

```

1  import org.springframework.beans.factory.annotation
   .Autowired;
2  import org.springframework.http.HttpStatus;
3  import org.springframework.http.ResponseEntity;
4  import org.springframework.web.bind.annotation.*;
5
6  import java.util.List;
7  import java.util.Optional;
8
9  @RestController
10 @RequestMapping("/api/shopowners")
11 public class ShopOwnerController {
12
13     @Autowired
14     private ShopOwnerService shopOwnerService;
15
16     @GetMapping
17     public ResponseEntity<List<ShopOwner>>
18         getAllShopOwners() {
19         List<ShopOwner> shopOwners =
20             shopOwnerService.getAllShopOwners();
21         return new ResponseEntity<>(shopOwners,
22             HttpStatus.OK);
23     }
24
25     @GetMapping("/{id}")
26     public ResponseEntity<ShopOwner>
27         getShopOwnerById(@PathVariable Long id) {
28         Optional<ShopOwner> shopOwner =
29             shopOwnerService.getShopOwnerById(id);
30         return shopOwner.map(value -> new
31             ResponseEntity<>(value, HttpStatus.OK))
32             .orElseGet(() -> new ResponseEntity
33                 <>(HttpStatus.NOT_FOUND));
34     }
35
36     @PostMapping
37     public ResponseEntity<ShopOwner>
38         createShopOwner(@RequestBody ShopOwner
39             shopOwner) {
40         ShopOwner createdShopOwner =
41             shopOwnerService.createShopOwner
42                 (shopOwner);
43         return new ResponseEntity
44             <>(createdShopOwner, HttpStatus.CREATED
45                 );
46     }
47
48     @PutMapping("/{id}")
49     public ResponseEntity<ShopOwner>
50         updateShopOwner(@PathVariable Long id,
51             @RequestBody ShopOwner shopOwner) {
52         ShopOwner updatedShopOwner =
53             shopOwnerService.updateShopOwner(id,
54                 shopOwner);
55         return updatedShopOwner != null ?
56             new ResponseEntity
57                 <>(updatedShopOwner, HttpStatus
58                     .OK) :
59             new ResponseEntity<>(HttpStatus
60                 .NOT_FOUND);
61     }
62
63     @DeleteMapping("/{id}")
64     public ResponseEntity<Void> deleteShopOwner
65         (@PathVariable Long id) {
66         shopOwnerService.deleteShopOwner(id);
67         return new ResponseEntity<>(HttpStatus
68             .NO_CONTENT);
69     }
70 }

```