

Sprint 6 Plan

Week of Nov. 20, 2017

User Stories	Tasks	Story Points	Dependencies
U10	T18	1	-
U18	T30	1	-
U18	T31	3	-
U19	T32	1	-
U19	T33	2	T32
U19	T34	4	T32, T33

Provisional Burndown Chart

	Task Points	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
T18	1	T:1						
T30	1	O:1						
T31	3	O:3						
T32	1		J:1					
T33	2		F:2					
T34	4		A:3	A:1				

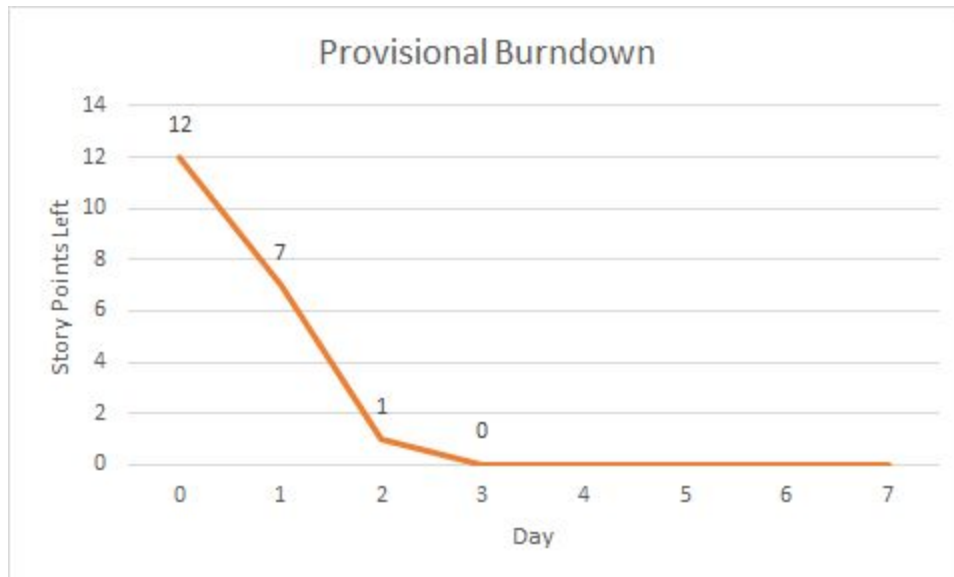
J - Julian [story points per day = 2]

A - Abhay [story points per day = 3]

F - Felix [story points per day = 3]

T - Tito [story points per day = 2/3]

O - Olivia [story points per day = 2]



Final Burndown Chart

	Task Points	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
T18	1							T:1
T30	1					O:1		
T31	3					O:3		
T32	1			J:1				
T33	2					F:2		
T34	4						A:4	

J - Julian [story points per day = 2]

A - Abhay [story points per day = 3]

F - Felix [story points per day = 3]

T - Tito [story points per day = 2/3]

O - Olivia [story points per day = 2]



Backlog

U10: As Dana (a student), I would like to see which questions on an assignment I got right and wrong after a submission so that I can retry the assignment if the deadline has not passed.

T18: Create a "submission summary" interface that is shown after a student hits the "submit" button which displays all the questions and a check mark or cross denoting whether it was answered correctly or not.

U18: As Dana (a student), I would like to be able to write feedback for the professor and TAs about an assignment after the deadline has passed.

T30: Add a feedback button to the right corner of the student listing.

T31: Implement a GUI that enables student users to write a feedback text anonymously and write it to the file studentFeedback.csv. Format for the file where every row is a student feedback:

Subject, message, date (dd/mm/yyyy)

U19: As Ben (a Statistics professor), I would like to be able to see comments from students about a problem set after the deadline has passed, so I can gauge difficulty and potentially adjust future assignments.

T32: Create a Feedback class to contain the time and feedback.

T33: Create method to extract all student feedbacks for a given assignment and store them into Feedback objects.

T34: Create a button beside each closed assignment in the instructor listing GUI to show all the feedbacks for that given assignment (need to create a new GUI to display the feedbacks).

