POZNAN UNIVERSITY OF TECHNOLOGY

Faculty of Electronics and Telecommunication

SIMULATION TECHNIQUES PROJECT

TASK 2

Poznań, 2017

1. Task

a) M1 – activity scanning:
   - Implement event handling (each event should be represented by different class and have function e.g. *execute*) – 7p.
   - Add code, which prints or writes to a file what is happening, to all functions – 3p.

b) M2 – event scheduling:
   - Implement time event handling – 7 p.
     Some events must have access to the event list in order to plan a new event. However you do not have to implement this. Just write a comment, e.g. "add new NameOfTheEvent to the queue"
   - Add code, which prints or writes to a file what is happening, to all functions – 3p.

c) M3 – ABC:
   - Implement time and conditional event handling – 7 p.
     Some events must have access to the event list in order to plan a new event. However you do not have to implement this. Just write a comment, e.g. "add new NameOfTheEvent to the queue"
   - Add code, which prints or writes to a file what is happening, to all functions – 3p.

d) M4 – process interaction:
   - Implement „execute" function for process classes – 6p.
   - Add code, which prints or writes to a file what is happening in "execute" functions – 3p.
   - Add to process classes declaration of "activate" function (definition can be empty) – 1p