User's Manual

University of North Alabama Program Evaluation Tool (UNA PET)

CS 455, Spring 2017

USER'S MANUAL

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1.0 GENERAL INFORMATION

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1.1 Application Overview

UNA PET is a web-based user application designed for program evaluation within the Computer Science Department at the University of North Alabama. Students have the ability to submit C++ source code files (.cpp files) for evaluation. Instructors have the ability to execute these files through the user interface against specified requirements that include the desired output and runtime. Instructors may also make comments and add grades that are viewable to students. Students are able to test programs against test cases set by instructors until the deadline for an assignment. UNA PET may be used as an alternative method for instructors to grade programs that offers a built in compiler and output comparison tool.

1.2 Acronyms and Abbreviations

1.2.1 UNA PET:

The name of the tool; University of North Alabama Program Evaluation Tool; The user interface will be branded as such.

1.2.2 SI:

Supplemental Instructor

2.0 GETTING STARTED

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The UNA PET is a web-based tool. Users of this tool will be required to have a compatible web browser and a reliable network connection.

2.1 User Access Levels

This application has four user access levels: administrator, instructor, supplemental instructor, and student. Each user's abilities are described below and in further sections.

2.1.1 Supplemental Instructor(s)

Supplemental instructor(s) have the ability to login, logout, request a new password, change his/her password, view student submitted code and results, edit test cases, and view/edit grades when flags are set to allow each action.

2.1.2 Students

Students will be able to login, logout, request a new password, change his/her password, upload C++ source code files (.cpp), view his/her uploaded source code, and view his/her grade/result.

3.0 USING THE APPLICATION

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This section details all actions within the application.

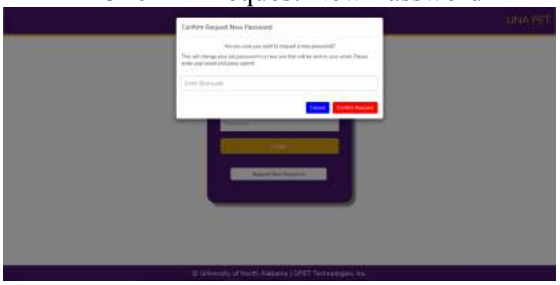
3.0.1 Login

1. Navigate to http://cs-srv-02/

2. Enter your assigned username associated your UNA Portal account.
3. Enter your password.
4. Click → Login.

3.0.2 Request New Password

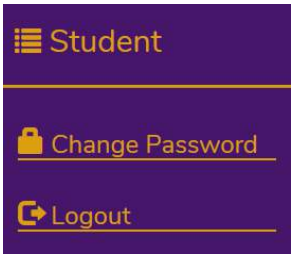
1. If password cannot be remembered: Click → Request New Password



2. Enter a valid email and click submit.

3.0.3 Logout

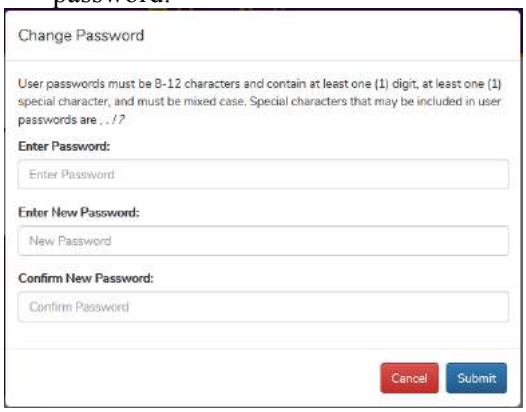
1. Click the dropdown menu in the top left-hand corner of the screen.



2. Click → Logout

3.0.4 Change Password

1. Click the dropdown menu in the top left-hand corner of your screen.
2. Click → Change Password.
3. This screen will be displayed and prompt for current password and new password.



User passwords must be 8-12 characters and contain at least one (1) digit, at least one (1) special character, and must be mixed case. Special characters that may be included are , . ! ?

4. After changes have been made: Click → Submit

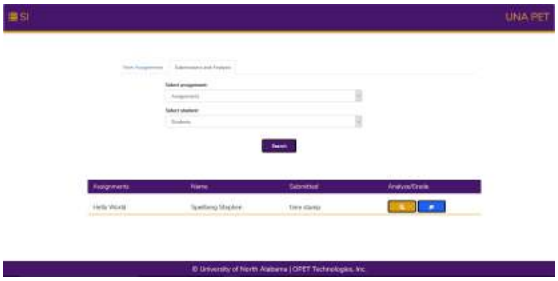
3.1 Supplemental Instructors

All of the following are dependent upon permissions set by an administrator.

