

Appendix D

Duration Estimate

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Duration Estimate

This project uses the **PERT method (three-point estimate)** technique Since has become a popular way to arrive at an average, based on three estimates (Optimistic, Most likely, and Pessimistic Estimate).

The formula for the three-point estimate is:

$$r = \frac{\text{Optimistic} + (4 \times \text{Most likely}) + \text{Pessimistic}}{6}$$

Duration Estimation List						
Project: Business Process Mapping Project				Date: 17 March 2020		
Activity	Resource(s)	Optimistic	Most likely	Pessimistic	Estimated Activity Duration	Reserve
A	Heang Sok	100 hrs	120 hrs	140 hrs	120 hrs	+/- 20 hrs
B	Guanting Li	75 hrs	90 hrs	105 hrs	90 hrs	+/- 15 hrs
C	Jingyi He	75 hrs	90 hrs	105 hrs	90 hrs	+/- 15 hrs