Report

Julian

- Implemented the class FeedBack, which takes in a subject header and the date as parameters
- Implemented the strategy design pattern where ListingGUI is the parent abstract class of InstructorListingGUI and StudentListingGUI
- Refactored the code in InstructorListingGUI and StudentListingGUI to increase performance and legibility
- Removed the 2 inner classes from InstructorListingGUI and created 2 Button classes StatusButton and ExportButton
- Managed to cut down InstructorListingGUI from 669 lines to 330 lines
- Both InstructorListingGUI and StudentListingGUI are constantly refreshing to have a multi user functionality without having to terminate the program
- Fixed a bug in getMean() from the class InstructorListingGUI, where the bug was dividing a double by 0
- Added methods in StudentListingGUI to properly segregate different actions occurring in the constructor, and made the code more legible and understandable
- Added arraylists to sort the assignments based on released, unreleased and closed for the InstructorListingGUI to not have to iterate through the arraylist of assignments completely 3 times. Similarly, the assignment files were sorted into open and closed indicated ArrayLists

Olivia

- When the first instructor account is registered, they are now considered as an admin and must set an access code for when other instructors register
- Fixed the layout of Personal Information windows for both students and instructors
- Added “Give Feedback” button on student listing panel
- Implemented student feedback GUI which enables students to enter a subject line and their feedback content to the instructors.
- Fixed the incorrect assignment number in `getStudentGrade` method and regex pattern for finding assignment submission files in `getExistingAssignments()` in `Grading.java`
- Modified `LoginRegisterGUI.java` to check if `users.csv` exist before authenticating accounts
- Refactored the code in `RegisterStudentInfo` and `RegisterInstructorInfo`, by implemented the Strategy design pattern.

Abhay

- Created the GUI for instructors to be able to see all the feedback that students have submitted
 - Added button to the instructor dashboard so that instructors can access this new GUI
- Slightly revamped the GUI for students to complete assignments by changing the colours of the buttons, increasing the size of the title, and increasing the height of the window
- Also cleaned up `getAssignmentName()` method which now returns a substring of the original file name instead of going through each letter and adds a space between the word “Assignment” and the number
- Modified `Feedback` class to take in the message in the constructor and removed the `setMessage()` method
- Fixed up Tito’s `StudentSubmissionSummaryGUI`’s visual aspects to more consistently replicate other windows

