```
+getAllVisibleProblems()
+getProblemDTOByProblemId(problemId : Integer)
+count(problemCondition : ProblemCondition)
+getProblemList(problemCondition : ProblemCondition, pageInfo : PageInfo)
+createNewProblem()
```

+updateProblem(problemDTO : problemDTO) +checkProblemExists(problemId : Integer)

ProblemService