

```
package projects.service;

import java.util.List;
import java.util.NoSuchElementException;
import java.util.Optional;

import projects.dao.ProjectDao;
import projects.entity.Project;

@SuppressWarnings("unused")
public class ProjectService {
    private ProjectDao projectDao = new ProjectDao();

    public Project addProject(Project project) {
        return ProjectDao.insertProject(project);
    }

    public ProjectDao getProjectDao() {
        return projectDao;
    }

    public void setProjectDao(ProjectDao projectDao) {
        this.projectDao = projectDao;
    }

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    public List<Project> fetchAllProjects() {
        return projectDao.fetchAllProjects();
    }
}
```

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}

public Project fetchProjectByProjectId(Integer projectId) {
    Optional<Project> op = projectDao.fetchProjectById(projectId);
    return projectDao.fetchProjectById(projectId).orElseThrow(() -> new
NoSuchElementException(
        "Project with Project ID=" + projectId + "does not exist."));
}
}
```