

Project Name: Rent or Share

Constructive Cost Model:

Project Type : Organic
Co-efficient : 2.4 [P = 1.05, T = 0.38]
SLOC : 13000 Lines
Person Months, PM = $(2.4 * 13^{1.05})$
= 35.470
Development Time, DM = $(2.5 * 35.470^{0.38})$
= 9.70
= 10 Months
= 40 Weeks
= 1760 Working Hour
Required people, ST = PM/DM
= 3.656
= 4 people

Budgeting:

Developer Salary for 10 Months:

Per Developer Salary Per Working Hour = 800 Taka

Total Developer Salary = $800 * 1760$
= 14,08,000 Taka

Requirement Analysis:

Time Needed: 1 Month (22 Working Days = 176 Working Hour)

Requirement Analysis Person's Hourly Wage = 600 Taka

Total Requirement Analysis Expense = $600 * 176$

= 1,05,600 Taka

Transportation Cost Estimation: 25,000 Taka

Training And Hardware Expenses Estimation: 1,50,000 Taka

Rent Expense:

Room per month = 15,000 Taka

For 10 month = 15,000 * 10

= 1,50,000 Taka

Total Utilities in 10 Months: 50,000 Taka

Maintenance (Till 8 Months After Delivery):

Time For Maintenance Per Month = 8 Hours

Expense Per Hour = 1500

Total Estimated Time Needed For Maintenance = 64 hours

Total Estimated Maintenance Cost = 1500 * 64

= 96,000 Taka

Marketing Expense: 50000 Taka

Web Hosting Expenses for 1 Year: 5000 Taka

Backup Storage Cost for 1 year: 10000 Taka

Total Estimated Expense: 14,08,000 + 1,05,600 + 25,000 + 1,50,000 +

1,50,000 + 50,000 + 96,000 + 50000 + 5000 +
10000

= 20,49,600 Taka

Profit:

$$\begin{aligned} 25\% \text{ Of Total Estimated Expense} &= 20,49,600 * 25\% \\ &= 5,12,400 \text{ Taka} \end{aligned}$$

$$\begin{aligned} \text{Total Estimated Expense} &= 20,49,600 + 5,12,400 \\ &= 25,62,000 \\ &= 26,00,000 \text{ Taka} \end{aligned}$$

Total Project Budget: 26,00,000 Taka

Budget Summary:

Expenses	Amount
Developer Salary	14,08,000
Requirement Analysis	1,05,600
Transportation	25,000
Training	1,50,000
Rents	1,50,000
Utilities	50,000
Maintenance	96,000
Marketing	50000
Web Hosting	5000
Backup Storage	10000
Profit	5,12,400
Total	25,62,000
Round figure	26,00,000