

Team IQ Design Review

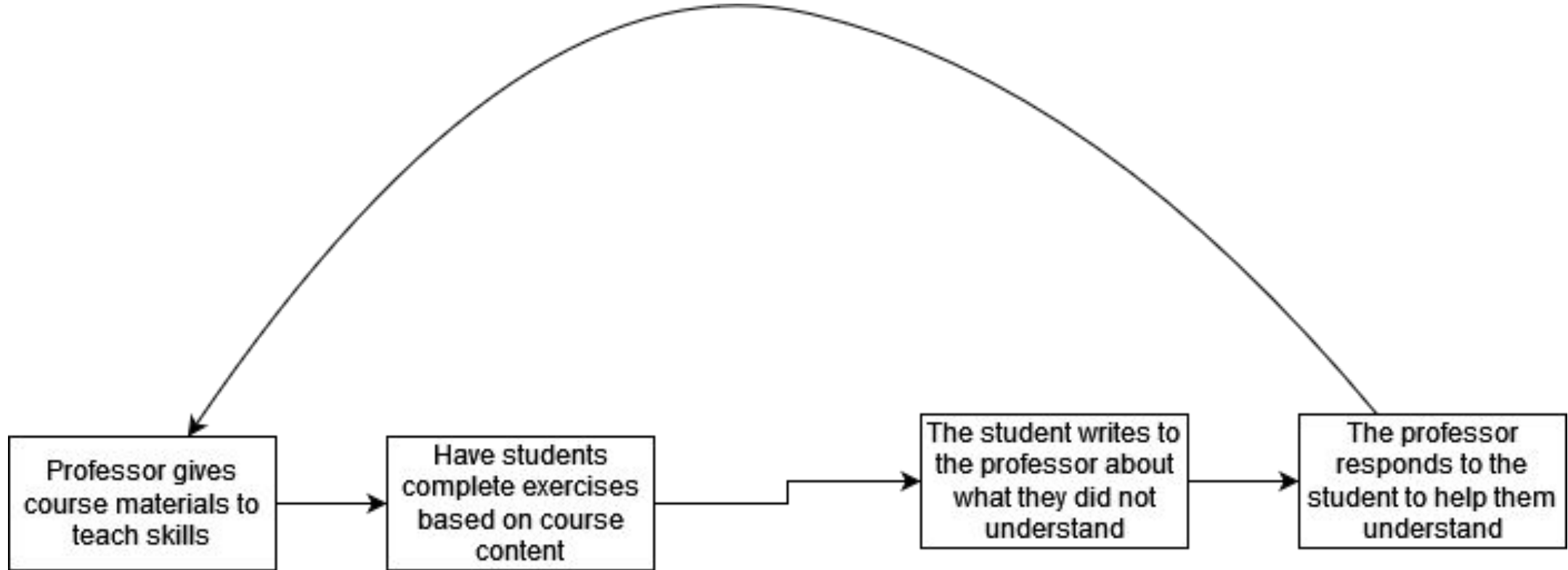
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Client Information

- Our client and sponsor is Dr. Erika Konrad.
- Professor is faculty at the Department of English at NAU.
- Teaches technical writing courses for those who wish to go into journalism.



Client Workflow



Problem Statement

- The main issue that Dr. Konrad is having is on the quiz portion of the diagram
- Our team has found 3 main issues:
 1. Having limited quizzes available and the content of the quizzes not matching the course content
 2. Not all quizzes are free on the New York Times
 3. The students have to submit a screenshot of their results on the New York Times website

Solution Overview

- We need a custom Web Application – RedPen
- This application will replace the use of the NYT version
- Login/privileges for two groups
 - Administrator (only Dr. Konrad)
 - Make custom quizzes for students
 - See the results of students' quizzes (completed or not)
 - Student
 - Take quizzes for practice
 - Allow alumni to retake quizzes from their respective semester

Functional Requirements

- Privileges
 - Allow Admin to create quizzes and students to take them
- Admin Page
 - Page for administrator tasks and to view student's stats
- Student Page
 - Allows students to view/take current and old quizzes and view their own stats
- Storage
 - Database is required to store account information, quiz questions from current and or previous semesters
- User Authentication
 - Allows admin and student accounts to have extra layers of security

Non Functional Requirements

- Ease of Use
 - Provide an easy to use website for both admin and students
- Price
 - Our program is to remain free for our fellow students and administrators
- Ease of Management
 - Implementing great architecture and organization of our website
- Instant Page Load
 - Design our website with little weight and files
- Quick Database Upload
 - Design our website to quickly and efficiently upload user information and quiz questions

Risks and Feasibility

- Technological Challenges

- users not able to access the website or issues using any tools provided
 - admins are able to log in, create quizzes, & view students statistics
 - students access the quizzes and view their statistics
 - plan on testing under different scenarios and user-friendly website

- Privacy and Security

- data breaches
 - Using NAU's secure database

- Quality of Quizzes

- issues logging or creating quizzes
 - provide admins with easy and efficient access to create quizzes
 - minimize time spent navigating details

Schedule

Tech Demo

- Quiz Display Page
- Administrator Quiz Creation
- Attempt Tracker

April

- Database
- Student & Administrator Page
- Student Result Display

Red Pen Current Status						
October	November	December	2024	2024	May 2024	
Technology Feasibility	Requirements Specifications	Tech Demo	Development Process		Testing Process	Final Product
	Quiz Display Page	User & Administrator Login/Home Page	Database/track progress	Admin Privileges		

Conclusion

- We are TeamIQ, and we are designing RedPen
- Customizable, Convenient, and Free
- With Dr. Erika Conrad, we will be the solution



Questions?