SPM Formulas

**SMART: S**pecific, **M**easurable, **A**chievable, **R**elevant and **T**ime

S- designing website   
M- user engagement assessed through testing  
A- uses skills taught in previous university modules  
R- aligns with project purpose   
T- needs to be completed by April 22nd deadline

% inc = ( inc / original no ) \* 100

P.E(pm) = Q.E  (P.S/Q.S)  //this formula used when the only difference between the two projects is the size //if the Q.E has a software which a)incr then do 100+inc/100 b) decrease do 100/100-decr

P.E(pm) = (minE + maxE) /2  // min/max=lower/upper bounds for the recorded effort when 2 past projects are provided, multiply the +- ~

TOTAL FLOAT = LATEST START - EARLIEST START

Risk Exposure (RE)= probability x cost

Leverage = (REbefore - REafter) / cost

Z-score:

If negative: target date is sooner

If 0: on track

If positive: target date is after

s

To DO:

* Effort estimation (Tutorial 1/2/3)
* Activity planning (Activity networks)
* Critical path and making analysis on it (tutorial 4)
* Risk analysis and prioritization techniques
* Risk identification
* Calculation of the risk exposure factor
* Application of PERT, including the use of the table with z values (tutorial 5/6/7)