



PASSPORT PHOTO PROGRAM
GROUP B205
SOFTWARE
DEPARTMENT OF COMPUTER SCIENCE
AALBORG UNIVERSITY
THE 20TH OF DECEMBER 2011

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Title:

Passport photo program

Theme:

Programmatic image editing

Project period:

P1, fall 2011

Project group:

B205

Participants:

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Finished: 20/12-2011

Synopsis:

In this report it will be documented that there is a problem with passport photos and explained why the rules of passports are needed in the modern community. These chapters will lead up to a statement of the problem which will be used in the development of a solution.

The solution will be a program based on the programming language C, so there will not be any user interface. There will be a chapter describing how the structure of the program will be, and the reason behind the construction. There will also be a section about the reflections made, when the program was being made.

One of the last chapters will concern the testing and conclusion of the finished program. What could have been done better to the program and why does it not work, if that is the case. This chapter will also concern the reflection on the product to see if it actually solves the problem or why it does not solve the problem.

The product of the project is a program which helps the user to crop and scale a passport photo as well as asking the user questions regarding the passport photo rules from the police.

Source of front page picture:

<http://www.frederiksberg.dk/Borgerservice/PasOgKoerekort/Pas.aspx>

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Prolog

This project has been made by Rasmus Fischer Gadensgaard, Christian Jødal O’Keeffe, Casper Plejdrup, Aleksander Sørensen Nilsson, Niels Brøndum Pedersen, Mette Thomsen Pedersen and Dag Toft Børresen Pedersen from Denmark. We are group B205. The project began on 14.10.2011 and was finished on the 20.12.2011, at the University of Aalborg, and were we are studying Software.

Most of us come from Tech College Aalborg, but some come from other colleges. We all chose University of Aalborg because we like the PBL model. PBL stands for Problem Based Learning and it is a unique learning method that is only used at University of Aalborg and Roskilde University Centre (RUC).

The goal of this project is to make us better programmers with the programming language C and make us better at working in groups of 5 to 7 people. The project is about passport photos and our main questions are: Why are so many passport photos being discarded and what can be done about it?

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