Non-functional requirements:

**Product requirements:**

Dependability requirements:

Application shall handle errors gratefully. No user’s input shall cause system crush.

Efficiency requirements:

Performance requirements:

System shall respond smoothly on user input. It shall not take more than 1-2 seconds between user’s input and system’s respond.

Space requirements:

Application shall not take more than 200Mb on user device.

Usability requirements:

Users shall be able to use the system any time they want.

System will be used by students on their personal android device.

The interface shall be easy to learn and navigate. All its components shall be simple for understanding.

Security requirements:

System shall first ask user to register or sign in already existing user’s account.

**Organizational requirements:**

Operational requirements:

System shall store user’s accounts in the database.

System shall allow user to sign in user’s account stored at database.

System shall provide to the user questions on the selected topic.

System shall collect user’s answer to question, verify if it is correct and inform user if the answer is correct or not.

Development requirements:

System shall be developed using Java language.

System shall be developed using Eclipse and Android Studio.

Environmental requirements:

System shall work on android operating system (API 15 or 16).

**External requirements:**

Ethical requirements:

Application shall provide correct information about math topics not to confuse users.