**Activity III.**

**Team Activity**

**Activity objective:** That the student can do a risk analysis and prepare an estimation tests.

**Instructions:**

**1.- The following table identifies the priority level that each one of the conditions and explain your answer.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** |  | **Priority** |  | **Argument** |
| High | Medium | Low |
| The test equipment is made up mostly of testers with little experience. |  |  |  |  |
| The testing environment is not properly configured. |  |  |  |  |
| The app has problems of security. |  |  |  |  |
| The budget for running tests is less than it should be. |  |  |  |  |
| Some of the investors withdraw their support for the project, so the test team suffers a budget cut. |  |  |  |  |

**2.- Analyze the following case.**

The development phase of the application that was entrusted to you company has ended. The team selected to carry out the testing of the application consists of 10 people, 6 of them experienced and 4 without experience. The project leader informs that the tests must be completed in 20 days working hours and the initial budget was cut by 60%.

Answer the following questions:

* Is the team well organized to meet the objective?
* How would you solve the problem of budget cuts?
* Do you have the necessary resources to meet the objective?

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**III.- Write down the main points that make up a test estimate and add the description of each one.**

**Skills required**: The skills required by the team members to complete the testing process are **a mix of experienced and inexperienced testers**.

**Team member(s) needed**: The number of team members required to complete the testing process is **10**.

**Time required for test**: The amount of time required to complete the testing process is **20 working days**.

**Cost Required**: The cost of resources required to complete the testing process is **60% less than the initial budget**.

1.

2.

3.

4.

**IV.- Use the values in the following table to estimate testing of an online banking application.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity** | **Optimal scenario** | **most likely**  **scenario** | **Worst scenario** |
| Creation of a new client. | 0.5 | 1.5 | 3 |
| Creating a new account | 2 | 3 | 6 |
| Verify correct account access. | 1 | 2 | 4 |
| The customer can review their account statement. | 2 | 3 | 5 |
| The client can make transfers. | 2 | 5 | 7 |
| The customer can change his password. | 0.5 | 1 | 2 |
| Deleting an account | 0.2 | 1 | 4 |
| Deleting a client | 0.2 | 1 | 3 |
| The customer can print their account statement | 0.5 | 1 | 3 |

**STRUCTURE**

* **DOCUMENT**

**The document should include the following:**

* + **Cover:** Logo and Name of the University, Career, Subject, Unit, Theme, Enrollment and Name of the Student, Name of the Professor, Date of elaboration.o **Table of contents.**
  + **Introduction.** o **Development.**

testing process.

* + **Conclusion.** o **Bibliographic Sources.** o **Attachments (if required)** o **Table of graphs.**
  + **Table of Illustrations (images).**

**FORMAT**

The design of the document is as follows:

* The font type, title, subtitle, text, margins, images with illustration name and page numbering must be according to the APA 7th Edition Format.
* Group\_Last Team#\_U1Activity2, example TI42BISDSM\_Team1\_U1Activity2

**Delivery Date: January 19, 2023, before 11:59 p.m.**

**Note: If the delivery is after the assigned date, one point will be deducted for each day late.**