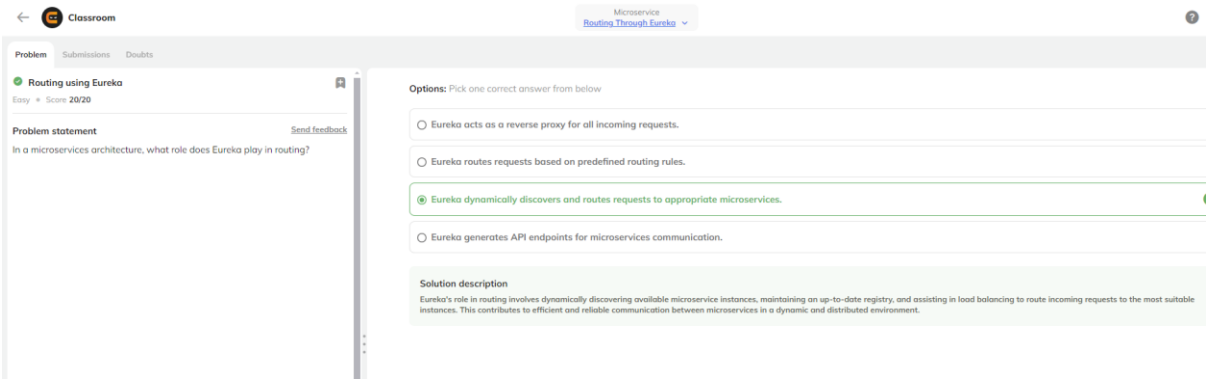
(13) Client in Eureka Server – Microservice



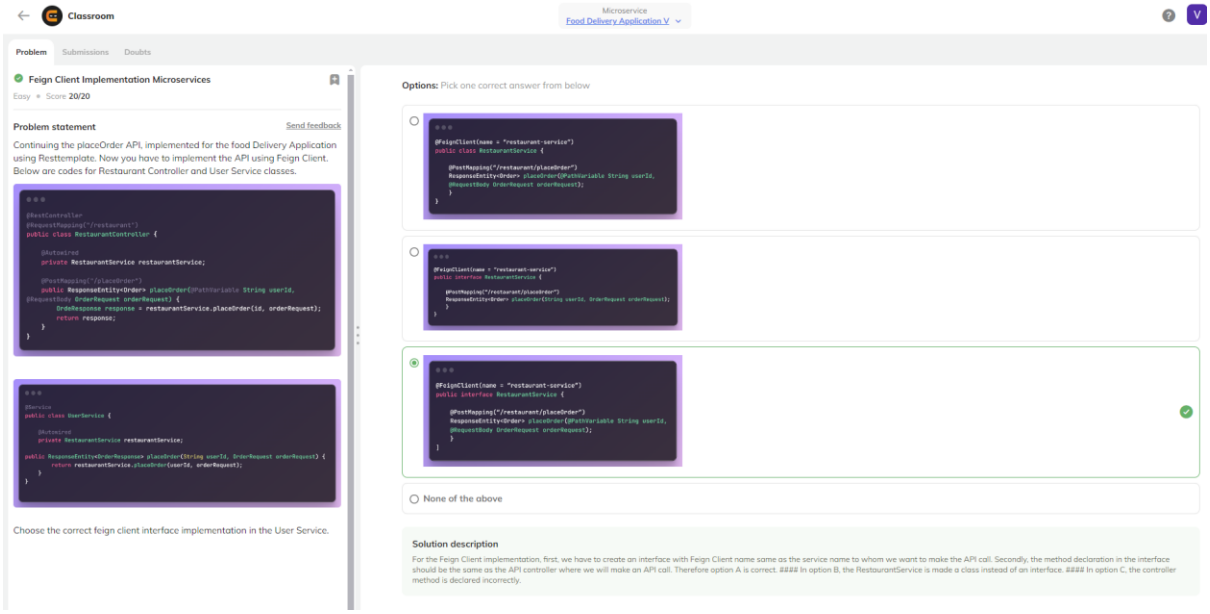
(14) Circuit Breaker in Food Delivery Application



(15) Routing using Eureka



(16) Feign Client Implementation Microservices



(17) Load Balancing in API Gateway