Financial analysis for a platform of errand delivery service in the same city based on crowdsourcing model

Date	Version	Editor	Notes
12. 5. 2018	v1	Bin Ren	I finish version 1 of financial analysis.

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Created by: Bin Ren		Date: 12. 5. 2018			
Note: Change the inputs, shown in green below (i.e. interest rate, number of years, costs, and benefits). Be sure to double-check the formulas based on the inputs.					
Discount rate	**8.00%**				
Assume the project is completed in Year 0			**Year**		
	0	**1**	**2**	**3**	Total
Costs	**34,760**	**400**	**400**	**400**	
Discount factor	1.00	0.93	0.86	0.79	
Discounted costs	**34,760**	**372**	**344**	**316**	**35,792**
Benefits	**0**	**30,000**	**30,000**	**30,000**	
Discount factor	1.00	0.93	0.86	0.79	
Discounted benefits	**0**	**27,900**	**25,800**	**23,700**	**77,400**
Discounted benefits - costs	(34,760)	27,528	25,456	23,384	**41,608** ← NPV
Cumulative benefits - costs	(34,760)	(7,232)	18,224	41,608	
ROI ————————→	**116%**				
				Payback in Year 3	
Assumptions					
Enter assumptions here					