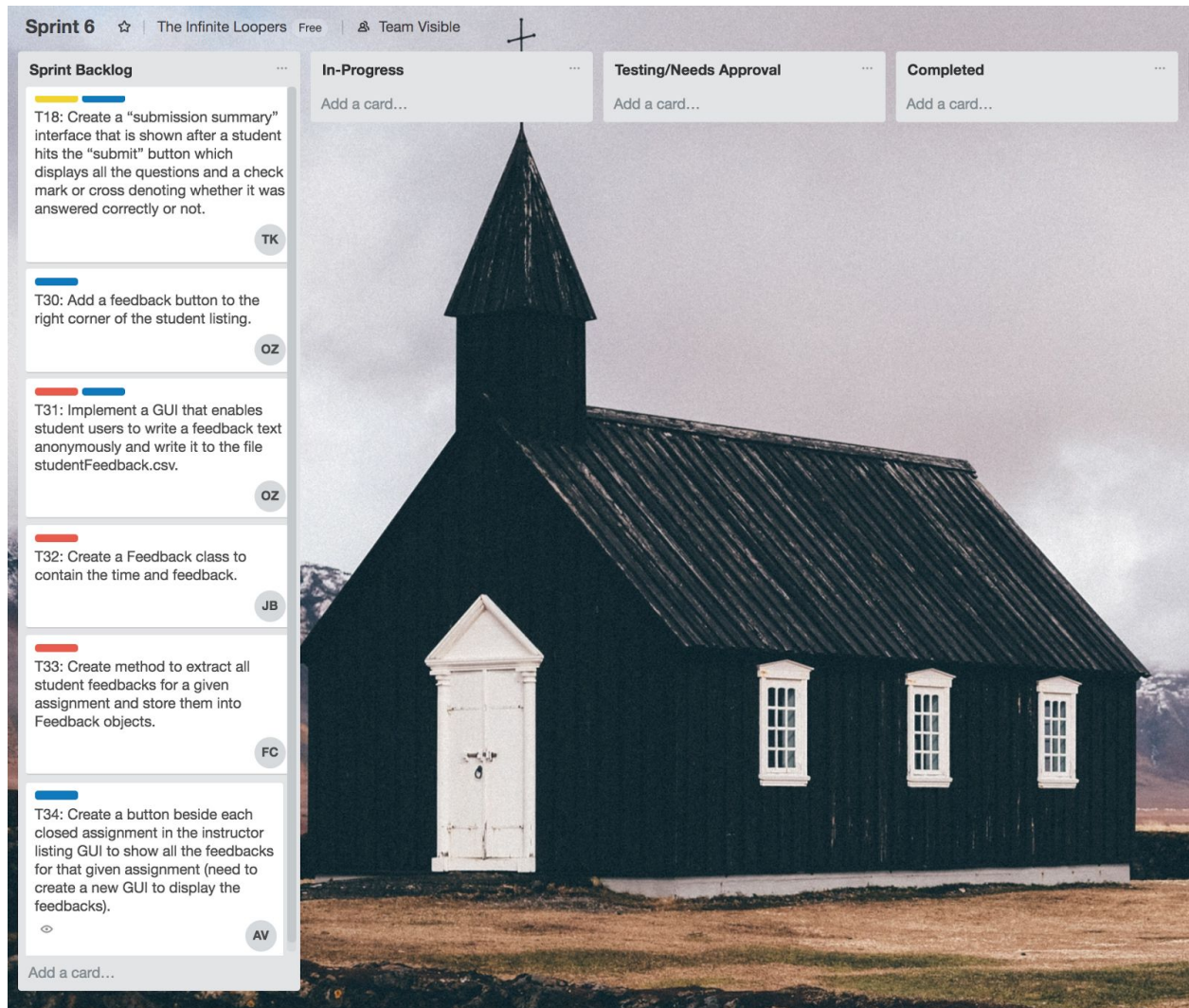
Tito

- Created summary GUI where student can view a summary of which questions they got right or wrong
- Added functionality to AssignmentCompletionGUI's "submit and grade" button to create this new summary window
- Added a Done button to StudentSubmissionSummaryGUI's window to close and open StudentListingGUI

