

Project Tender

Project: Flowchart Planning and simulation tool

Client: Willem van Heerden

Team:

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GROUP PHOTO

1 The Team

1.1 Hlavutelo Maluleke

- A photo of yourself: From the group

1.1.1 Interests:

- Coding (preferably in Java).
- Developing random software (mostly in Windows).
- I like Linux pretty much, it is the most beautiful platform for program design.
- My other interest is to learn as many programming languages as possible.
- Explore all different approaches in software design.

1.1.2 Technical skills:

With regard to this project and in relation to my interests, I have quite good experience in Data structures (COS 212) which is basically Object oriented programming. From COS 121, design patterns have been covered very well and I have a clear understanding how they work. Moreover, I can use design patterns with data structures without any major problems.

1.1.3 Any past experience which might be relevant for the project:

I have created a very small executable program (.exe) in Windows but have not yet tried to implement it on a Linux distribution. This could be a bit of help when it come to this project. In practise, it should not be a very difficult task to make an executable file run in Linux. This can help probably with the GUI and how to create canvas.

1.1.4 Non-technical strengths:

There are quite a couple of things that I am pretty good at, first is time management. I am able to manage my time under pressure or not. Secondly, working as a group is one of things I enjoy most, which I believe working as a collection can make our project more successful. I am very patient with one another, in this regard I am very open to other group members so as we can work consistently as a team.

1.1.5 What makes you want to do the project:

Firstly, flowcharts are very interesting, as easy as they may seem they are a very basic block to building efficient and reliable software. To be involved in building a software that simulates a flowchart is such an intriguing challenge. All this is very inviting, it makes you want to be involved in this kind of a challenge. One other thing is that, to know that you have contributed so much in a commercial software is a great experience from the learning point

of view. This project will expose me to most of the functionalities of the Linux operating system, how applications are executed on a Linux platform and all those kind of relevant issues.

2 Project execution