Reflective Diary 0
Project in Wireless Coimmunication (EQ2440)

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1 Reflection as a CEO (Chief Executive Officer)

In the very beggining of the Project the most important and long task has been to develop the Project Plan. As a CEO of the Project, sharing the same status as Animesh, I have collaborated in the elaboration of the mentioned Project Plan. My recent background in the field (I took the course Project Management in the Period 1 of this school year) has helped me a lot in the structure and content that a project plan should follow and contain.

The small size of the group and the good its good atmosphere have helped to distribute the roles and the tasks, comming to an end easily.

Regarding to the Gantt Chart, it has not been done. Contrary, it has been done a Schedule showing the different tasks, responsibles, kind of tasks and date to be ready that I found very useful when I did the course *Project Management*. Due to the small size of the project (8 weeks) it has been enough and clear to planify it.

The result of the work in this section is the *Project Plan* that can be found in the Group web and in the GitHub folder.

2 Reflection as a CIO(Chief Executive Officer)

As I am simultaniusly the CEO of the group and the amount of work in the management section has been considerably higher, there are not meausrable results in the theory part. Anyway, all the CIOs have agreed in the approach of the problem that the project gives. The decided approach follows:

- Start by the echo cancellation. Because of any of the project members has a background in echo cancellation, it will be the most difficult part in the theory part. Therefore it has been chosen as the first problem to solve. Anyway, the algorithms to use will be taken from the same background theory as the de-noising, fact that will help in the readying part.

- Continue with noise cancellation. In this case we are going to follow exactly the same model as the one learned in the course *Adaptive Signal Processing (EQ2400)*. See *Figure 1* and *2* in the *Project Plan* to get familiar with the environment and the model to use.

- The real time problem will be faced in the last part of the modelation, further during the project implementation.