**Project 3 Design Document**

**Job Class:**

|  |  |
| --- | --- |
| **Knows** | **Does** |
| Job Name  Job Priority  Job Length | Gets/sets name  Gets/sets priority  Gets/sets length of job  Gets total original length of job  Prints the output formatted/table current jobs |

**Scheduler Class:**

|  |  |
| --- | --- |
| **Knows** | **Does** |
| Jobs (in a AHPQ) | Loads jobs from input file and adds to heap  Prints current status  Updates job  Halts scheduler  Prints jobs in queue  Adds a new job  Alter a job priority  Restart scheduler |