**Mapper**

public interface RoleMapper extends BaseMapper<Role> {  
}

**Service**

@Service  
public interface RoleService extends IService<Role> {  
}

**ServiceImpl**

@Service  
public class RoleServiceImpl extends ServiceImpl<RoleMapper, Role> implements RoleService {  
}

**Controller**

@RestController  
@RequestMapping("/role")  
public class RoleController {  
 @Autowired  
 private RoleService roleService;  
  
 // 新增和修改  
 @PostMapping  
 public Result save(@RequestBody Role role) {  
 // 新增或者更新  
 return Result.*success*(roleService.saveOrUpdate(role));  
 }  
  
 @DeleteMapping("/{id}")  
 public Result delete(@PathVariable Integer id) {  
 return Result.*success*(roleService.removeById(id));  
 }  
  
 @PostMapping("/del/batch")  
 public Result deleteBatch(@RequestBody List<Integer> ids) { // [1,2,3]  
 return Result.*success*(roleService.removeByIds(ids));  
 }  
  
 // 查询所有数据  
 @GetMapping  
 public Result findAll() {  
 return Result.*success*(roleService.list());  
 }  
  
 // 查询单条数据  
 @GetMapping("/{id}")  
 public Result findOne(@PathVariable Integer id) {  
 return Result.*success*(roleService.getById(id));  
 }  
  
 // 分页查询  
 @GetMapping("/page")  
 public Result findPage(@RequestParam Integer pageNum, @RequestParam Integer pageSize) {  
 QueryWrapper<Role> queryWrapper = new QueryWrapper<>();  
 queryWrapper.orderByDesc("id");  
 return Result.*success*(roleService.page(new Page<>(pageNum, pageSize), queryWrapper));  
 }  
}