**Purpose**

LMNO is reworking the existing co-op evaluation system used by students, their employers, and faculty at RIT. The existing system has garnered negative comments from users due to slow response times, time-outs, and a general lack of usability. LMNO’s goal is to address these concerns as well as making the system more cohesive and integrating additional functionality with the core system. Our intention is to create a far more positive experience for the users: quicker submissions, intuitive layout, quick form editing within the browser window, and reliable automation tools for sending notifications. The new system is being implemented using the following tools:

- Mercurel: Distributed version control system
- Bitbucket: Collaboration platform
- PetaPoco: ORM framework
- ASP.NET MVC 3: Web development framework
- SQL Server 2008: Database management system

**Scope**

The CoVal 2 system will consist of the current evaluation system’s functionality, with added features. The project focuses on four traits that are lacking in the current system:

- **Usability** – Common tasks in only a few clicks, intuitive design
- **Availability** – 95% up time
- **Performance** – Process requests within 3 seconds
- **Security** – Prevent unauthorized access to data

**Permissions**

Users have limited access to the system’s functionality based on their user profile. There are 4 classes of users:

- Student
- Employer
- Administrator
- Evaluator

There is also an Employer Representative: a user profile related to the Employer profile in terms of permissions.

**Stakeholders**

- Rochester Institute of Technology
- Office of Cooperative Education and Career Services (OCECS)
- RIT Students
- RIT Faculty
- Co-op Employers

**Sponsor**

Jim Bondi

**Coach**

Daniel Krutz

**Metrics & Measurements**

- Number of bugs found in the system
- Amount of time spent per team member

**Reflection**

What went well:

- Team worked well together
- New system was more efficient and usable
- Innovative use of available technologies
- Interactions with sponsor and coach
- Learning experience for all involved

Lessons Learned:

- Avoid overestimating:
  - There are always new obstacles that appear
  - Life likes to interfere
- Technologies have an unpredictable learning curve
- Frequent communication between parties is beneficial