

1 Introduction

1.1 Purpose

The purpose of the Co-op Evaluation System (CES) is to allow students to provide feedback on their most recent co-op, and for employers to provide feedback on a student's performance during their most recent co-op. Additionally, the system is used by faculty to approve or fail a student's co-op, and is also used by OCSCE to gather data on students' co-ops.

This SRS describes the entire scope of the new Co-op Evaluation System, which is elaborated upon in [1.3](#).

1.2 Problem

RIT's current Co-op Evaluation System, an application used by OCSCE, has a number of performance, reliability, usability, and maintainability issues. Among others, session timeouts and submission timeouts are inherit problems of the current Co-op Evaluation System. A new version started from scratch with up-to-date technologies needs to be developed.

1.3 Document Conventions

Each requirement statement is to have its own priority, which is listed next to the requirement itself. A priority of "High" indicates that the given requirement is top priority by the development team and is key to having a functional system. "Medium" priority requirements will be secondary; however, the development team still expects to complete as many of the associated features as time allows in order to deliver a functionally equivalent system. Requirements labelled with a "Low" priority are stretch goals and depend on the time available at the end of the development period. Most of these requirements are additional features beyond the scope of the current feature set. They are documented for use in future development either by ITS or another senior project team.

1.4 Project Scope

One of our primary goals is that by the conclusion of this project, we will supply OCSCE and ITS with a product that is functionally equivalent to the existing system, with fewer performance, reliability, and maintainability issues. Time permitting, we hope to implement a small number of enhancements, as defined by our project sponsors, as well. If the scope ends up being too much, our primary focus will shift to getting forms working end-to-end from creation and assignment all the way through to approval or rejection. We plan to design and implement the system with extensibility in mind, so that in the future, other developers may implement additional features that we were unable to implement during the duration of this project.

Several features that exist in the current system, but need to be drastically improved, are report generation, form generation, and error messages. Even though we are aiming for functional equivalence for these features, we intend to greatly improve their usability. We plan to address other major pain points, such as the ability to change a student's supervisor at a later date, as well.

1.5 Intended Audience

This document is intended to help the development team to validate that they are building the right application, and verify that the features they have built are built correctly. It is also intended for the project sponsors to sign off on as a definitive list of requirements. Finally, the project coach can use this document to validate the development team is meeting the agreed upon requirements during his evaluation of the team's efforts.

1.6 References

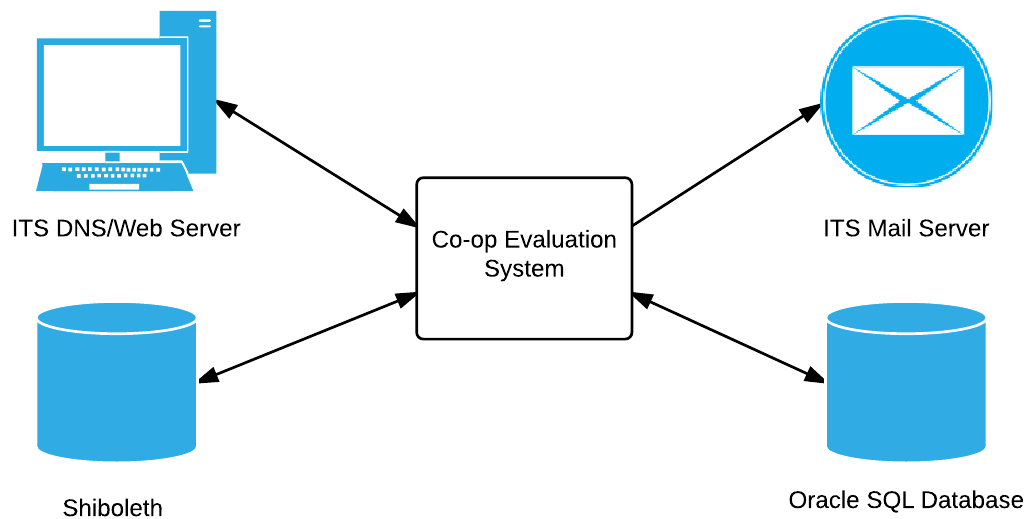
We were given the following materials to help us define the requirements of the system:

