



## **Centro Universitario de los Valles**

Maestría en Ingeniería de Software

Software Configuration Management Project

### **Status accounting for Virtual Assistant for Recognizing Dangerous Roads.**

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Master in software engineering

Nov 24, 2023

Ameca, Jalisco

## Introduction

In this document, there is a control of the changes, seeking to evaluate how many resources were used to complete the development of the change and in this way be able to compare them with the resources that were initially estimated to be used. This document also allows us to briefly detail which members of the team involved participated in the change and how they dealt with the change.

Table 1.1 Status accounting report for the implementation of CR-03

Approval date	27/10/2023	Date of implementation	27/11/2023
identifier CR	CR-03		
CR description			
The client requested that the cell phone camera and microphone be activated, recorded, and uploaded to the cloud when in a risky situation.			
IC affected			
Monitoring and Maintenance			
Estimated budget	\$ 3,500 USD		
Estimated time	1 Month		
Planned Human Resource	1 Sr Developer, 1 Jr Developer		
budget used	\$ 2,700 USD	Difference	\$ 800 USD
Time spent	1 Month	Difference	None
Personnel involved			
• Peter Anguila			
Human resource performance			
Since the request only required a small change in the module, the work team assigned the task to the Jr developer, removing a burden and monetary value from the Sr developer.			
Result			
The application performs a correct synchronization with the data to the cloud, and performs the video and voice recording requested by the client.			

Table 1.2 Status accounting report for the implementation of CR-04

Approval date	27/10/2023	Date of implementation	27/12/2023
identifier CR	CR-04		
CR description			
Due to government regulation, the system should transmit all the information encrypted.			
IC affected			
Notifications and Alerts			
Estimated budget	\$ 4,000 USD		
Estimated time	2 Month		
Planned Human Resource	1 Sr Developer		
budget used	\$ 4,000 USD	Difference	\$ 0 USD
Time spent	2 Month	Difference	None
Personnel involved			
<ul style="list-style-type: none"><li>Andres Lopez</li></ul>			
Human resource performance			
The team needed to take a course to learn about the established government regulations, and know how to implement them in the project so that it complies with what was requested.			
Result			
The System has the regulations established by the government, as well as privacy between users and authorities.			