

3 Product Usage

— This section describes how and by whom the product will be used and what they need to use it. As they share a lot of their functionality^{ies}, the routing tool and administration tool will be implemented within the same application. This allows the user of the administration tool to switch to the routing tool at any time to test the map data he just created. However, the target audience for the tools is not the same so a user of the routing tool will most likely never use the administration tool.

just remove...

Will he be able? How to give/denay the access?

3.1 Routing

3.1.1 Scopes

Nowadays, it is not unusual for universities to be situated within extensive campuses. While this is of course convenient, it can also be quite confusing for students, especially for freshmen. They have to look up lecture halls on big, confusing maps that are often not even up to date. As a result, a lot of time is wasted. We seek to change this with our campus routing tool. The tool provides a well-arranged, simple yet powerful map application that can be intuitively used by students or people working on the campus to easily find any building or calculate the shortest route between any two points. The location or route is then visualized in a way that enables users to fully understand where they are or where they are supposed to go with just one quick look.

3.1.2 Target Audiences

Too lengthy

As mentioned above, the main target audience for the routing application are university students, with the focus being on the students who are new to the campus. No previous knowledge is needed to use it, so everyone who knows how to use a computer and has access to one will also be able to navigate the routing tool. Another target audience is ^{and cleaning} the people working on the campus, such as professors, security personnel ^{as well} and cleaners. They ~~too~~ might have problems finding their way on the campus when they start to work there, and they are also able to easily use the routing tool.

with

3.2 Administration Tool

3.2.1 Scopes

The administration tool is used to create the map data that the routing tool uses. It allows to create from scratch or modify all the data that is shown by the routing tool. This includes loading a picture, creating the corresponding map graph and adding information to its vertices and edges. The main goal of the administration tool is to make this difficult, tedious task simple and quick by providing an intuitive interface and automating many of the time-consuming steps.

For example?

3.2.2 Target Audiences

The map data will most likely be provided by the universities for their students. Thus, the target audience for the administration tool are people working for the university. While the tool is mainly self-explanatory, it is also very versatile. The graph can be edited in a lot of ways, so it takes some time to completely grasp the whole functionality of the administration tool. However, this learning curve is not very steep so even the university students will not have a problem learning how to use the tool in a short amount of time. This makes them the second target audience: students at universities where no good, easily accessible map exists can use the administration tool of our application to create one and share it with their colleagues.