## Description of the system

This web application is meant to find the nearest libraries to a specific school or university. We remembered our need to know where we could get needed literature or to simply know a nearby quiet library where we could study more effectively. For that purpose, we decided to make it easier for the other students to get access to the closest libraries near their school or university. It will allow them to choose their school/university and the system will provide them with the needed information.

## Functional requirements

1. The web application shall keep .csv tables for schools, universities and libraries in Skopje.
2. The web application shall provide a list of school and universities names on the client side.
3. The web application shall have a selecting function for the provided list of schools and universities in Skopje.
4. The web application shall have a search function for the list of schools and universities in Skopje.
5. The web application shall provide a map of Skopje.
6. The web application shall display a map with the libraries in the nearest locations of the selected school/university.
7. The web application shall have a calculating function for distance between a school/university and the libraries.
8. The web application shall display information about the working hours of the provided libraries.

## Non-functional requirements

1. The web application shall be able to run on different operating systems (Windows, MacOS, Linux) and support most browsers such as Chrome, Firefox, Safari etc.
2. The web application shall respect privacy policy.
3. The search function shall not take more than 10 seconds.
4. The calculating function shall not take more than 10 seconds.
5. The precision of the calculating function shall be with an accuracy of 98%.
6. The web application shall enable novice users to perform the search and select function in less than 1 minute.