The customer asks for a versatile program useful as training purpose for the students and teachers as well

Requirements proposed by the customer:

The test must include 5 different questions with multiple options of reply  
The application can be run on a terminal  
The application can be closed at any time during the tests  
The correct answers are notified immediately after by the application  
At the end of the test the score totalized by the student is printed  
The quiz questions are inherent to the information technology

|  |  |  |
| --- | --- | --- |
| **Priority** | **Proposal** | **Implemented** |
| 0 | As student I want to open an application on the terminal to take a computer science quiz | yes |
| 0 | As student I want to close the application when I want to exit | yes |
| 0 | As student I want to answer to 5 different questions with 3 different answer options each | yes |
| 0 | As student I want to be able to choose one answer to each question | yes |
| 0 | As student if my answer is correct, I want to receive a notification after each attempt | yes |
| 0 | As student I want to see the total score at the end of the test | yes |
| 1 | As teacher I wat to have a priority access protected with a password | nope |
| 1 | As teacher I want to be able to add the test questions in the program | yes |
| 1 | As teacher I want to be able to modify my questions and my answers | nope |
| 3 | As student I want a second chance to answer in case the first tentative was wrong | nope |
| 2 | As student I want to be able to choose the difficulty level of the test | nope |
| 2 | As student I want to reply to test with random questions | yes |
| 1 | As teacher I want that during the official test date and time is added at the pdf automatically produced | nope |
| 1 | As teacher I want that the students insert their names and surnames during the official tests | nope |
| 1 | As teacher I want a pdf is automatically printed after an official test | nope |
| 2 | As student I want that the high score is recorded and if a new record is established, a notification is printed | nope |
| 1 | As teacher I want to be able to print test pdf file, including random questions and multiple choices | yes |