

Project Budget

Project: “Bully Shield”

CSE 327

Group - 7

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Constructive Cost Model:

Software Project Type: Organic

Approximate line of code = 13,000

Coefficient (C)	=2.4
Project Complexity (P)	=1.05
SLOC-Dependent Coefficient (T)	=0.38
Total line of Code	=13,000

- Effort Person Months(PM) = $2.4 * (13,000/1000)^{1.05} = 35.469230$
- Development time = DM = $2.50 * (37.05)^{0.38} = 9.864601$
- Required number of people = ST = $PM/DM = (35.469230/9.864601) = 4$

Budgeting

Developer Salary in 9 Months

Salary Per Working Hours	Total Developer	Calculation
500 Tk	03	$500 * 1440 * 3$
Total = 17,10,000 TK		

Requirement analysis:

Time needed	Requirement analysis person's hourly wage
1 month = 22 Working Days=176 Working Hour)	100tk
Total Requirement Analysis Expense: $100 * 176 = 17,600$ TK	

Transportation cost estimation:

Expense (Approx) = 7,000 TK

Training & Hardware Expenses Estimation:

60,000 TK. (Approx)

Rent Expenses:

Office space rent per month	utilities	Total Month
20,000 TK	5000	9 months
Total in 9 months = $(20,000 * 9) + (5,000 * 9) = 2,25,000$ Tk		

Maintenance (Till 6 Months after Delivery)

Expense per hour: 1200 TK

Total Estimated Time Needed for Maintenance = 80 Hours Total Estimated

Maintenance Expense = $80 * 1200$

= 96,000 TK

Total Estimated Expense:

Developer Salary	17,10,000 TK
Requirement analysis:	17,600 TK
Transportation cost estimation:	7000 TK
Training & Hardware Expanses Estimation:	60,000 TK
Rent Expenses	2,25,000Tk
Maintenance (Till 6 Months After Delivery)	96,000 TK
Total =	21,15,600 Tk

Profit:

Profit = 20% of Total Estimated Cost

= 20% of 21,15,600 TK

= 4,23,120 TK

Project Budget:

Total Estimated Expense:	=21,15,600 Tk
Profit	=4,23,120 TK
Total = 25,38,720 TK	