**CPIS-334**   
(Section CA)  
Topic: Time Management (PERT)

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Suppose a team, working on an Online Appointment System Project, used PERT to determinse schedule for each activities. They would have to collect numbers for optimistic, most likely and pessimitic duration estimates for each project activity. Suppose one of the activity was to design Database for the system. Database designer might estimate that it would take 16 days to complete it. Calculate the average duration this activity will take by using PERT formula.

Optimistic time estimate (best case sceniorio): 12 days

Pessimitic time estimate: (worst case scenirio): 30 days