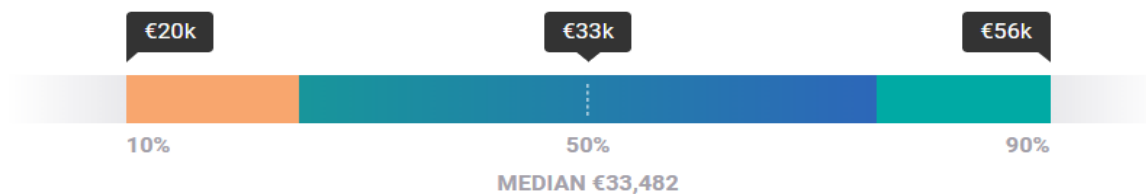# Acme Hacker Rank – Budget report

In this report, we disclose a full budget for project Acme Hacker Rank, including personnel costs, services and amortization of sensitive material. With this budget, we aim to approximate to the best of our abilities as a development team the real costs a project of this magnitude would have in a formal setting.
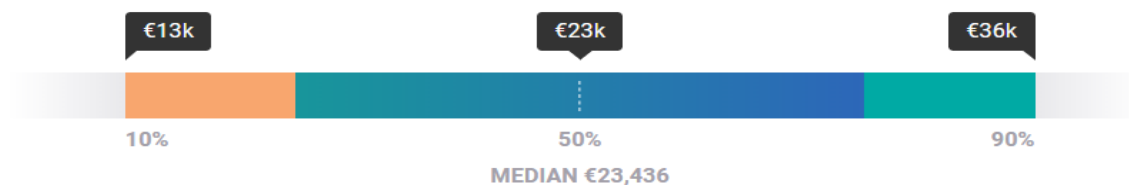
1. Personnel costs

The full time allocation for each of the five members of the development team that we have estimated has been of six hours of work and four hours of class, for a total of 10 hours for a project to be delivered at an A level. That brings a total of 30 hours, at a work rate cost of 14,5€ per hour for the project manager and 12,3€ for the junior programmers, which is within the standard wage and assuming we are beginners.

These prices per hour have been obtained from the following information and calculations:

The average pay for a Project Manager, Software Development is €33,482 per year.

The average pay for a Java Software Developer / Programmer with Java skills is €23,436 per year.

In the next table we will show the costs with real hours of work per role.

Perfil	Net salary/ month	Net salary/ year	IRPF	S.S	Gross salary	Total cost	PVP	PVP/ month	Price/ hour	Hours	Total price
P. M	1500	18000	0,13	0,0635	21483	27927,9	33513,5	2792,79	14,55	37	538,35
J. P	1300	15600	0,1	0,0635	18150,6	23595,78	28314,9	2359,58	12,29	37,5	460,88
J. P	1300	15600	0,1	0,0635	18150,6	23595,78	28314,9	2359,58	12,29	36,5	448,59
J. P	1300	15600	0,1	0,0635	18150,6	23595,78	28314,9	2359,58	12,29	42	516,18
J. P	1300	15600	0,1	0,0635	18150,6	23595,78	28314,9	2359,58	12,29	35,5	436,3
J. P	1300	15600	0,1	0,0635	18150,6	23595,78	28314,9	2359,58	12,29	37	454,73
											2855,03

2. Services and amortization

The allocated budget to services represents 1% of our budget, and based on personnel costs, it amounts to 157,5€. These services include electronics maintenance, training in new technologies, and usage of electricity and other necessities.

Amortization of the computers used by the development team takes up 1% of our budget. Based on the allotted 10 hours per worker, for six medium range computers averaging 1.100€ worth to be amortized over four years, our amortization budget amounts to 17,2€ per week, for a total of 103,2€ in amortization.

3. Other costs and total budget

The total cost of the project is as follows:
● Personnel costs: 2.885,03 €
● Service costs: 157,5 €
● Amortization costs: 103,1 €
● Total: 3.115,7 €
● **TOTAL (IVA): 3.769,94 €**

With this budget, the development team is able to produce a solution to the request for the Acme Hacker Rank project in four weeks time, at a quality level of A according to project specification.

4. Bibliography

Information on minimum, annual and average wages in Spain:
https://www.payscale.com