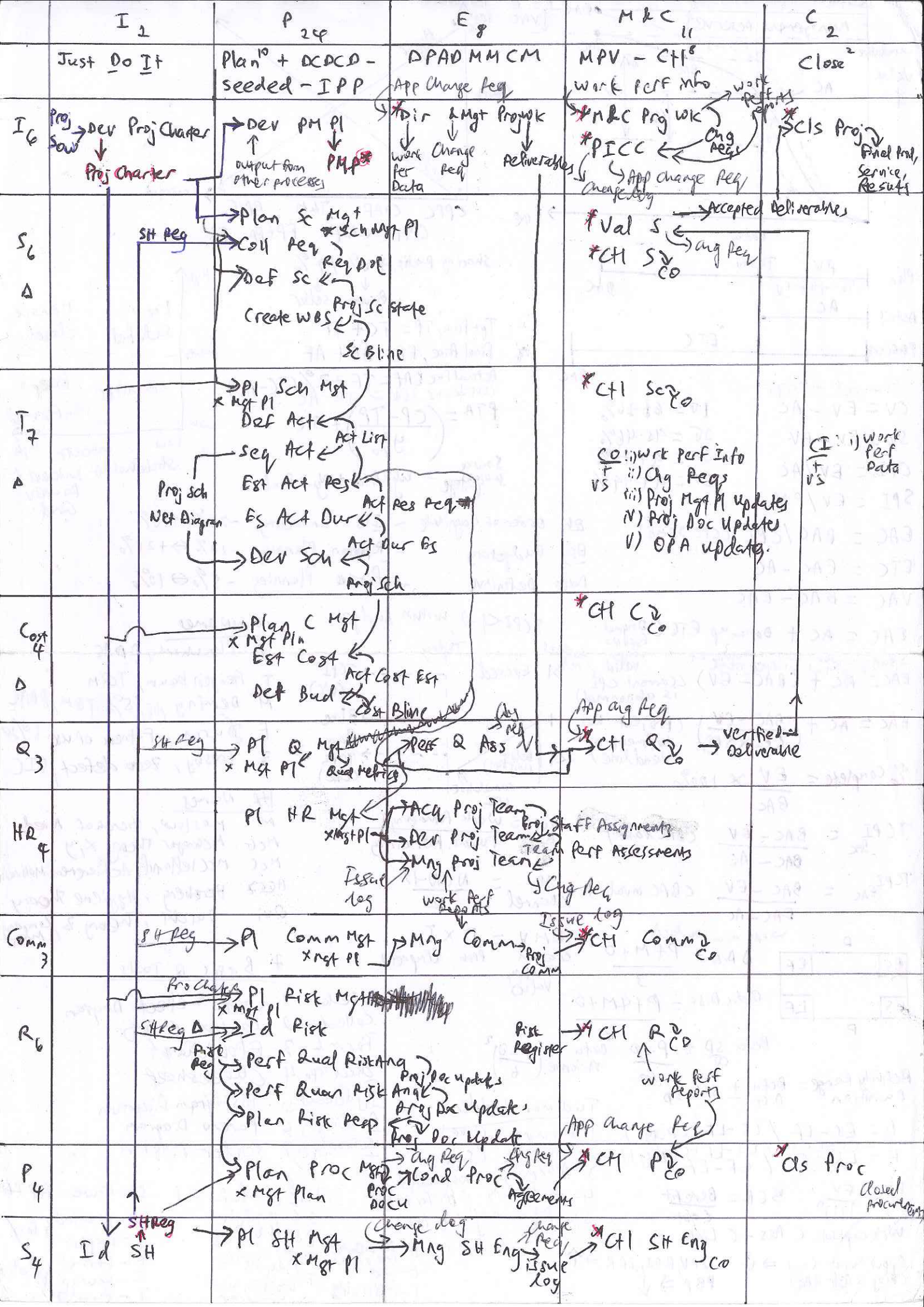
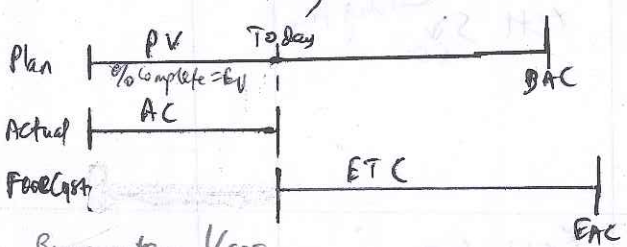
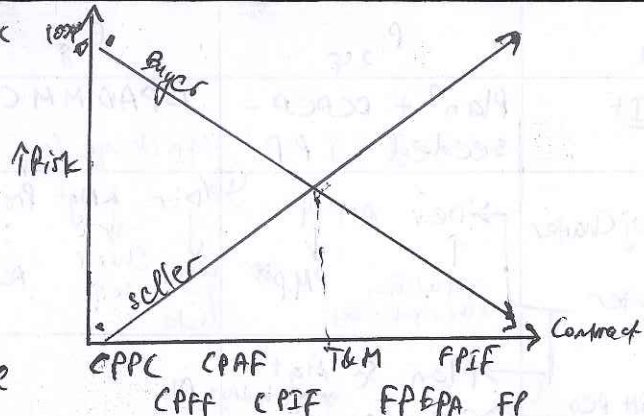
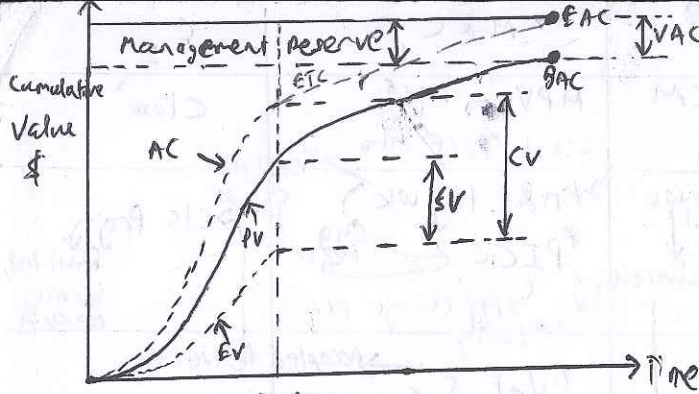
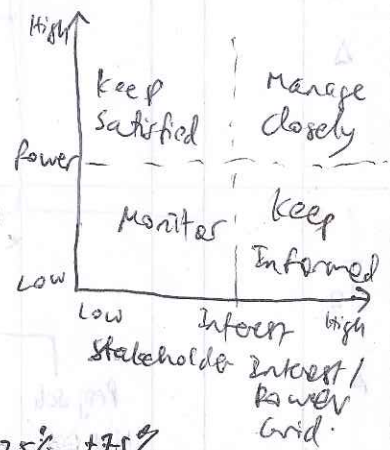






