**MANUAL QA**

***Homework - Lesson 7***

**Student Name:** Mario Lima

***Level 1:***

* ***In your opinion, what is the greatest benefit of using test management systems? Which of their features allow to achieve this benefit?***

***Support your answer.***

In my opinion, the greatest benefit of using test management systems is that they provide teams the tools to ensure that their software is systematically tested, resulting in higher quality and more reliable software.

These tools can include features to create and organize test cases, the ability to track and manage test results and provide integration with other tools and systems. So test management systems can save time and money, and ensure software of high quality.

***Level 2:***

* ***Complete the task of the previous level.***
* ***Transfer the test cases you created in previous classes to the test management system (TestRail or Azure DevOps).***
* ***Combine them into a test suite and pass it.***

**Work Done in TestRail:**

<https://mariolima.testrail.io/index.php?/cases/view/16&group_by=cases:section_id&group_order=asc&display_deleted_cases=0&group_id=5>

***Level 3:***

* ***Complete the tasks of the previous two levels.***
* ***We keep on working on a startup for a cat photo sharing app. We decided to introduce a project management and test management system.***

***Your task is to make a comparative analysis of several systems to choose from (e.g. Jira, Azure DevOps, Asana, Trello, etc.):***

***Answer for TestRail:***

* **What it can do**
  + Manage and organize tests
  + Allows teams to create, manage, and execute test cases, as well as track and report on test results.
  + Centralize testing information such as test plans, test runs and test cases
* **What are the restrictions**
  + Pricing is based on the number of users and can be costly for large teams.
  + TestRail's user interface can be complex and may require some training to fully understand all of its features.
* **How much it will approximately cost for your project *(your team consists of ~10 people)***
  + For a team of 10 people, TestRail would cost approximately $4,080 total for 12 months