Submitted by: Faraz Taugeer 16L-4005

Date 29th Ture, 20

Introduction to Software Project and Management

Answer(s):

(2) : no. of inputs = (3) [password, acti/dadi, panic buton)

no. of outputs = (2)

no. of tiles: (1)

no. of user inquiries: (2)

no. of external interfaces (4)

Parameters count low average high user-input 3 3 4 6 4 5 7 user-output 2 3 - 4 6 external interface 4 5 7 10 15

total unadjusted functional points = (3)(3) + (2)(5) + (2)(6)+ (4)(10) + (1)(10)= 9+10+12+40+10= 81

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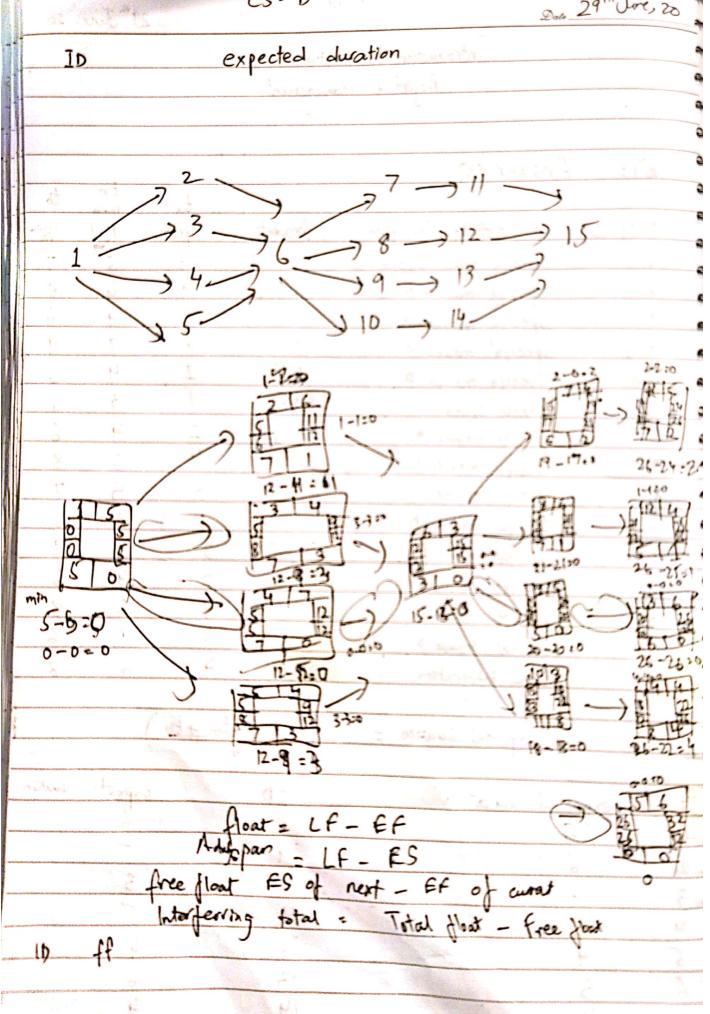
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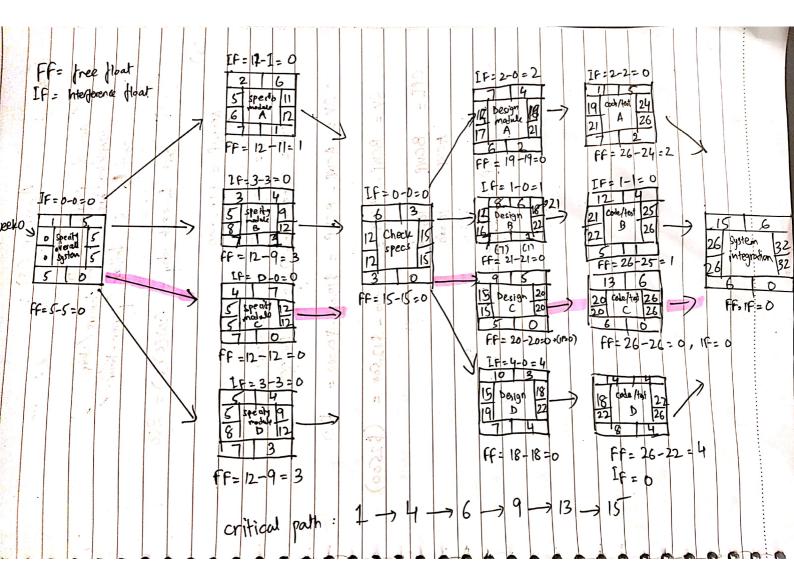
b):
$$981 \times 0.05 = 4.05$$

