CONCEPT

FREE STYLE

PROCESS OPTIMIZATION

Sharing knowledge at DTU

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INTRODUCTION

This project deals with how students and educators at DTU can share knowledge in a more efficient and sustainable manner. Students are now using both digital platforms and at the same time printed paper. This is not beneficial considering the separation of communication media and also raised environmental impact caused by the printing system. This system is again not structured in an optimized way which again cause an unnecessary use of resources. Instead of just reducing the negative environmental impacts from printed paper including; power, paper and toner this project aims to turn the situation around and focus on what printed paper represents: the sharing of knowledge. It is also a fact that DTU as an institution want to be among the best regarding educational practice, while also embracing new ways to be more efficient and sustainable.

METHOD

This concept has been based upon an Life cycle check and MEKA on the present use of printed paper and related technology at DTU. This was followed by a schematic overview of the different stakeholders and their related activities. The stakeholder's contribution was taking into consideration though interviews and observations. All of this has been used to make qualified estimations on environmental and social impact which has made the framework for development of this concept.

CONCEPT

The digital and the physical (printed paper) platform for translation of knowledge are being used at the same time. This leads to an unnecessary high use of resources among students and educators in relation to the use of printed paper and the related technical network. The noticed trend is that both students and educators are moving from the physical to the digital platform but not simultaneously and it is happening in a very incoherent manner. The concept tries to increase the academic level among students at DTU and at the same time improve the knowledge sharing between students and educators but also the shared knowledge internal between different departments of DTU; LearningLab, IT-service, students and educators. This concept also deals with the issue of reducing the high use of resources related to the printed paper and the related technical network. It is important that somebody is made responsible for knowledge sharing and doing this in a sustainable manner. This responsibility will be placed on a taskforce containing employees from both LearningLab, IT-service, educators and also students. Basically there is no need to hire help from outside - there is just a need for some reorganization. All of this will lead to coherence all through DTU regarding knowledge sharing both the digital and physical platform. LearningLab is responsible for teaching students and educators in knowledge sharing methods and printing. It-service is responsible for the main technical system and the digital platform. Each institute have their own technical support which is in charge of the local set up within the data bars. A new task force consisting of students, educators and employees from both of the groups mentioned above is responsible for *good knowledge sharing*. With the involvement of key stakeholders though the taskforce we make sure that these stakeholders share relevant knowledge on the subject and that they get a higher degree of ownership towards the concept.