

❖ **Economic Feasibility:-**

Costs	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Total
Salaries	0	0	0	0	0	0	0
H/W & S/W	50	50	0	0	0	0	100
Training	10	0	0	0	0	0	10
Support & maintenance	0	0	0	0	10	10	20
<b>Total Costs</b>	60	50	0	0	10	10	130
<b>Benefits</b>							
Benefits from ads	0	0	0	0	1000	1000	2000
Decrease costs	0	0	0	0	0	0	0
<b>Total benefits</b>	0	0	0	0	1000	1000	2000
NCF	(60)	(50)	(0)	(0)	990	990	1870
CNCF	(60)	(110)	(110)	(110)	880	1870	3740

Numbers are in thousands of DHS

NCF: Net Cash Flow

CNCF: Cumulative Net Cash Flow

One period corresponds to one month

H/w and S/w correspond to Hardware and Software respectively

No salary required for a student project.

- The return on investment (ROI):

$$ROI = \frac{\text{Total Benefits} - \text{Total Costs}}{\text{Total Costs}} = \frac{2000 - 130}{130} = 14.38$$

- The break -even point (BEP):

$$BEP = \frac{\text{period.net cash flow} - \text{Cumulative net cash flow}}{\text{Period. Net cash flow}} = \frac{990 - 880}{880} = 0.125$$

$$0.125 * 1 * 30 = 3.75 \approx 4 \text{ days}$$

Hence the Project will take 4 months and 4 days.

- Conclusion:-

Given that no salary is needed for students, the ROI is great, and the implemented ads will inevitably raise the project up to the highest returns.