 $5120 = 81 \times 50 = 4050 = 4.05 \text{ kilo}$
 $9m = A + \text{Size}^{\text{sf}} + \text{em}, + \text{em} + \text{em}_{\text{n}}$
Scale factor $sf = 0.91 + 0.01 + \text{E} \text{ (exponent driver vatings)}$
 $50.91 + 0.01 (3+4+3+1+3)$
 $50.91+(0.01514)$
 $5f = 1.05$
 $5f = 1.05$
 $5f = 1.05$

121:92 pason - months

Cs-B	
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Introduction to Software	a]
Project & Management	
J J	
(a): Answer (s)	tm +
ta ta	Durat
Activity 10 Activity Description Preadents Optimistic	Most Persian
Specify overall system 3	5 7
2 Specify module A 1.4	6 6
3 Specify module B.	7 9
Specify module c	4 6
Specify modulo D 2,3,4,5	3 5
Design module A 2	4 6
Design module B 6 4	6 8
Design module C 6 3	5 7
	3 5
Code/fest module A. 7. 3	5 7
= 12 Code/tot module B 8 2 L	10 6
13 - Code/fost module c 9 .4 6	8 tale
14 Code/test module) 10 2 4	6
15 System integration 11,12,13,14 4 6	8
expected duration = (ta + 4 x tm + tb)	
5 000	
And the second s	cted duration
5 5 6	
2 6	
3 4 600 10 12 120 10 3	
2 4 had sent whole those to the parties of 5	
1 2 4	99 11 -
6 3	
7 4	
7 4 14 4	





Q3): Answer (s):

no. of people = 10

working his = 5 hours/day

cost = 5 dollars/person-hour

cost for each day = (10)(5)(5) = 250

(a) ACWP = \$10,000

BCWS = (250)(50) = \$12,500

BCWP = (250) (50-10) = \$10,000

CV = ACWP - BCWP = \$10,000 -\$10,000 = \$0

SV = BCWP - BCWS = \$10,000 - \$12,500 = (\$2500)

CPE = BCWP = 10,960 = 1

SPI = BCWP = 10,000 = 4 = 0.80

BCWS 12,500 5

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b) The things we can do if our project has slipped from its schedule are:
Nork overtime: It is a feasible option if the project is in the latter part. It should be done for a shorter period of time but it is not fruitful for the longer run causing a few problems like delays etc.
project is in the latter part. It should be
done for a shorter period of time but It is not fruitful
for the longer run causing a few problems
-> Assign critical tasks to exparienced staff:
The tasks with a higher risk should be
assigned to the more efficient lot. Reassign
accordingly as the project progresses
v.
According to the work remaining one can regotiate with the client and lossen the scope accordingly.
According to the work remaining one can regotiate
with the client and lossen the scope accordingly.
for example, if something left is not important to
for example, if something left is not important to the project then it may be verwed.
J
-> Reconsider objected and precedences
Check if yo the sequential activities can be converted
to # parallel. It can be done so by subdividing
the activities for e-g design and cooling parts can be
shifted earlier. However, quality of overall project decreas
the activities for eg design and coding parts can be shifted earlier. However, quality of overall project decreas if too many activities are being done in parallel.
-) Check time-constrained activities
To keep the time frame intact, such activities that have
constant durations regardless of the resources should
be checked. The fine of cuch activities an be
be checked. The time of such activities and be reduced by increasing the working hours by paying more for over-time.
more for over-time.

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Reduce quality: Do not send anything untested for the client. It is not good for the longer run.

Exception planning

Figure out the priorities of the client and work accordingly. This involves other stakeholders apart from the project manager as need

expenses to the training of the section of the sect

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William St. March 100 Falls will At

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