NORTHERN ARIZONA UNIVERSITY

School of Informatics, Computing and Cyber Systems

User Manual

4/30/24

Team IQ

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Introduction

We are pleased that you have chosen to use RedPen for your English testing needs. RedPen is a powerful system that is designed to allow for the testing of higher level English concepts with interactive questions and a built-in quiz creator. Some key highlights include:

- Fully customizable questions with explanations for students.

- Customizable tags to mark what the concept a question is asking.

- Results viewing for both students and professors to see their progress.

The purpose of this user manual is to give a guide to RedPen, a means of solving issues that occur, and how to make sure RedPen runs smoothly for years to come. We hope that RedPen works for your courses for many years to come!
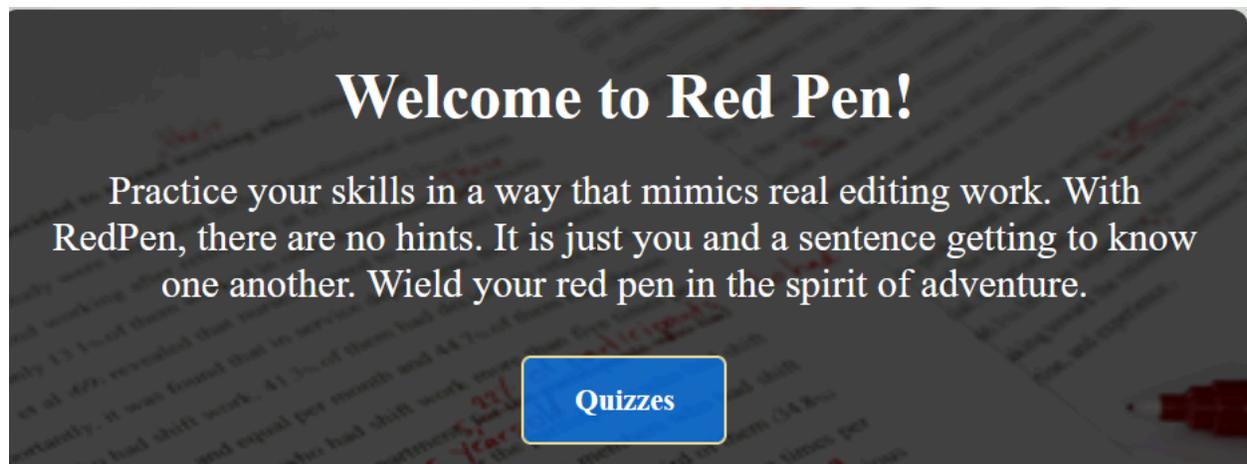
Installation

As part of our final delivery, we have installed RedPen onto the NAU ITS server. It will not be possible for RedPen to be moved to another platform easily as it is integrated with the NAU CAS system for logins. If it is desired to move RedPen to another platform, then a new login system will need to be developed for RedPen.

Configuration and Daily Operation

In terms of configuration for RedPen, there is not much that can be done. RedPen is designed exclusively to work on an NAU server, as that is where the log in comes in, so it cannot be deployed elsewhere. The only other way to configure RedPen is to adjust the admin of the site, however, that cannot be done on the site itself and needs to be done by someone who has access to the files directly.

Student:

However, for general use of the site, there are a few key flows that users can follow. First, if you are a student, you can click the quiz button on your homepage as can be seen here:

After this, you are presented with a quizzes button and a results button. The quizzes button pulls up the list of quizzes currently available and should look like this:

Find the quiz that Dr. Konrad has assigned and click on it. After clicking on a quiz, the quiz questions will load and you will be presented with a screen like this:

Please find the error in the sentence below. You don't have to explain the error or fix it; just click on the part you think is wrong. The issue can be a word, character, or even a space. If I agree, you'll see my explanation. If you're off base, try again.

