

UNIVERSITÉ LIBRE DE BRUXELLES

DÉPARTMENT D'INFORMATIQUE

INFO-F404

REAL-TIME OPERATING SYSTEMS

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## **Project 1 – Audsley**

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# 1 Simulator

**Implementation choices** The simulator of the single FTP simulator is implemented in a discrete manner from start to stop. For each time steps we execute functions that will update the current running job informations, the different requests (arrivals or deadlines) and will store them in datasets. We choose not to print the different actions during the simulation, since the simulation is used for other commands such as the plotter or the audsley algorithm. The output can be produced by a call to the method `FTPSimulation.output()`.

- necessary to run the full simulation to be sure that it works - Using the hyper period vs calculation with modulo