

## Dotnet Task 2 – Role Based Authentication

```
20 public class CartController : ControllerBase
21 {
22     6 references
23     private readonly ICartRepository _cartRepository;
24     6 references
25     private readonly IConfiguration _configuration;
26     5 references
27     private readonly ILogger<CartController> _logger;
28
29     0 references
30     public CartController(ICartRepository cartRepository, IConfiguration configuration, ILogger<CartController> logger)
31     {
32         _cartRepository = cartRepository;
33         _configuration = configuration;
34         _logger = logger;
35     }
36
37     [Authorize(Roles = "User")]
38     [HttpGet("{userId}")]
39     0 references
40     public IActionResult GetCartItemsByUserId(int userId)
41     {
42         var cartItems = _cartRepository.GetCartItemsByUserId(userId);
43         return Ok(cartItems);
44     }
45
46     [Authorize(Roles="User")]
47     [HttpPost]
48     0 references
49     public IActionResult AddToCart([FromBody] Cart cartItem)
```

```
63
64 [Authorize(Roles="User")]
65 [HttpPost("{itemId}/increase")]
66 0 references
67 public IActionResult IncreaseQuantity(int itemId)
68 {
69     try
70     {
71         _cartRepository.IncreaseQuantity(itemId);
72         return Ok();
73     }
74     catch (Exception exception)
75     {
76         string errorMessage = _configuration["Messages:FailureMessages:IncreaseCartQuantityError"];
77         _logger.LogError(exception, errorMessage);
78         return StatusCode(500, errorMessage);
79     }
80 }
81
82 [Authorize(Roles="User")]
83 [HttpPost("{itemId}/decrease")]
84 0 references
85 public IActionResult DecreaseQuantity(int itemId)
86 {
87     try
88     {
89         _cartRepository.DecreaseQuantity(itemId);
90         return Ok();
91     }
92     catch (Exception exception)
```