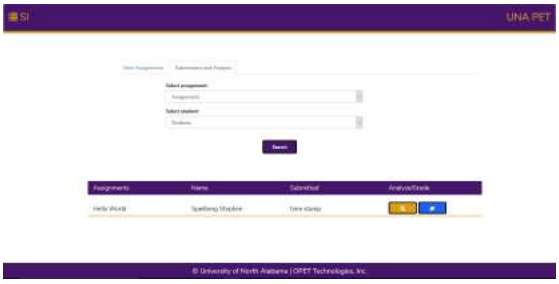
3.1.1 View Results

1. Select the desired course from the homepage.

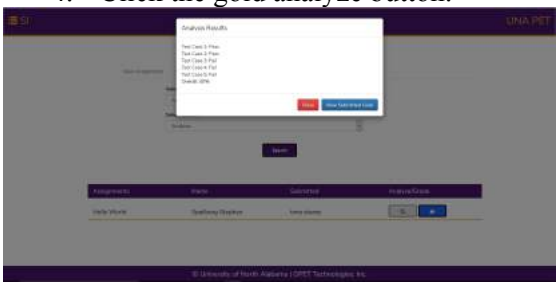
2. Click → Submission & Analysis



3. Select the assignment and the student to view results for from the dropdown menu. Click → Search



4. Click the gold analyze button.

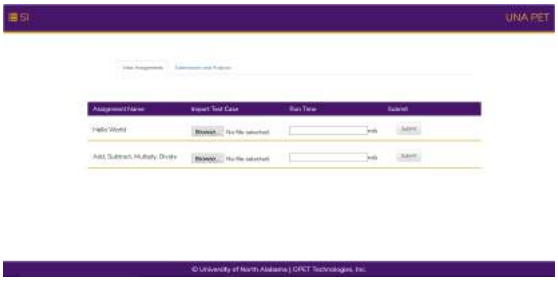


5. To view submitted code: Click → View Submitted Code.

3.1.2 Edit Test Cases

1. Select the desired course from the homepage.

2. Click → View Assignments

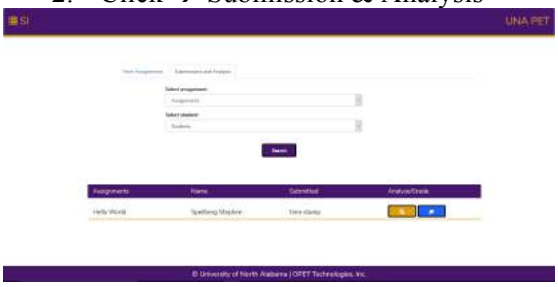


3. To upload new test cases, click → Browse.
4. Enter the runtime constraint. Click → Submit

3.1.3 View/ Edit Grades

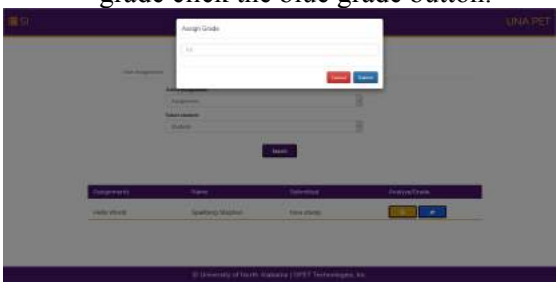
1. Select the desired course from the homepage.

2. Click → Submission & Analysis



3. Select the assignment and the student to assign a grade for from the dropdown menu. Click → Search

4. To edit a grade or view an assigned grade click the blue grade button.



5. Enter the grade for the assignment. Click → Submit

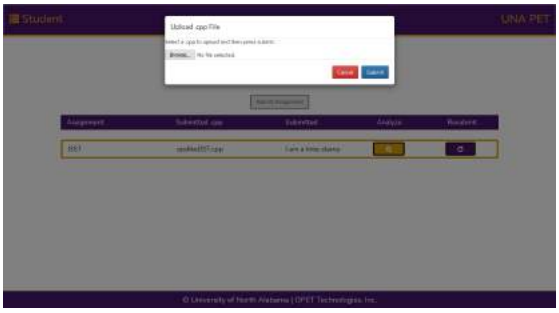
3.2 Students

3.2.1 Upload C++ Source Code

1. Click the desired assignment from the homepage.

2. Click → Submit Assignment

3. Click → Browse



4. Click → Submit

3.2.2 View Results

1. Click the desired assignment from the homepage.

2. Click → Submit Assignment

3. Click the gold analyze button.

4. To view submitted code: Click → View Submitted Code.

3.2.3 View Grades & Comments

1. Click the desired assignment from the homepage.

2. Click the green comment button to view instructor comments.

Team Members: Tyler Delano, Eileen Drass, Todd Gibson, Hannah Hopkins, Nathan Huckaba, Abdullah Karaman, Brad Lanford, Evan Lott, Alex Updike