

SUMMARY

The “Técnica del Norte” University is an institution of higher education, public and accredited, its mission is to train excellent professionals, that’s why they work to improve the quality of the education everyday and all process carried out inside it. “The Direction of the Technological Development and Informatics’ of the “UTN” is to improve the academic process being more efficient. It has developed some modules connecting to the main central system existent to improve the attention of all the users of the university.

In chapter 1, the problem is declared, the current situation and justification to perform this project of thesis, in addition, it is detailed the main and specific aims, they will give the patterns to the improvement and the solution to some problems in each process.

In chapter 2, it is defined the theoretical framework from the project in which it is described, the methodologies to the development of the system and the fundamental parts of the process also procedures in which they will serve to the development of the documentation.

In chapter 3, it is defined the process which must be automated considering the norms to be used and the formats currently used by the UTN.

In chapter 4, it has implemented and documented the steps which use the methodology of the development of software which was elected for this project, in this case RUP. It has performed all the documentation of the system, in accordance to necessities of the institution.

In chapter 5, it is presented the analysis cost-benefit of the application of these modules, as well as the conclusions and recommendations of this project.