



UNIVERSITAT POLITÈCNICA DE CATALUNYA
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Study of the feasibility of launching a new route from Doha to Buenos Aires by Qatar Airways

Document:

Budget

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FINAL DEGREE THESIS

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Thesis schedule

In order to estimate the budget for the implementation of the present thesis, the schedule initially planned in the Project Charter for its development should be retrieved (see Figure 1).

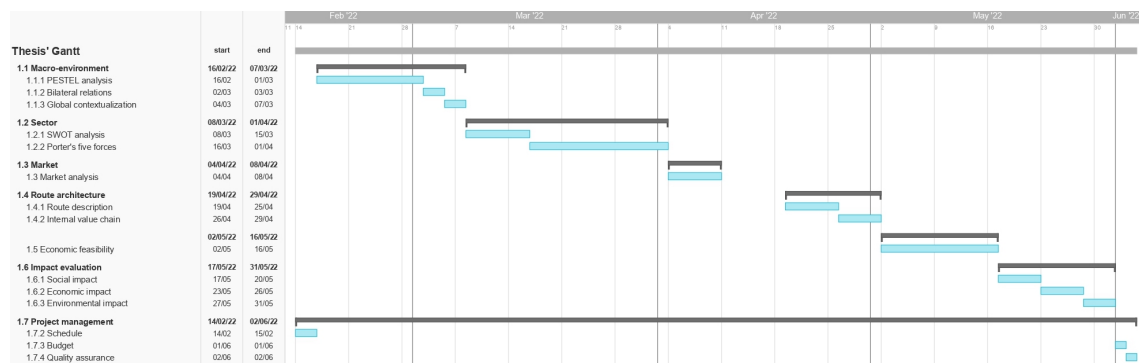


Figure 1: Gantt chart of the development of this thesis.

Once the thesis has been finished, it is save to affirm that this schedule was followed very precisely, which not only allowed the monitoring of the thesis evolution itself during these months, but will also be very helpful for the completion of an accurate budget.

The schedule was planned based on the total recommended dedication in amount of hours to the final degree project. Though it is true that some days the amount of time invested in it was over the planned and some others it was under, the amount of dedication can be genuinely rounded to 4 hours a day, which sums up to a total of 300 hours.

Required softwares

Although most softwares required for the development of this thesis were either free of charge or could be replaced for a similar option that was, two of the softwares used required to have a paid license.

On one had, data from the [World Tourism Organization](#) (UNTWO) was needed for the estimation of the current market of the currently available alternative routes. In spite of the fact that this information could be accessed with the license granted to another university, the actual cost associated to this service was 7 € for every country that needed to be looked up, which can be rounded to a total of 42 countries, which translates to final amount of 294 €.

On the other hand, the software used for the computation of the flight time was [MATLAB](#). Luckily, the Polytechnic University of Catalonia has an agreement with the company that allows its students to have access to the software free of charge. However, the actual cost of this program without the mentioned agreement is 35 € for students at any degree-granting institution.

All in all, the total cost of the softwares required for the implementation of this thesis, without accounting for any mentioned access privileges, is 329 €.

Budget

Once the actual dedication to the present thesis and the cost of the required softwares have both been determined, the final budget can be compiled.

Accounting for a consultancy fee to an aerospace technical engineer of 50 € per hour, the budget needed for the implementation of this thesis is as described in Table 1.

Table 1: Budget for the implementation of this thesis.

Concept	Cost
Consultancy fees	15,000 €
Required softwares	329 €
Total	15,329 €

Accordingly, the total cost of the present thesis is 15,329 €.