# Design Document, Project 3

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| Class Scheduler(AdaptableHeapPriorityQueue)   |  |  | | --- | --- | | Knows:  Inherited class members  (from AdaptableHeapPriorityQueue) | Does:   * Loads jobs from given job file into the AHPQ * Runs at a rate specified from the command line * Print a table of all stored jobs * Runs through all the jobs one by one based on priority * Let user halt scheduler and add new job and alter priority and starts the scheduler again | |

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| --- | --- | --- |
| Internal \_Job class in Scheduler   |  |  | | --- | --- | | Knows:   * Name * Priority * Length | Does:   * Setters and Getters for name, priority and length values * Check valid priority values * Check valid length values | |