

Description	Amount	Calculations
Total development cost	1020000 EGP	wages (20k EGP/month * 4 developers) + infrastructure and dev tools (5k EGP/month)
Monthly maintenance cost	48000 EGP/month	-
Average orders per day	100	-
Projected order increase due to higher ordering efficiency	130	30% increase
Average price per order	100 EGP/order	-
Average revenue per month	300000 EGP/month	avg. orders per month * avg. order price
Average revenue per month after implementing our solution	390000 EGP/month	(avg. orders per month * avg. order price) + 30%
Error cost reduced per order	1 EGP/order	1% of average order price
Error cost reduced per month	3900 EGP/month	error cost per order * average number of orders per month
Total benefits per month	93900 EGP/month	Cost savings from reduced errors + Increased revenue from efficiency
Total ongoing costs per month	133000 EGP/month	only maintenance costs
Total investment for 1 year	1596000 EGP	Total development cost + (Monthly maintenance cost * 12)
Break-even period (months)	17.00	Total investment per year / Total benefits per month
Estimated ROI for first year	-29.40%	((Total benefits for 1st year - Total investment for 1st year) / (Total investment for 1st year)) * 100

Month	Revenue	Cumulative profit/loss
1	0	-1596000
2	93900	-1502100
3	187800	-1408200
4	281700	-1314300
5	375600	-1220400
6	469500	-1126500
7	563400	-1032600
8	657300	-938700
9	751200	-844800
10	845100	-750900
11	939000	-657000
12	1032900	-563100
13	1126800	-469200
14	1220700	-375300
15	1314600	-281400
16	1408500	-187500
17	1502400	-93600
18	1596300	300
19	1690200	94200
20	1784100	188100
21	1878000	282000
22	1971900	375900
23	2065800	469800
24	2159700	563700

