

PROBLEM SOLVING IN TELEMATICS (TLMG1002)

FINAL EXAM 2019-1T – 27/08/2019

Student:

ID:

I, the undersigned, hereby declare that I agree to fulfill as a student the Ethics Code from ESPOL, regarding the "Behavior of the Polytechnic Community" in all its articles. Otherwise, I will accept the sanctions that ESPOL may have on me.

Signature:

PROJECT NAME:

Regarding the project you were developing throughout the semester based on the design thinking methodology, answer the following:

- I. Explain the difference between the methodologies of “*design thinking*” and “*engineering thinking*”.
- II. Explain the approach when contacting a potential client before developing your project.
- III. Describe the economic profitability analysis that you propose for your project.
- IV. Sketch the final version of your prototype.
- V. Explain at least one shortcoming found at the end of the prototyping stage.
- VI. Was it possible to implement your proposal in a real life scenario?
- VII. What other disciplines were involved in the development of your project?
- VIII. What do you think is the best approach for your project to fit in a small and medium enterprise (SME)?
- IX. What components do you think have to be included in your project for a further work?
- X. Provide a self-evaluation of your participation during the development of your project.