Question Navigation

| 1 | 2 | 3 |

Question: 2

Like he did in 2016 with much success, Mr. Sanders still prescribes a wholesale revolution in soaring terms.
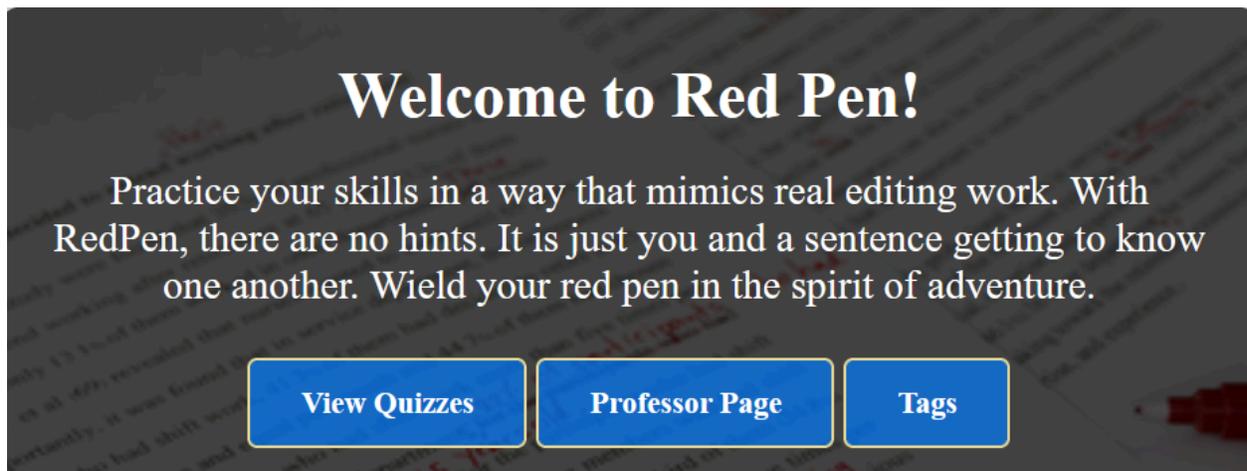
0 tries

Previous

Next

The buttons above the question with numbers are the question numbers themselves. If the button is green, then the question is complete, if the button is light gray the question is not complete, and if the button is dark gray that is the currently selected question. Below that is the question, which requires clicking on the incorrect word in the sentence. Follow the instructions on the page for how to proceed. After answering a question 3 times without getting the correct answer, a Give Up button will appear. Click on this question to add 1 attempt to your attempts and show the explanation to the question

while also completing the question. After completing all questions on the quiz, go to the final question on the quiz and hit the complete button to complete the quiz.

Professor:

If you are the administrator for RedPen, there are a few buttons that you are able to hit:

There is the "View Quizzes" button, which shows a student view of the quizzes that are currently visible to the students. The second button is the professor page, which has the "Quizzes", "Results", and "Tags" button on the page. This page also has a button to begin a new semester and to move a student from a previous semester to a current semester.

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Professor

| New Semester | Move Student |

Quizzes

Results

Tags

The "Tags" button is also on the landing page. The Quizzes button leads to the Quiz editor, which looks like this:

On this page is every single quiz that has been created by an administrator. The first button on the right deletes the quiz while the second button either hides the quiz from the students, with a lock signifying that the quiz is not available while a checkmark implies that the students can see the quiz. If you wish to edit a quiz, click on the name that is left of the two buttons described above.

After clicking on a quiz, it will pull up a preview of every single question in the quiz. To add a question, click the plus in the top right corner of the box. To edit or remove a question, hit the corresponding button next to the question:

When editing or creating a new question, a few boxes will pop up. The first box is the box for the text of the actual question. After inputting text into the box, the text will appear at the bottom of the screen. Click the incorrect word in that sentence to mark what the incorrect word is. The explanation and a tag can also be put onto a question at this time:

First Quiz

Enter a sentence

I recorded the number
of bottles of milk in
the inventory. word's

Explanation

"Number" modifies
count nouns

Incorrect word ⬇

I recorded the number of bottles of milk in the inventory. word's

By Tag:

Sentence Structure ⌄

New Tag | Submit

That is all of the information needed for the quiz portion of RedPen. For the Results section, it is simply a way to look at student results based on some parameters. The search can look for either a student's NAU ID (i.e. "abc123"), a certain quiz, or a certain tag. These filters can also be combined in any way to search for a desired result:
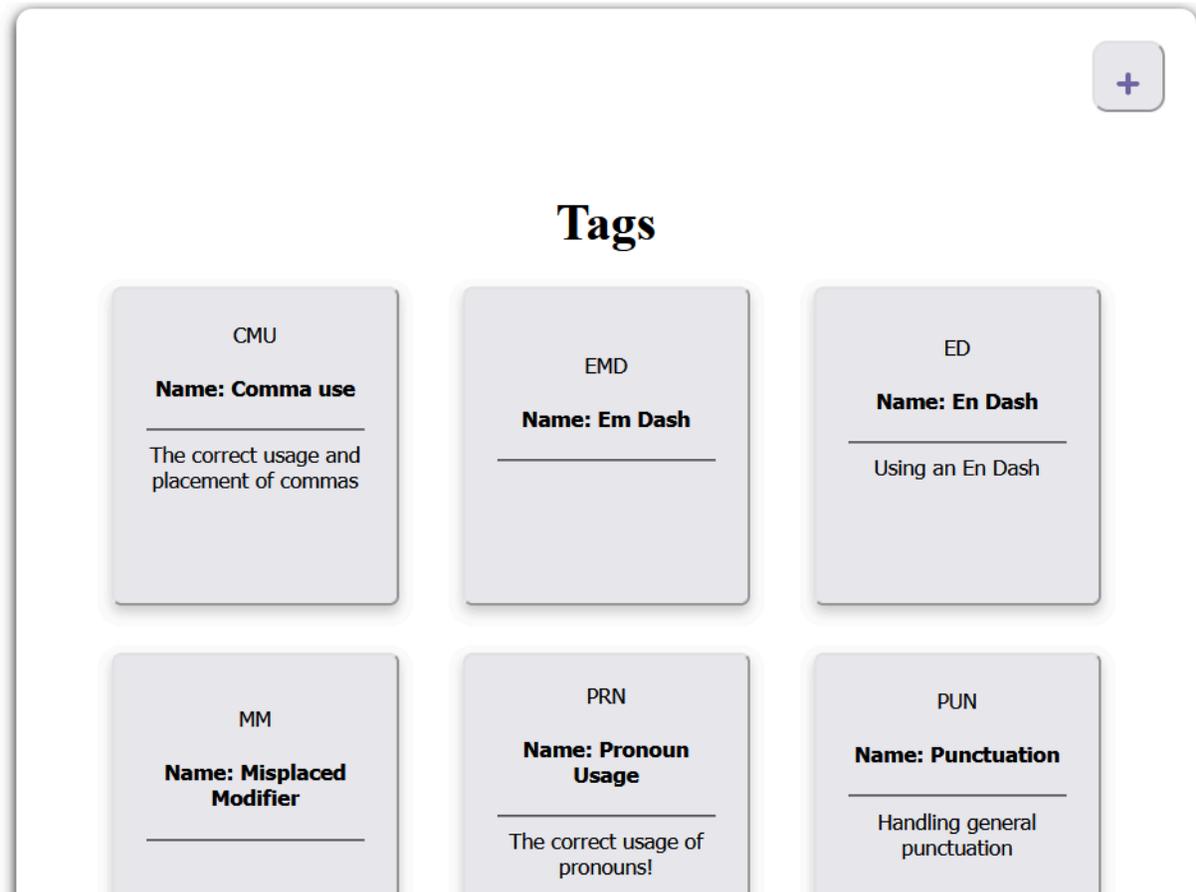
Student Results Page

By Student:
Enter student ID

By Quiz:
Select Quiz

By Tag:
Select Tag

Go

Finally, there is the tags page. On this page there is a list of all tags that have been created, along with acronyms and an explanation of what they do. To create a tag, hit the plus button in the upper right corner of the box and to edit a tag simply click on the tag itself:

+

Tags

CMU

Name: Comma use

The correct usage and placement of commas

EMD

Name: Em Dash

ED

Name: En Dash

Using an En Dash

MM

Name: Misplaced Modifier

PRN

Name: Pronoun Usage

The correct usage of pronouns!

PUN

Name: Punctuation

Handling general punctuation

When editing a tag or creating a new one you are able to adjust the name, the abbreviation, and the explanation of what the tag is. When you are done creating or editing the tag, simply hit the "Update" button on the bottom of the page to update it. If you wish to delete a tag, simply edit the tag and hit the "Delete" button:

Create a new tag

Tag Name:

Em Dash

Abbreviation:

EMD

Description:

Update Delete

Maintenance

With the way that RedPen is designed, there is not much maintenance that is required. The only maintenance that can be done is to delete old semesters, however, with our calculations this only will need to be done after many years.

Troubleshooting

Should there be any issues with RedPen after our team has left, if you are a student first contact the professor. If the professor cannot figure out the issue, then the professor should attempt to contact NAU ITS to see if they can fix the issue. Otherwise, there is not much that can be done by the professor to fix issues as they cannot access the files directly.

Conclusion

We are happy that you have chosen RedPen as your product to teach your English courses, and we wish that RedPen works for many years with the classes you are teaching. With best wishes from your Team IQ developers:

- Logan Samstag (lms737@nau.edu)
- Nicholas Persley
- Kristiana Kirk
- Elian Zamora-Rivera
- Robin Pace

While we are all moving on to our professional careers, these members of the team who have listed their email above would be happy to address any questions about RedPen in the coming months.