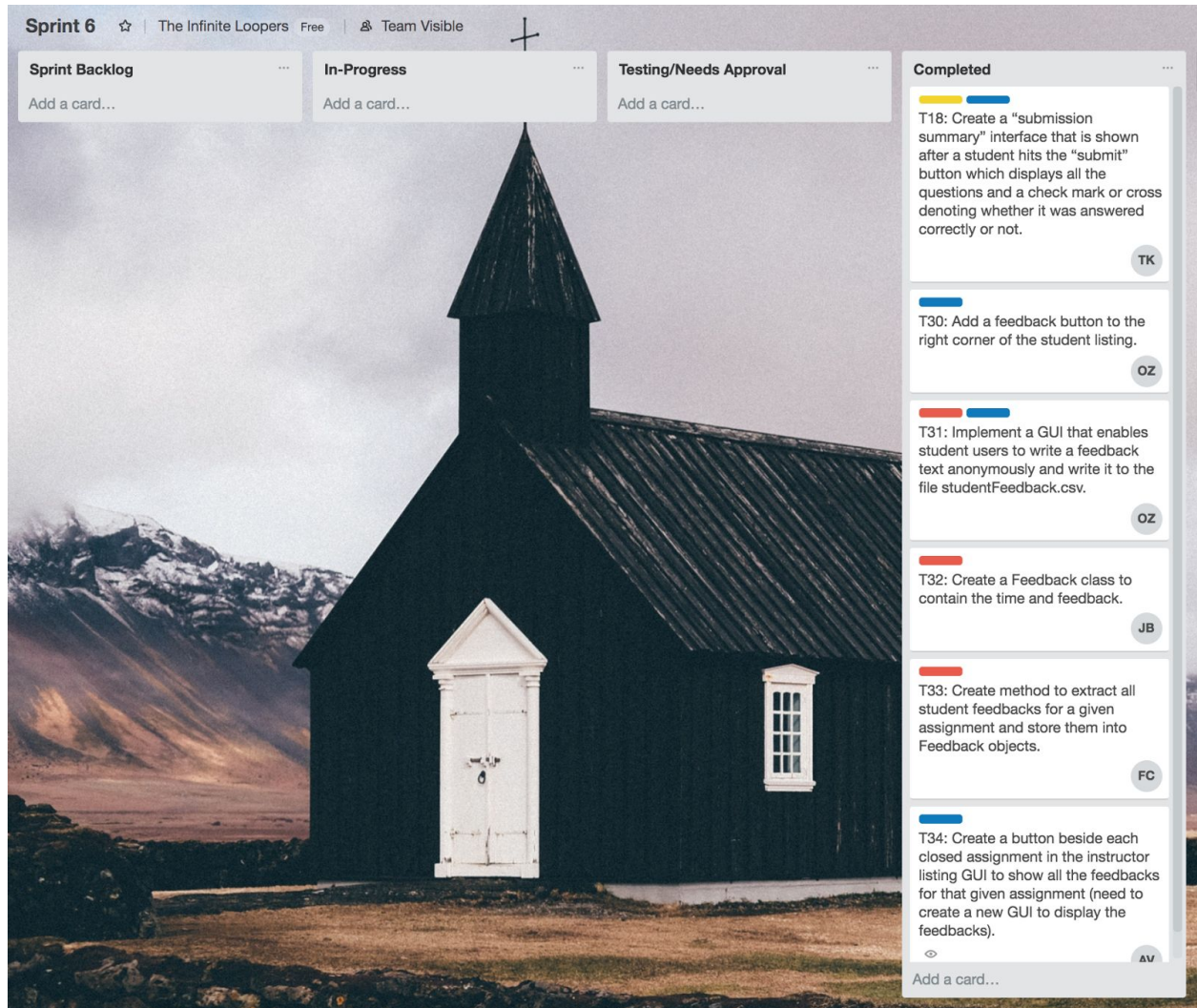
Felix

- Changed Feedback class to store date as a String rather than a Calendar object
- Implemented an extractFeedback() in ExtractData.java that returns a list of Feedback objects created from studentfeedback.csv file
- Refactored code in RegisterStudentInfo.java and RegisterInstructorInfo.java to improve performance, commenting and structure

