

# Requirements

## 1. Non - Functional requirements

- Portability.
  - The system is designed to be compatible on all operative systems, and to be available on every platform used by an average consumer (mobile phone, personal computer, laptop, tablet)
- Simplicity.
  - The system can be used by every user group, no matter their experience in technology usage, the available features are easy to use and the system is simple to learn
- Sustainability.
  - The way the system was designed and with the documentation available the system is easy to maintain even for developers that were not involved in the initial design of the system, new features can be added without real difficulty.
- Speed.
  - The system shall execute all of the inputs from the user with a minimal delay (estimated to be a maximum of 1 second)
- Availability.
  - The software shall be available 99.9% of the time and if any error occurs the time it will take for the system to recognize the error and get back up and running shall be a maximum of 2 seconds.
- Efficiency.
  - The response time of the application shall be in the range from 1 seconds to a maximum of 1.8 seconds.
  - The system does not need huge chunks of system memory available to run at it's peak performance.
  - The system is not heavy on battery usage (this is special case in which the user uses the system on a platform that requires battery life, I.e mobile phones, tablets and laptops).

## 2. Functional requirements

- The web application shall locate the nearest bank in the users proximity
- The application shall provide the user with 10 banks that are closest to him
- The application shall find the current location of the user
- The application shall also provide the name of the bank and the bank's working hours.
- The application shall allow the user to post a rating and feedback of the service he received I the specific bank he visited.
- The application shall allow the user to choose a specific bank if he needs to.
- The application shall notify the user if a newer version is available.