Mapstruct

Step 1: Add dependency & Maven Plugin

```
🌀 RestExceptionHandler.java 🚿 🏽 🔞 DepartmentService.java 🦠

    DepartmentResources.java

            <artifactId>postgresql</artifactId>
       <dependency>
            <artifactId>spring-boot-starter-test</artifactId>
       <dependency>
           <groupId>org.mapstruct</groupId>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-starter-validation</artifactId>
       </dependency>
                                                          <groupId>org.mapstruct</groupId>
                                                          <artifactId>mapstruct</artifactId>
                                                          <groupId>org.springframework.boot</groupId>
                                                          <artifactId>spring-boot-starter-validation</artifactId>
                                               💡 <build>
                                                              <configuration>
                                                                  <target>11</target>
                                                                          <groupId>org.mapstruct</groupId>
                                                                          <groupId>org.projectlombok</groupId>
                                                                          <artifactId>lombok</artifactId>
                                                                          <artifactId>lombok-mapstruct-binding</artifactId>
                                                                      </path>
```

Step 2: Define Department mapper to map Entity to Dto:

1. Using INSTANCE:

```
6 usag. 1 implementation
@Mapper(unmappedTargetPolicy = ReportingPolicy.IGNORE)
public interface DepartmentMapper {
    2 usages
    DepartmentMapper INSTANCE = Mappers.getMapper(DepartmentMapper.class);

    2 usages 1 implementation
    DepartmentDto toDto(Department department);

    1 usage 1 implementation
    List<DepartmentDto> toDtos(List<Department> departments);
}
```

→ Then using these Mapper class:

Using componentModel

→ Then Using Employee mapper(using requiredArgConstructor or using @Autowired)