# Conceptual view

# Keywords:

### 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.

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| **Data** | **Function** | **Stakeholder** | **Abstract Concept** |
| .csv table | Provide list | User | Display information about working hours |
| List | Select |  |  |
| Map | Search |  |  |
| Distance | Display |  |  |
| Location | Calculate |  |  |
| School |  |  |  |
| University |  |  |  |
| libraries |  |  |  |