

Declaration of originality

I declare under my responsibility that the Project presented with the title **“Development of a predictive Digital Twin for remote operation of NASA’s RASSOR rover under Communication latency”** at the ICAI School of Engineering of the Comillas Pontifical University in the academic year **2025/2026** is of my authorship and has not been presented previously for other purposes. The Project is not plagiarized from any other, either totally or partially, and the information that has been taken from other documents is duly referenced.

Use of Artificial Intelligence¹

I declare under my responsibility that (indicate the correct option):

☐ I have not used Artificial Intelligence in the preparation of this document.

☒ I have used Artificial Intelligence in the preparation of this document and/or Annex B under the conditions allowed by Comillas Pontifical University, i.e. applying Level 2 of the Perkins et al. (2024) Assessment Scale: "AI can be used for pre-task activities such as brainstorming, description and initial research. This level focuses on the use of AI for planning, synthesizing and generating ideas, but assessments should emphasise the ability to develop and refine these ideas independently". Specifically, Artificial Intelligence has been used to:

(indicate here the concrete use that has been made of Artificial Intelligence)

AI was used for brainstorming, structural planning, translation support and generation of images during the development of Annex B and Memory.



Signature (student): VICTORIA ROBLEDILLO NÚÑEZ

Date: July 10, 2026

¹ This declaration refers to the use of generative Artificial Intelligence to carry out the Project documents (Annex B and Memory). It does not apply to Projects where, by their nature, artificial intelligence must be used as part of them (application of machine learning techniques, neural networks, data analysis...).

Authorisation for Project delivery

Thesis supervisor	Thesis deputy supervisor (if any)
<i>Luis Rabelo</i>	
Signature: Luis Rabelo	Signature:
Date: July 11, 2026	Date:

I checked also iThenticate (10% - great value) and also GTPZero (Insignificant)