

CS 362 In-Class Exercise: Project Beta Testing

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Project that you are testing: Team 17 - Project Painter

PART-1: Organization and Purpose

Q1) Does the repository provide a README explaining the purpose of the software? If yes, based on reading that documentation, do you understand all the interesting features provided by the software? Do you have any advice to improve that documentation?

The repository contains a README that explains the Project Painter Google Chrome Extension. This project is intended to improve and fix current issues with the Canvas application to improve communication between professors and students. My only suggestion would be to include more information on what specific features the Project Painter Extension will offer, like customizable theme, etc. in the README, or clarify specific problems the extension will fix.

PART-2: Installation and Setup

Q2) Is the documentation to install or setup the software available? (Note that for web application, it would be a URL to access the website and instructions to host the website on a server). When following the instructions, do you face any difficulties while installing the software (accessing the URL for a website)? If yes, please explicitly state what issues you encountered, so that the project team can fix them.

NOTE: If you are testing a web application, then you do not need to set up a web server and try hosting the web application. Just go through the documentation to find out if it clearly explains the steps to host the website.

The installation instructions were easy to follow, and there weren't any difficulties installing the extension.

PART-2: Functional and Non-Functional Testing

Q3) Select a use case for the application-under-test and use your creativity to test the application in different possible ways. For example, if you are testing a login functionality, then test the sign up feature, sign in, adding invalid credentials, special characters, etc. Please provide the details of the use case you tested on the software by describing exactly what all you did and in what order? Make sure you are making notes while doing this. If you find any issues (e.g., something that was confusing, incorrect, or not working at all), please provide as many details as you can to replicate the issues so that the team can fix them.

Testing the Grade Book Required Grade / Test Assignment:

- Navigated to the Grades section for one of my courses and noticed that the right side-bar contains extra information on the mean and standard deviation for the different

assignment categories (assuming its for the Test Assignment Feature). The added information overlaps the pre-existing standard information, making it difficult to read.

				graded assignments
Module 2 Summary Exercises Summary Exercises	Jan 19 by 11:59pm	Jan 18 at 7:14pm	68 / 70	You can view your grades based on What-If scores so that you know how grades will be affected by upcoming or resubmitted assignments. You can test scores for an assignment that already includes a score, or an assignment that has yet to be graded. Summary-Exercises: 1: 0.97, StdDev: 0.03 Syllabus Quiz: Mean: 1.00, StdDev: NaN Labs and their Reports: Mean: 1.00, StdDev: 0.00 Extra Credit Assignment: Mean: 1.00, StdDev: NaN Programming Projects: Mean: 1.00, StdDev: NaN Midterm Exam: Mean: 0.92, StdDev: NaN Final Exam: Mean: NaN, StdDev: NaN
Module 3 Summary Exercise Summary Exercises	Jan 26 by 11:59pm	Jan 26 at 7:52pm	54.17 / 60	
Programming Project: Sockets and HTTP Programming Projects	Jan 26 by 11:59pm	Jan 26 at 11:02pm	50 / 50	
Wireshark Lab 2 - HTTP Labs and their Reports	Jan 29 by 11:59pm	Jan 29 at 12:46pm	58 / 58	
Module 4 Summary Exercises Summary Exercises	Feb 2 by 11:59pm	Feb 2 at 1:39pm	50 / 50	
Wireshark Lab 3 - TCP Labs and their Reports	Feb 5 by 11:59pm	Feb 5 at 12:46pm	50 / 50	
Module 5 Summary Exercises	Feb 9 by 11:59pm	Feb 9 at 10:24am	60 / 60	

- I decided to first test my Midterm Exam which has already occurred and I do have a grade for it in Canvas already. I selected my Midterm Exam, entered the points the exam was worth (80 points), and entered 90 as the final grade I'd like to receive in the class. After I submitted it, it returned 160.31 points. Receiving 160.31 points on that exam is not possible seeing as the exam is only worth 80 points. I also entered 20 as the grade I'd like to receive in the class with the other fields the same, and it returned -871.12 points.
- Then I tried to test this feature on my Final Exam, which has not been graded in Canvas. I selected Final Exam, entered the total amount of points the exam is worth (64 points), and again entered 90 as the final grade I'd like to receive in the class. After I submitted it, it returned "NaN". I tested many other inputs for the final grade I'd like to receive, while keeping the other fields the same, it always returned "NaN".
- I also tested this feature on my Programming Projects, one of three programming projects has a grade in Canvas. I selected Programming Projects, entered the total amount of points for all three projects (205 points), and then entered 90 as the grade I'd like to receive in the class. It returned 250.87 points, which is more points than I can receive on these assignments as a total. I also entered 20 as the grade I'd like to receive in the class with the other fields the same, and it returned -344.13 points.
- I also tested the feature on my Final Project for another class, this assignment does not already have a grade in Canvas. I selected Final Project, entered the total amount of points the project is worth (30 points), and again entered 90 as the final grade I'd like to receive in the class. It returned "NaN" again. It may be that for assignments that don't already have a grade in Canvas, it returns "NaN".