

Astrea Project Charter - Project Exhibition

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October 2, 2016

1 Planning of the project

1.1 Identification of the tasks and description of the tasks

ID	Work Package	Biref task description list
7.1	Constellation Simulation	Perform a simulation of the constellation
7.2	Satellite Render	Develop and assembly of the 3D CAD design by completing the elements previously modelled and creating the missing ones. Perform a animated demonstration of the different elements of the satellite.
7.3	Satellite mockup	Select the materials for the mockup Determine the manufacturing methods Set, test and record the functionalities implemented.

1.2 Interdependency relationships amogn tasks and human resources and level of effort

ID	Work Package	Time (h)	Prelations
7.1	Constellation Simulation	10	BF - 2 BF - 3
7.2	Satellite Render	15	BF - 2
7.3	Satellite mockup	25	BF - 7.2

2 Budget

2.1 Engineering hours budget

Work Package	Time (h)	Labour cost (eur)
7-Project Exhibition		
7.1-Constellation Simulation	10	200
7.2-Satellite Render	15	300
7.3-Satellite mockup	25	500
Total	50	1000
Total estimated	50	1000

2.2 Preliminary total cost budget

Work Package	Product cost(eur)	Time (h)	Labour cost (eur)
7-Project Exhibition			
7.1-Constellation Simulation	0	10	200
7.2-Satellite Render	0	15	300
7.3-Satellite mockup	50	25	500
Total	50	50	50
Total estimated	50	50	1000