Reference	Description
ITS Wiki Page	Created by the ITS team, and contains sample applications as well as guidelines we must abide by
Project Proposal	Written by the sponsors, and contains much of the background and high-level goals of the project.
Collection of all previous work on the project	This includes documentation and code from the previous senior project teams that worked on the Co-op Evaluation System.
RIT Web Standards	This document defines a set of standards that create a framework for proper usage with regard to language, graphics, and navigational architecture on all RIT-related websites.

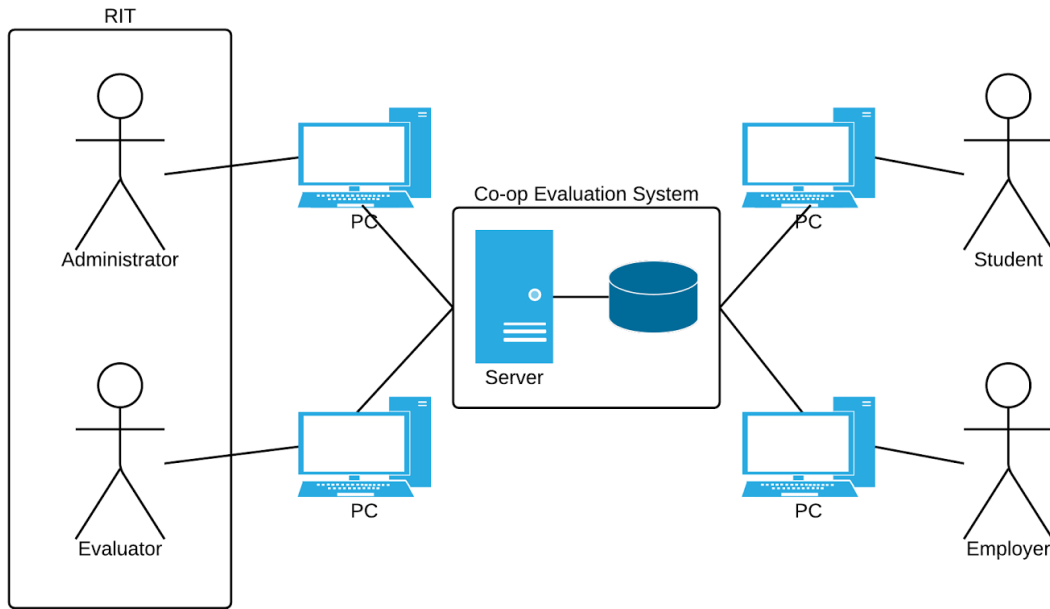
2 Overall Description

2.1 Product Perspective

The purpose of this project is to re-engineer the Co-op Evaluation System in order to leverage newer web technologies while also improving performance and user interaction. The current system uses outdated, under-documented technology, which makes it difficult to maintain. Furthermore, the random errors that occur do not give users confidence that their information was submitted properly. Significant improvements to the user interface will need to be made, but the existing database structures can be used as a reference for modifications.



The above diagram outlines the major components of the overall system, subsystem interconnections, and external interfaces, which are elaborated upon in Section 5.



The diagram above show a high-level view of the user interaction with the system as well as the interaction between technologies involved.

2.2 User Classes and Characteristics

User	Description of Use	Frequency of Use
Student	Uses application to fill out a Work Report	1 time per co-op block
Employer	Uses application to fill out an Employer Evaluation	1 time per student per co-op block
Evaluator	Uses application to review the student's and employer's survey responses to determine the student's grade (S or F)	1 time per student being evaluated
Administrator	Uses application to gather statistical data from survey responses	As needed to generate reports, create new forms, and perform other administrative tasks

2.3 Evaluation Status States

Evaluations, both Employer and Student, will start out as Pending. In the pending state, the evaluation appears in the system, but cannot be filled out yet.