

## Functional Requirements

|                  |                                   |                    |  |
|------------------|-----------------------------------|--------------------|--|
| <b>RF - 0001</b> | <b>Login</b>                      |                    |  |
| <b>Priority</b>  | S                                 | <b>Description</b> | The system will be able to identify the students in order to monitor their exercises.  |
| <b>RF - 0002</b> | <b>Download exercise folder</b>   |                    |  |
| <b>Priority</b>  | S                                 | <b>Description</b> | The system will allow the student to download the exercises assigned by the teacher.   |
| <b>RF - 0003</b> | <b>Evaluate exercises button</b>  |                    |  |
| <b>Priority</b>  | M                                 | <b>Description</b> | The system will auto-evaluate the exercise and display the result of the exercise at the push of a button.                         |
| <b>RF - 0004</b> | <b>Send exercise button</b>       |                    |  |
| <b>Priority</b>  | M                                 | <b>Description</b> | The system will send the exercise and its information (date, number of attempts) at the push of a button.                          |
| <b>RF - 0005</b> | <b>Store exercise information</b> |                    |  |
| <b>Priority</b>  | M                                 | <b>Description</b> | The system is able to collect the exercises sent, as well as their date, number of attempts and the result of the self-assessment. |

## Non-Functional Requirements

|                   |   |                    |   |
|-------------------|---|--------------------|---|
| <b>RNF - 0001</b> | <b>Intuitive Interface</b>              |                    |   |
| <b>Priority</b>   | M                                       | <b>Description</b> | That the program is understandable and usable for any user outside the programming environment.                                   |
| <b>RNF - 0002</b> | <b>Using the Test Runner</b>            |                    |   |
| <b>Priority</b>   | M                                       | <b>Description</b> | It must be done through the implementation of the Test-Runner tool.   |
| <b>RNF - 0003</b> | <b>Similar to Classroom</b>             |                    |   |
| <b>Priority</b>   | S                                       | <b>Description</b> | The software should focus on a visualization similar to GitHub Classroom, which allows to have a student and teacher perspective. |
| <b>RNF - 0004</b> | <b>Executable in Visual Studio Code</b> |                    |   |
| <b>Priority</b>   | M                                       | <b>Description</b> | The tool must have a function in VS Code and be executed within it in a simple way by means of an extension.                      |