

Student teams are ranked, based on the project points they score, according to the criteria described below:

CRITERIA	POINTS MULTIPLIER	INSTRUCTIONS TO FILL
Compliance with the top-level requirements of the mission: penalties if not compliant	N/A	If the mission is not compliant with any of the high-level mission requirements, the following penalties apply: - Overall duration of the mission (until end of life) above 5 years: -1 point - Total satellite volume above 27 U: -1 point - Satellite not capable of guaranteeing the correct attitude during periselenium pass: -1 point - Satellite not capable of transmitting back the payload data within its lifetime: -1 point - Periselenium altitude of the fly-by above 100 km: -1 point - Ground segment not based on ESA network or using non-specified bands: -1 point
Project consistency, risk analysis, and physical soundness	0.3	Give points according to the criteria below: 0-3: The project is not consistent at all and no risk analysis has been carried out 3-6: The project shows some consistency and includes a minimal risk analysis 6-9: The project is consistent with discrete physical soundness and includes a risk analysis 9-10: The project appears to be extremely sound, consistent and shows a detailed risk analysis
Mission performance	0.1	Give points according to the criteria below: 0-5: The mission performance is worse than the minimal defined by the top-level requirements 5: The mission performance barely meets the minimal top-level requirements (e.g. it features the maximum allowed duration, the max. allowed satellite volume, 1 fly-by, etc...) 5-10: The mission performance is better than the minimal defined by the top-level requirements
Solution innovativeness	0.1	Give points according to the criteria below: 0-3: The project presents no innovations and is a copy-paste of another existing design 3-6: The project shows some minor innovation in at least one subsystem 6-9: The project shows a major innovation in at least one subsystem, or minor innovations in several subsystems 9-10: The project design is highly innovative in several subsystems
Document quality	0.2	Give points according to the criteria below: 0-3: Poor or non-existent sectioning or format; understanding the report is nearly impossible because of its low quality 3-6: Moderate quality and sectioning, but still lacks a clear structure, format. The writing quality is mild 6-9: Great structure, format, and writing, including cross-references, etc. 10: A prime example of document quality
Presentation quality	0.15	Give points according to the criteria below: 0-3: Poor presentation because of inappropriate language and presented contents 3-6: Moderate quality of the presentation, but still lacks a clear overall view of the design 6-9: Great presentation providing a clear overall view of the mission design 10: A prime example of presentation quality
Team management and organization	0.075	Give points according to the criteria below: 0-3: The tasks of the different team members have not been defined at all, and the overall logic of the development is mysterious 3-6: The tasks of the different team members have been defined and the work split between the members, although it lacks a clear definition of the development logic 6-9: The tasks of the different team members have been clearly defined and a clear development logic can be appreciated 10: The work shows an outstanding logic in both the tasks assignment and the development plan
Correct usage of NANOSTAR resources, tools, and methodology	0.075	Give points according to the criteria below: 0-3: No usage of NANOSTAR resources, tools and methodology 3-6: Limited use of some of the resources, tools and methodologies 6-9: Relevant use of NANOSTAR resources, tools and methodologies 10: Use of all possible NANOSTAR resources, tools and methodologies
Team size, multidisciplinarity, gender balance, and interinstitutionality	N/A	Sum bonus points, or subtract penalty points, based on the following team characteristics criteria: +0.2 to total project points, if both genders are represented +0.4 to total project points, for inter-institutional teams -0.2 to total project points, for every student above the recommended number of 5 students