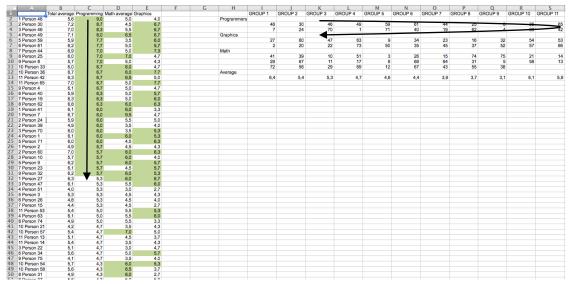
Project 1 Individual Assignment, IVIS_16

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In order to create the best possible groups I entered the data into Excel to be able to easily handle it. In excel I then grouped some categories together and ignored others. The information I found relevant was the questions where the users evaluated their skills in different areas. I ignored the free text questions and the question about computer usage and user evaluation, since I find these topics not to be of main relevance in the course.

The questions about programming was calculated into a total programming average skill per person. IV, drawing and graphical programming was grouped and a total average graphic skill was calculated per person. Lastly, math and statistics were grouped and an average was calculated per person.

I then manually created the groups by first sorting the programmers and selecting them one by one into the 11 groups, starting and ending with group 1, ground round in a "loop". I this way, group 1 had the "best" and the "worst" programer. Secondly and thirdly, I did the same with the graphical and math categories. I did it this way to try and get as homogenous groups as possible. There are 9 groups with seven members, and 2 groups with 6 members. Each group has at least 2 programmers, 2 graphics, and 2 math members. Below is a picture of the excel group distribution to better explain my reasoning:



The data was then exported to JSON and I created an interactive visualization by using HTML and d3.js, although I don't think that I used d3.js the intended way. By hovering on the group "cards", a more detailed view of the group is presented on the side (See added files). I tried to follow the mantra of "Overview first, zoom and filter, then details-on-demand", but I couldn't implement the "zoom" feature, so I had to settle with the solution presented in the attached files.

The image to the right is a screenshot of the visualization. The mouse is hovering over Group 4 (although not visible in the screenshot - I don't know why).

