

DESIGN REPORT: GROUP 44 STUDY PLAN

As a student following a master program, in this case, the Master Computer Science or the Master Business Information Technology, there is a need to fill on the study plan form which is based on some obligatory courses as well as several Electives. For each student, it is required to choose subjects up to at least 120ECs, with the current system the student can submit the form if it is less than the required number, which is against the rules. The main purpose of the project is to take away as much manual effort as possible for the mentor to validate the submission and check if the form is standard to the rules before it is sent to both mentors. In the end, all the submissions should be stored in a simple database where the stakeholders can have access to check the information.

Students mainly require that the system should notify them before they submit the form if the ECs are less or equal to 120, in this way, it would be easier for the mentor since the total ECs will be already checked and calculated. In addition, the system will store the submitted forms so the student will be able to see the status of the submission and will have access to edit it whenever the student wants.

Differently, Mentors will benefit from the new system the most, the new system will reduce the time and the effort that the mentors had to take to check the submissions by organising the forms in a queue where each form is either approved, rejected or pending and mentors will be able to add comments on the study plan so students could receive good feedback. Also, the submitted forms will be sent to both mentors by email after the student submitted. The new system will Archive the study plans and let mentors leave information for the students so it would be easier for them to fix their study plan. It would generally make the process of validating study plans more agile.

To achieve the requirements mentioned above, we have decided to implement an application design visual maintaining the essence of the University webpage. Whereas the student webpage is really plain, mainly focused on filling the form and warnings based on the requirements, the mentor page is designed placed on the idea of an email application. On the left side, they will be able to select the “inbox students” and automatically they will see in the rest of the screen the complete file of the student with their corresponding information. On the bottom of the screen is placed a small box where the mentors are able to write any comment and a filter where they could choose templates for frequent topics. Finally, in the upper part, there will be 4 different labels, one for the current page, the inbox; another one for the archive forms(for the ones that didn't achieve the 120ECs); the approved forms; and a form editor.

In conclusion, the main requirements demanded by the customer will be implemented with the purpose of providing a less time-consuming system. The time previously used to count and review the form of a single student can now be used for more than one, thus saving the stakeholders time to stop in cases that require more attention.