# Project Rubric

You will fill in and submit this column.

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| **Feature** | **Max. points** | **Where** | **Points** |
| Use of encapsulation | 20 | Class Jobs and Class People |  |
| Overloaded constructors | 20 | Class Jobs and Class People |  |
| Use of inheritance | 20 | Class Menu to Agent Menu and Staff Menu |  |
| Use of overriding | 20 | Class Menu to Agent Menu and Staff Menu and also on Class Jobs and Class People |  |
| Use of polymorphism | 20 | Class Menu to Agent Menu and Staff Menu |  |
| Declaration of abstract class | 20 |  |  |
| Declaration of interface | 20 | Interface Action to class JobAction |  |
| Declaration of abstract method | 20 |  |  |
| Use of collections | 20 | Class Main |  |
| Declaration of exception | 20 | Class FileCreateJobList, Class FileCreatePeopleInfo, Class FileReadJobList, Class ReadPeopleInfo, Class WriteListofJobs, Class WritePeoplesInfoFile, Class SearchingJobList, Class SearchingPeopleList |  |
| File I/O | 20 | Class FileCreateJobList, Class FileCreatePeopleInfo, Class FileReadJobList, Class ReadPeopleInfo, Class WriteListofJobs, Class WritePeoplesInfoFile, Class SearchingJobList, Class SearchingPeopleList |  |
| Use of lambda expression | 20 |  |  |
| Declaration of generic class | 20 |  |  |

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| **Criterion** | **Max. points** | **Points** |
| 600+ lines of code | 40 |  |
| Object-oriented design | 40 |  |
| Functionality | 40 |  |
| Robustness (e.g. handling invalid input) | 40 |  |
| Code readability (e.g. Java name convention followed) | 40 |  |

*Note: The maximum is 400 points. If the sum of your points is more than 400, you will get 400 points.*