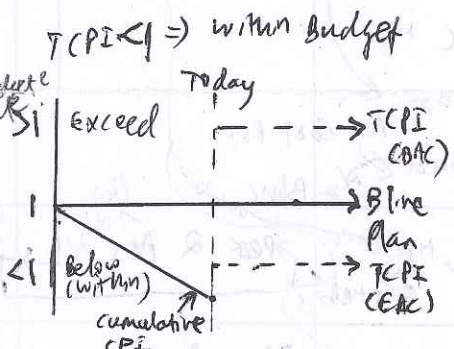
Sharing Ratio $\rightarrow 4\% / 7\%$
 $\downarrow$ Buyer $\downarrow$ Seller
 $T_g + Price, TP = TC + TF$
 $Final Price, FP = AC + AF$
 $Actual Fee AF = TF + \frac{2\%}{100}(TC - AC)$
 $Lost Savings LS = TC - AC$
 $PTA = \left(\frac{CP - TP}{4\%} \right) + TC$
 $Source Selection = w_1 \times Price + w_2 \times Qual$



Burn rate = $1/CPI$
 $CV = EV - AC$
 $SV = EV - PV$
 $CPI = EV / AC$
 $SPI = EV / PV$
 $EAC = BAC / CPI$ (CPI same)
 $ETC = EAC - AC$
 $VAC = BAC - EAC$

Order of magnitude - $-25\% \rightarrow +75\%$
 Buy Budgetary - $-10\% \rightarrow +25\%$
 Design Definitive - $-5\% \rightarrow +10\%$

$EAC = AC + \text{Bottom up ETC (Original Est.)}$
 $EAC = AC + (BAC - EV)$ (current CPI is abnormal)
 $EAC = AC + \left(\frac{BAC - EV}{CPI \times SPI} \right)$ (Project has to meet a deadline)
 $\% \text{ Complete} = \frac{EV}{BAC} \times 100\%$



Quality Names
 P Shewart, PDAC
 T Feigenbaum, TOM
 M Deming, 14, 85%, TOM, PDAC
 F Juran, Fitness of use 80/20
 Z Crosby, zero defect, DIC

$TCPI_{BAC} = \frac{BAC - EV}{BAC - AC}$ (BAC valid)
 $TCPI_{EAC} = \frac{BAC - EV}{EAC - AC}$ (BAC invalid)

$TCPI = \frac{\text{Work Remaining}}{\text{Funds Remaining}}$
 $\chi = \frac{N(N-1)}{2}$

HR Names
 M Maslow, Hierarchy of Needs
 Mcb McGregor Theory X, Y
 McC McClelland, Achievement Motivation
 Herz Herzberg, Hygiene Theory
 Ovi Duichi, Theory Z, Company Men

Beta Dist = $\frac{P+M+D}{3}$
 $\text{Beta Dist} = \frac{P+4M+D}{6}$
 $\text{Beta SD} = \frac{P-D}{6}$
 $\text{Beta} = \left(\frac{P-D}{6} \right)^2$

$EMV = P \times I$
 cleared money value

7 Basic & Tools:

1. Cause & effect Diagram
2. Control Chart
3. Checksheet
4. Flowchart
5. Scatter Diagram
6. Pareto Diagram
7. Histogram

Activity Range = $\text{Beta Dist} + \text{Beta SD}$
 $D = ES - EF / LS - LF$ (days)
 $D = \frac{ES - EF + 1}{LS - LF + 1}$ (days)
 $F = \frac{LS - ES}{LF - EF}$

Tudman Ladder
 1. Forming (five)
 2. Storming (singers)
 3. Norming (normally)
 4. Performing (perform)
 5. Adjourning (& Act)

Clafict: S, R, T, X, P
 S - Schedule
 P - Priorities
 R - Resources
 T - Technical opinion
 PM Power: REF, FAF
 R - Rewards
 E - Expert
 F - Formal
 R - Reward
 P - Penalty

$PV = \frac{FV}{(1+i)^n}$
 $WAC = C. Ass - C. Liab$
 $NPV, ROI, IRR \Rightarrow \uparrow$
 $PBP \Rightarrow \downarrow$