USECASE NAME: Allocate Job

**DESCRIPTION:**

The jobs have been allocated to each worker. Over the completion of each task, a profit is set. A delay in a task causing delay in the whole process leads to loss which keeps increasing exponentially through time. The job allocation, sequences the job in such a way that even with delays the loss is minimum.

**ACTORS:**

* ***PRIMARY ACTORS:***
* worker, sequencing manager, profit, job

**TRIGGER:**

When the job is allocated to the workers

**PRE-CONDITIONS:**

* sequence manager should get valid time for each job
* workers should have their job assigned

**BASIC-FLOW:**

* sequence manager has the list of total time for all the jobs as well as profit on the completion of each job
* there is a delay in completion of one job, leading to the delay in completion of other job which leads to a loss
* sequence manager then sequences the job in such a way that loss is reduced even with the delays
* profit with loss, profit without and loss is calculated.

**ALTERNATIVES:**

**none**

**EXEPTIONS:**

* Inaction by primary actor

**LEVEL:**

High level

**POST-CONDITON:**

* Worker completes the job in a specified span of time
* Sequence manager minimises the loss even when there are delays

**STAKEHOLDERS:**

**None**