**QU**

**Functional Requirements:**

* System should allow to create new user. Each user must have unique id. In addition, user must add his username and password
* User can log in and log out from system
* User can view and take public quests
* User can create/update/delete, take and view own quests
* User must select type of the quest when creates or updates the quest
* User can view ranking table of quests
* User can open settings from main menu
* Quest must have at least one question/task
* Each time user takes quest it must be evaluated and result must be saved
* User can retake quest
* User can cancel quest
* User should be provided with guide, which will give better understanding of how to use QU app
* When user opens and is logged in the Qu app, he has two options:
  + create quest
  + pass quest

**Non Functional Requirements:**

* Performance requirements
  + System should respond to user not less than in one second
* Security requirements
  + User can not delete quest from db if he is not owner
  + User can not change and see information from other accounts
* Availability
  + System should be available for the user at any time
* Accuracy
  + System should accurately provide 100% real time information taking into account concurrency issues
* Reliability
  + System should be resistant to errors which can be caused by incorrect or incomplete data
* Portability
  + System should be for Android operating system. It should support version 7.0 Nougat and higher.