A Non-Functional Requirement (NFR) in our system defines the quality attribute of a software. They represent a set of standards used to judge the specific operation of a system. For Example, TopFit application how fast does the application load? A non-functional requirement in our application is essential to ensure the usability and effectiveness of the entire application. Failing to meet non-functional requirements can result in systems that fails to satisfy user needs.

Here is the list of non-functional of the TopFit application:

***Performance***: The performance of the Application can be determined by it responsive time, time to complete the given task. *For example,* when Application is made to start up it shouldn’t take more than 3 second to load initial screen.   
***Scalability***: App should able to adopt itself to increased usage or able to handle more data as time progress. *For example,* when the user adds his/her workout schedule, app should be capable of handling them without delay by optimising the way storage is done and accessed.

***Usability***: User should be able to understand the flow of App easily i.e. users should able to use App without any guideline or help from experts/manuals.

***Security*:** All the app data should be secured and be encrypted with minimum needs so that it’s protected from outside environment also from internal attack. *For example*, all authentication token should be saved on local device for comparison and need user permission to gain access.

***Availability*:** There should be a common plane where the user can access your application to install and look for regular updates give feedback. *For example*: Googles Play Store.

***Maintainability***: This relates to the ease at which your app finds bugs and fixes them. For example, if a map is incorrect, can you fix the problem simply by downloading a correct map or do you have to purchase the next version of the app