

Peer Review System

CSCE 4925 Information Technology Capstone II (2021)
Instructor - David Keathly

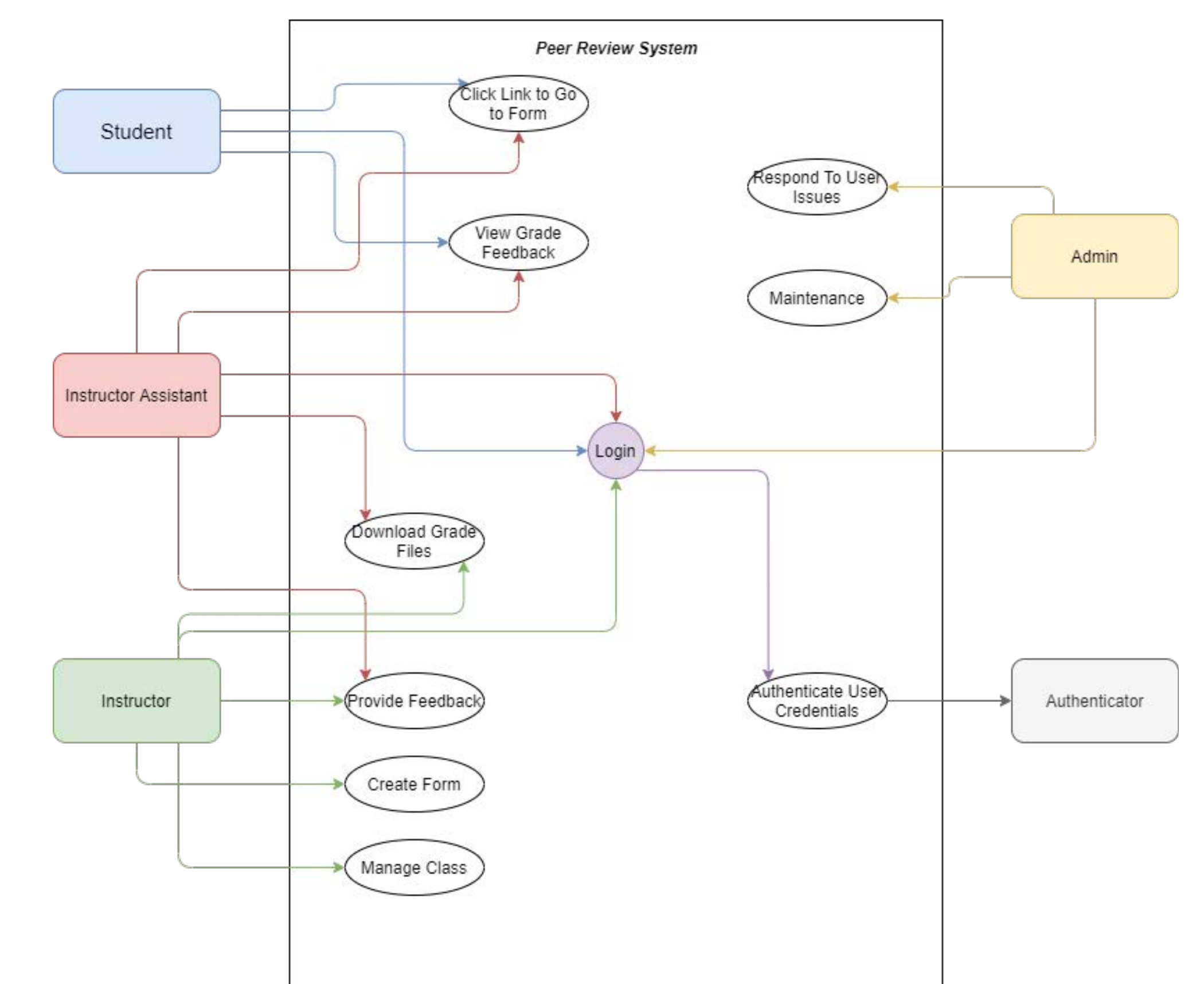
Abstract

In many of the CSCE courses, instructors have students complete and submit peer reviews for group work, with students giving a grade and comments to their other members. These submissions have usually been submitted through web-based course management systems such as Canvas and Blackboard, or in some cases through email. Completing peer reviews like this can be ineffective and slow since the instructors/graders will have to individually review each form.

The goal of this project will focus on creating a web-based/mobile application to facilitate this process for both students and instructors by using Google Forms for the students to complete their forms, and gather responses for the instructor. The system itself will then calculate grades for the instructors discretion, along with submission message in certain cases.

Student	EUID	Course	Group
Yaeger, Eren	eyae0018	Intro To Computer Science	Yeagerists
Delgadillo, Juan	jmd0442	Intro To Computer Science	Yeagerists
Arlet, Armin	aar0020	Intro To Computer Science	Yeagerists
Ackerman, Mikasa	mack0019	Intro To Computer Science	Yeagerists

EUID	Name	With Self Review	Without Self Review	Submission Flags
Adesoke, Jonathan		100.00	100.00	
Alba, Luis		100.00	100.00	
Araya, Cristian		100.00	100.00	
Bender, Zachary		100.00	100.00	
Bourgeois, Austin		100.00	100.00	
Bushnet, Mitchell		100.00	100.00	
Carpenter, Jared		100.00	100.00	
Curran, Kathryn		100.00	100.00	
Delgadillo, Juan		100.00	100.00	
Drey, Derek		100.00	100.00	
Doan, Quyen		100.00	100.00	



Challenges

- Time & Backup Management : We faced issues with properly managing our time on tasks and following a consistent schedule along with properly backing the server.
- Refreshers on Front/Back end Development : Constantly having to check syntax on PHP, HTML, MYSQL and Javascript due to lack of experience with such languages.
- Website Design : Properly designing a website that is visually appealing but also conveys correct and formatted information.

Lessons Learned

- Properly coordinating data between pages that is persistent.
- Using custom and 3rd party stylesheets.
- Properly connecting to an LDAP and using it for authentication.
- Formatting and processing MYSQL data/queries using PHP

Potential Future Improvements

The site is currently available for use for Keathly's use, however we would like to expand the use of the system as there are elements in place that could potentially allow for more instructors especially in the CSCE department. This will require flexibility with LDAP authentication system and readjusting modules in place to allow expanded use. However, if another instructor would like to use the system they will have to be manually added by an administrator.

The team would like to do a soft-redesign of the site as the team feels that the site at the moment is functional but can be improved upon.

As well as potentially expand the usage of the site to better accommodate mobile platforms.



Team Twice - Luis Alba & Juan Delgadillo

Instructor, Sponsor & Client - David Keathly
Computer Science and Engineering