

## Cost estimation project

**Project about** :- Food for good

**team members:-**

Fady Salama Fayez

Demiana Amgad farag

Ibrahim Samir Ibrahim

Kerolos Medhat

**Department** : software engineering

Section :- (1) Feasibility study to determine our return based on specific cost:

	Year 0	Year 1	Year 2	Year 3	Year 4	Total
<b>Benefits</b>						
<b>Advertisements</b>	-	15700 \$	20200 \$	25 300 \$	38500 \$	99 700 \$
<b>Organic fertilizers</b>	-	57300 \$	98800 \$	124 700 \$	161500 \$	442 300 \$
<b>Total Benefits</b>		<b>73 000 \$</b>	<b>119 000 \$</b>	<b>150 000 \$</b>	<b>200 000 \$</b>	<b>542 000 \$</b>
<b>Development Costs</b>						
Drivers Software Restaurants	30000 \$ 55000 \$ 5000 \$	-	-	-	-	30000 \$ 55000 \$ 5000 \$
<b>Total Development Costs</b>	<b>90 000 \$</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90 000 \$</b>
<b>Operational Costs</b>	-					
Drivers App	-	48000 \$ 8250 \$	92000 \$ 8250 \$	120 000 \$ 8250 \$	132000 \$ 8250 \$	392000 \$ 33000 \$
<b>Total Operational Costs</b>	-	<b>56 250\$</b>	<b>100 250 \$</b>	<b>128 250 \$</b>	<b>140 250 \$</b>	<b>425000 \$</b>
<b>Total Costs</b>	<b>90 000 \$</b>	<b>56 250\$</b>	<b>100 250 \$</b>	<b>128 250 \$</b>	<b>140 250 \$</b>	<b>515 000 \$</b>
<b>PV of Total Benefits</b>		66 363 \$	98 347.1 \$	116 697.22 \$	138 602.6911 \$	420 010.0111 \$
<b>PV of Total Costs</b>	90 000 \$	51 136.363 \$	82 851.23967 \$	96 356.12322 \$	95 792.63711 \$	416 136.363 \$
	(90 000) \$	16 750\$	19 750 \$	21 750 \$	59 750 \$	28 000 \$

Net Benefits (Total Benefits – Total Costs)						
Cumulative Net Cash Flow	(90 000) \$	(73 250) \$	(53 500) \$	(31 750) \$	28 000 \$	
Return on Investment (ROI)	5.24%					
Break event point (BEP)	3+0.53=3.53					
PV	61471.21098 \$					
NPV	sum PV of Total Benefits - sum PV of Total Costs 420 010.0111 \$ - 416 136.363 \$ = 3873.6481\$					



[illegible]