

Progress Report & Outline
Title

Student Name
University of British Columbia
Co-op Course Number
Employer's Name
Submitted: Supervisor's Name

Table of Contents

Introduction: Commonwealth Insurance Company Claims Project	3
Methods, Materials and Results	3
Discussion	4
Work Term Report Outline	4

Introduction: Commonwealth Insurance Company Claims Project

For my 8-month co-op work term with Visiphor Corporation, I have been placed on the Commonwealth Insurance Company Claims project. The objective of the project is to implement a solution that automates the claims management process using existing business rules and includes integration with the company's current financial system. This solution includes the use and integration of several computer applications such as Infopath (client interface used to present claim forms), K2.net (data transfer and workflow management system framework), SQL Server (database application), Biztalk and SharePoint. As such, during my 4 months with Visiphor, I have worked extensively with these applications.

My responsibilities have included creating and documenting test cases for specific features of the solution in both Microsoft Word and Microsoft Team Foundation Server, and executing test cases after project iterations. I have also tested bugs after they have been fixed, logged new bugs that I have found while testing and replicated existing bugs to aid the developers in fixing them. Additionally, I have created documents gathering the requirements for specific features of the solution, based on the bugs related to the feature and on change requests from the clients.

Methods, Materials and Results

My co-op progress report will be based on how Visiphor Corporation has incorporated the use of 'Quality of Service Requirements' in the CIC Claims Project. It will analyze the effectiveness of this feature and how it has contributed to the efficiency of the project. I will be measuring this efficiency by tracking and comparing the number of bugs found in project iterations before this feature was implemented and after. Based on the results from my study, I will analyze and conclude how efficient the QoS Requirements feature is and if it would be beneficial to implement it in other projects at Visiphor.

Discussion

I have created a large majority of the Quality of Service Requirements modules for this project, thus I am familiar with how they are written up. During the past 4 months, I have noticed that the advantages to using this feature include more efficient tracking of specific project feature issues, more comprehensive feature and bug testing, a reduction in the reduction of initial overhead for feature development as well as documentation. Additionally, it aids Test Driven Development.

Work Term Report Outline

Purpose of the work term report:

1. Describe in detail the Quality of Service Requirements feature
2. Explain how this feature is currently being implemented in Visiphor Corporation's legacy and new projects.
3. Examine the success of implementing this feature in the CIC Claims project.
4. Evaluate the benefits that Visiphor will attain from adopting the Quality of Service Requirements feature in future projects

Intended audience: QA team members, developers, business analysts at Visiphor who want to learn more about the Quality of Service Requirements feature and what it aims to achieve, and how they can use it to their advantage.

Title: Quality of Service Requirements: An examination of the success of its implementation in Visiphor's projects using Team Foundation Server

1 Introduction: Overview of Quality of Service Requirements

1.1 What is a Quality of Service Requirement?

- a. Description of what a Quality of Service Requirement is
- b. The purpose of a Quality of Service Requirement and what it aims to achieve
 - i. Reduces documentation

- ii. Keeps track of changing feature requirements of the project
- c. How it aids developers in Test Driven Development methodology

1.2 How QoS requirements differ from deployment/coverage testing

2 Utilization of the Quality of Service Requirements feature by Visiphor

2.1 How ongoing legacy and new projects at Visiphor have utilized the Quality of Service Requirements feature

- a. Description of the Quality of Service Requirements used in the CIC Ratings project
- b. Description of the CIC Claims project
- c. More in-dept discussion of the Quality of Service Requirements used in the CIC Claims project

2.2 Examination of the effectiveness of implementing QoS Requirements in the CIC Claims project

- a. Study the success of the QoS Requirements feature in the CIC Claims project by collecting the number of bugs in iterations before implementation of QoS Requirements and the number of bugs after its implementation

3 Discussion and Conclusion

3.1 Evaluation of results from 2.2

3.2 Benefits of the QoS Requirements feature for Visiphor

- a. Reduces documentation
- b. Project requirements are broken up into compact feature scenarios, and linked to related bugs
- c. Project requirements are easily accessible and researchable by new and existing project members, either to get introduced to the project or to update requirements
- d. Helps you understand more about specific features

3.3 Drawbacks of the QoS Requirements feature

- a. Very time-consuming; improbable that you will actually go through all of the QoS QA Packages every deployment

3.4 Benefits of the QoS Requirements feature for Visiphor's clients

- a. Documentation will be more up-to-date, as will project requirements
- b. Documentation will be well-tracked
- c. The above will result in fewer discrepancies between what has been designed and implemented and what the client wants

3.4 Conclusion: Should Visiphor adopt the QoS Requirements feature for future projects

- a. This will outline the advantages of adopting this feature in future projects as well as address any drawbacks to the approach