**DOCUMENTATION (Metric Task)**

Larissa Camila Ferreira da Silva

Laerte de Mesquita Mello Neto

The new file generator is called Metric Task.

This program generates the X, Y, R, job\_names, and user\_table files.

**X file**

Jobs X Metrics (From amazon, microworkers, and upwork) (actual size: 100 X 50)

**Y file**

Jobs X Users (actual size: 100 X 100)

This file was generated considering the following:

For each metric, all the jobs that contain that metric were considered done by 10 users (randomly generated):

4 users had ratings 8-10

4 users had ratings 5-7

2 users had rating 1-4

The rating in the Y matrix is 0 if the job was not done by an user.

**R file**

Jobs X Users (actual size: 100 X 100)

When Y[I,j] != 0

R[I,j] = 1

Otherwise R[I,j] = 0

**Job\_names file**

Actually this file contains 100 job names with random names

**User\_table file**

Actually this file contains 100 users profile (100 user\_name, 100 self rating)