

GQM

1 Success measures

We decided to formulate a threshold of success for our project using the GQM format. the goal then is formulated as following:

Analyze	the RQ Self-assessment bot
For the purpose of	measuring its value
With respect to	proximity of the bot's assessment to the TA/Professor's
From the viewpoint of	SE student
In the context of	MSD course

With the following questions and metrics being used to measure current state of the project relative to the goal:

Question	Metrics
How efficient bot is at finding mistakes?	Number of mistakes not found by the bot but found by the TA/Prof (more than 5 it's bad)
Are bot's comments comparable to the human's common sense?	Evaluation by the students on the level from 1 to 5, where 1 — bot's commentary does not make any sense, and 5 — bot's commentary is totally valid
How close bot's comments to the TA/professor ones?	Evaluation of bot's comments by the TA/professors, whether they agree with the provided comments or not; Number of mistakes not found by the bot but found by the TA/Prof (more than 5 it's bad)