

```
1 package projects.service;
2
3 import java.util.List;
4 import java.util.NoSuchElementException;
5
6 import projects.dao.ProjectDao;
7 import projects.entity.entity.Project;
8
9 public class ProjectService {
10     private ProjectDao projectDao = new ProjectDao();
11
12     public Project addProject(Project project) {
13         return projectDao.insertProject(project);
14     }
15
16     public List<Project> fetchAllProjects() {
17         return projectDao.fetchAllProjects();
18     }
19     public Project fetchProjectById(Integer projectId) {
20         return projectDao.fetchProjectById(projectId).orElseThrow(() -> new NoSuchElementException
21             ("Project with project ID=" + projectId + " does not exsit"));
22     }
23 }
```