Tarea	Tiempo estimado (horas)	Rol
Planning report base	0.5	Manager
Budget report base	0.5	Analista
Implementación shouts	2	Developer
Progress report	4	Manager
Implementar tasks	3	Developer
Probar los requisitos del nivel C	2	Tester
Task Anonymous	1	Developer
Shout Administrator	1	Developer
Task Administrator	1	Developer
Drop Downs	1.5	Developer
Update Attributes in Task	0.5	Developer
Check Task Functionality	0.25	Tester
Check Shout Functionality	0.25	Tester
Task Validation	0.5	Developer
Shout Authenticated	1	Developer
Task Authenticated	1	Developer
Improve Task Listing View	1	Developer
Checkbox For Task Creating Form	0.5	Developer
Manager Principal	1.5	Developer
Project Name, Banner and Image	0.5	Developer
Budget Report	1	Analista
Planning Report	1	Manager
Order And Filter Task And Shout Listing	2	Developer
Show Task Details	1	Developer
Admin's Dashboard	1.5	Developer
Spamword entity, creation form, listing and view	1	Developer
Workplan entity, creation form, listing and view	1	Developer
Order And Filter Workplan Listing	2	Developer
Show Workplan Details	1	Developer
Admin's Dashboard And Chart (workplan information)	2	Developer
Readme File Update	0.5	Manager
Delete Acme-Jobs Classes	3	Manager
Validation Of Moments Of Task	1	Developer
Fraction That Represents The Minutes Of The Task Workload	1	Developer
Validation Of Number Of Hours Of A Workload	0.5	Developer
Update And Delete Tasks	1.5	Developer
Checking the Website	0.5	Tester
Making Sure Delivery1 Documents Are Done	0.5	Manager

Move Manager package to roles	1	Manager
Update planning report	0.5	Manager
Chart of workplan	1.5	Developer
Disallow shout functionalities for authenticated users	0.5	Developer
Disallow listing unfinished tasks for authenticated users	0.5	Developer
SpamThreshold entity, with update functionality	2	Developer
Shout spam validation	1	Developer
Task spam validation	1	Developer
Workplan spam validation	1	Developer
Update budget report	0.5	Developer
Check validations	1	Tester
Increase number of database entries	0.5	Developer
Making sure that no unwanted controller is available	2.5	Tester
Improve spam detection algorithm	1	Developer
Update framework	1.5	Developer
Deploy on Clevercloud	4	Developer
Correct workload validations	1	Developer
Update UML	0.5	Analista
Order tables according to the requirements	2.5	Developer
Hide buttons when they're unneeded	0.5	Developer
Making sure the dashboard is fine	0.5	Tester
Spamword testing	1.43	Tester
Shout testing	4.30	Tester
Task testing	0.85	Tester
Sonar Lint analysis	0.80	Analista
Bad smell corrections	1.42	Developer
Changelog report	1.01	Manager
Lint report	0.04	Manager
Make comments on tests	0.57	Developer
Negative test using url	0.77	Tester
Feature model report	1.57	Manager
Data model report	1.24	Manager
Double check website	2.06	Tester
Team member report	1.42	Manager
Progress report	0.4	Manager
Negative tests of signup	0.47	Tester
Negative tests	1.34	Tester
Update progress report	0.37	Manager
Update changelog report	1.16	Manager
Workplan report	1.25	Manager
Budget report	1.25	Manager

Credential report	0.03	Manager
Dashboard test	0.95	Tester
Extend team member report	0.21	Manager
Negative tests of sign up	0.47	Tester
Test user features	2.25	Tester
Test language change	0.77	Tester
Test spam threshold features	3.71	Tester
Update and check Lint report	0.3	Manager
Update and check data model report	0.17	Manager
Update and check feature model report	0.78	Manager
Update and check changelog report	1.86	Manager
Test negative cases of manager task	0.61	Tester
Test listing shouts not older tan a month	0.7	Tester
Test task order	0.36	Tester
Test that all Anonymous tasks are correct	1.48	Tester
Test that all Authenticated tasks are correct	0.23	Tester
Transfer certain parts of changelog to lint report	0.53	Manager
Add roles to feature model report	0.32	Manager
Complete tests	0.43	Tester
Check the website	1.86	Tester
Finish the planning and Budget reports	0.48	Manager
Finish the progress report	0.37	Manager
Change the minute part of workloads	0.58	Manager
Analyze project perfomance	0.37	Manager
Analyze project perfomance	0.37	Tester
Perfomance report	0.7	Manager
Lint Report	0.57	Manager
Workgroup report	0.48	Manager
Compare perfomance analysis	0.48	Manager
Compare perfomance analysis	0.48	Tester
Workplan report	0.48	Manager
Budget report	0.37	Manager
Progress report	0.57	Manager

Tiempo total de cada rol:

- Manager: 16 horas y media
- Analista: 2 horas
- Developer: 31 horas y media

- Tester: 4 horas

Rol	Precio por hora	Horas	Importe
Manager	25€	16.58	414.5€
Analista	25€	2.8	70€
Developer	15€	51.49	807.25€
Tester	15€	30.59	458.85€
		Total	1750.6€

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