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# Acme-Hacker Rank

Cost document

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In this document we will explain the costs of the Acme-Hacker Rank Project, which lasts 28 days. From March 29, 2019 to April 25, 2019.

The project's working group is composed of five workers; a Project manager and four junior developers.

## Direct costs

It has been assumed that all workers are full time and 100% dedicated. In addition to the gross salary the company must pay a cost for each worker, as they are full-time, you must pay 29.9% of the total gross salary.

The total gross salary of the workers is €3,954.76 and social costs of €1,262.45.

The total costs without VAT are €5,217.21.

The total costs with VAT are **€6,312.82**.

**\*\*To see the breakdown, see Annex**

## Indirect costs

The equipment must be amortized by 25% per year, in a maximum of 8 years. In this Project we consider 4 years with equipment of € 1,000, so the daily amortization will be € 0.69.

As the duration of the Project is 24 days and 5 workers:

The indirect cost are in total  $0.69 * 24 * 5 =$  **€ 82.80**

## Risks

Because it is a small Project that lasts only 24 days, we are going to assume that there are no risks of the type of salary increases, losses, delays, etc.

## Earnings

The earnings will be 20% to the total of the direct and indirect costs.

The sum of direct and indirect costs:  $€ 6,312.82 + € 82.80 = € 6,395.62$

Earnings:  $20\% \text{ of } € 6,395.62 =$  **€ 1,279.12**

Total Project costs

TOTAL COSTS	
Direct costs	€ 6,312.82
Indirect costs	€ 82.80
Risks	€ 0
Earnings	€ 1,279.12
Total	€ 7,674.74

**Hours worked**

Position	Meetings	Studing/Class	Developing	Testing	Documentation	Delivery	TOTAL
Project manager - María	5,8	14	38,3	18,02	10,09	9,53	95,74
Junior developer - Antonio	5,8	14	54,36	18,83	3		95,99
Junior developer - Fernando	5,8	14	41,79		4,82		66,41
Junior developer - Álvaro	5,8	14	29,57	24,57	4,38		78,32
Junior developer - Julia	5,8	14	41,5	28,26	3,7		93,26
Total per task	29	70	205,52	89,68	25,99	9,53	429,72

## ***DIRECT COST***

Position	Annual gross salary	Gross salary /hours	Total hours worked	Total gross salary	% social costs	Social costs to the company	
Project manager - María	45.000,00 €	13,40 €	95,74	1.282,92 €	29.90%	383,59 €	
Junior developer - Antonio	27.000,00 €	8,00 €	95,99	767,92 €	29.90%	299,60 €	
Junior developer - Fernando	27.000,00 €	8,00 €	66,41	531,28 €	29.90%	158,85 €	
Junior developer - Álvaro	27.000,00 €	8,00 €	78,32	626,56 €	29.90%	187,34 €	
Junior developer - Julia	27.000,00 €	8,00 €	93,26	746,08 €	29.90%	233,07 €	
Subtotals (without VAT)				3.954,76 €		1.262,45 €	
Total (without VAT)							5.217,21 €
Total (with VAT)							6.312,82€