Taskboard Snapshot

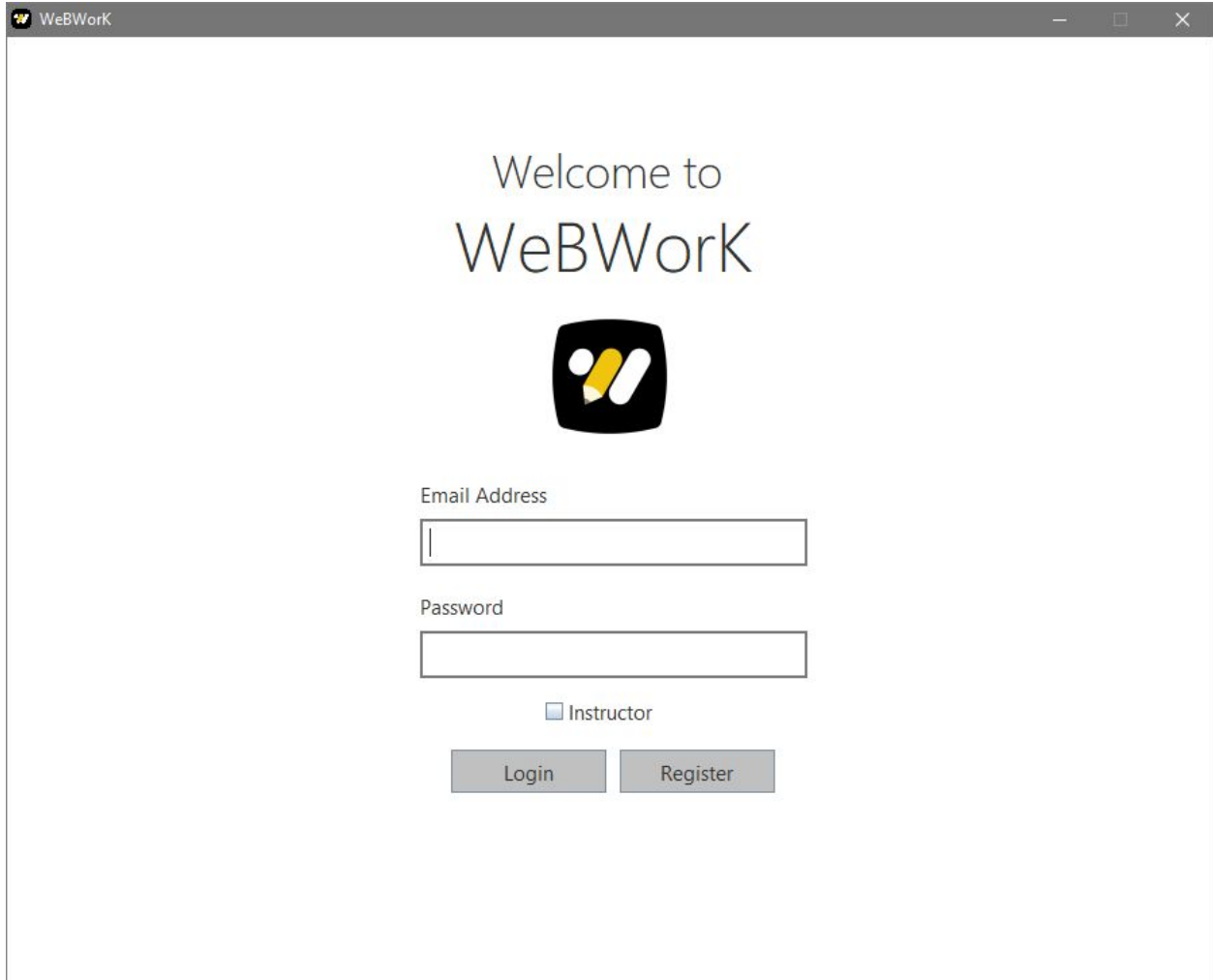


Before




After

Screenshots for the final deliverable



A screenshot of the WeBWork login page. The window title is "WeBWork". The page content includes a welcome message, the WeBWork logo, input fields for email and password, an instructor checkbox, and login/register buttons.

Welcome to
WeBWork



Email Address

Password

☐ Instructor

Login Register

WeBWork Login Page

WeBWork

Welcome to WeBWork

Personal Information

First Name

Last Name

Passcode

☐ Instructor

Admin Instructor entering his/her personal information and setting the invite code for other instructors

WeBWork

Welcome to WeBWork

Personal Information

First Name

Last Name

Set Passcode

☐ Instructor

Secondary instructor registering with the given invite passcode from the admin instructor

WeBWork

Welcome to WeBWork

Personal Information


First Name

Last Name


StudentID

☐ Instructor

Student enrolling into the application system by entering their personal information

 WeBWorK | Instructor Dashboard

Welcome,
Olivia

 View Feedback

Released

Remark

Search Student

+ Add Assignment

Assignment 3
Due 5/1/2019

Edit

Unrelease

Unreleased

Assignment 4
Due 10/4/2018

Edit

Release

Assignment 5
Due 7/6/2019

Edit


Release

Closed

Assignment 1
Due 11/24/2017 Avg: 100.0%

Export Marks

Instructor Dashboard

 WeBWork | Create Assignment

—

□

×

New Assignment

1

Due Date

January

1

2017

Problems

Problem 1

Options

Option A

Option B

Option C

Option D

Solution

☒

☐


☐

☐

+ Add This Problem

Create

Assignment Creation

 WeBWorK | Edit Assignment


—

□

×

Assignment

3



Warning: Editing this assignment
will unrelease it!

Due Date

May

1

2019

Problems

Problem:

quesiton 1

Options

1

2

3

4

Solution

☒

☐

☐

☐

Add new problem


Remove problem

Clear

Save Edited Problem

Save

Assignment Editing

 WeBWorK | Student Dashboard

Welcome,
Julian

Open

Assignment 3
Due 5/1/2019

Open

Closed

Assignment 1
Due 11/24/2017


Remark

Results

Assignment 2
Due 11/20/2017

Remark

Results

 Give Feedback

Student Dashboard

WeBWork | Stud

WeBWork | Complete Assignment

— □ ×

□ ×

Welcome,
Julia

Open

Assign
Due 5/1

Closed

Assign
Due 11/

Assign
Due 11/

Assignment 3

What is your favourite colour?

☒ Blue
☐ Green
☐ Red
☐ Purple

How old are you?

☐ 18
☐ 19
☒ 20
☐ 21

Save and Close

Submit and Grade

Open

results

results

ve Feedback

Assignment Completion

WebWork | Submission Summary

Submission Summary

What is your favourite colour?

How old are you?

Where were you born?

What year are you in?

Submission Summary

WebWork | Submission Details

Assignment 2 Details

Final Mark

Average Mark

Number of Tries

Time Spent

7

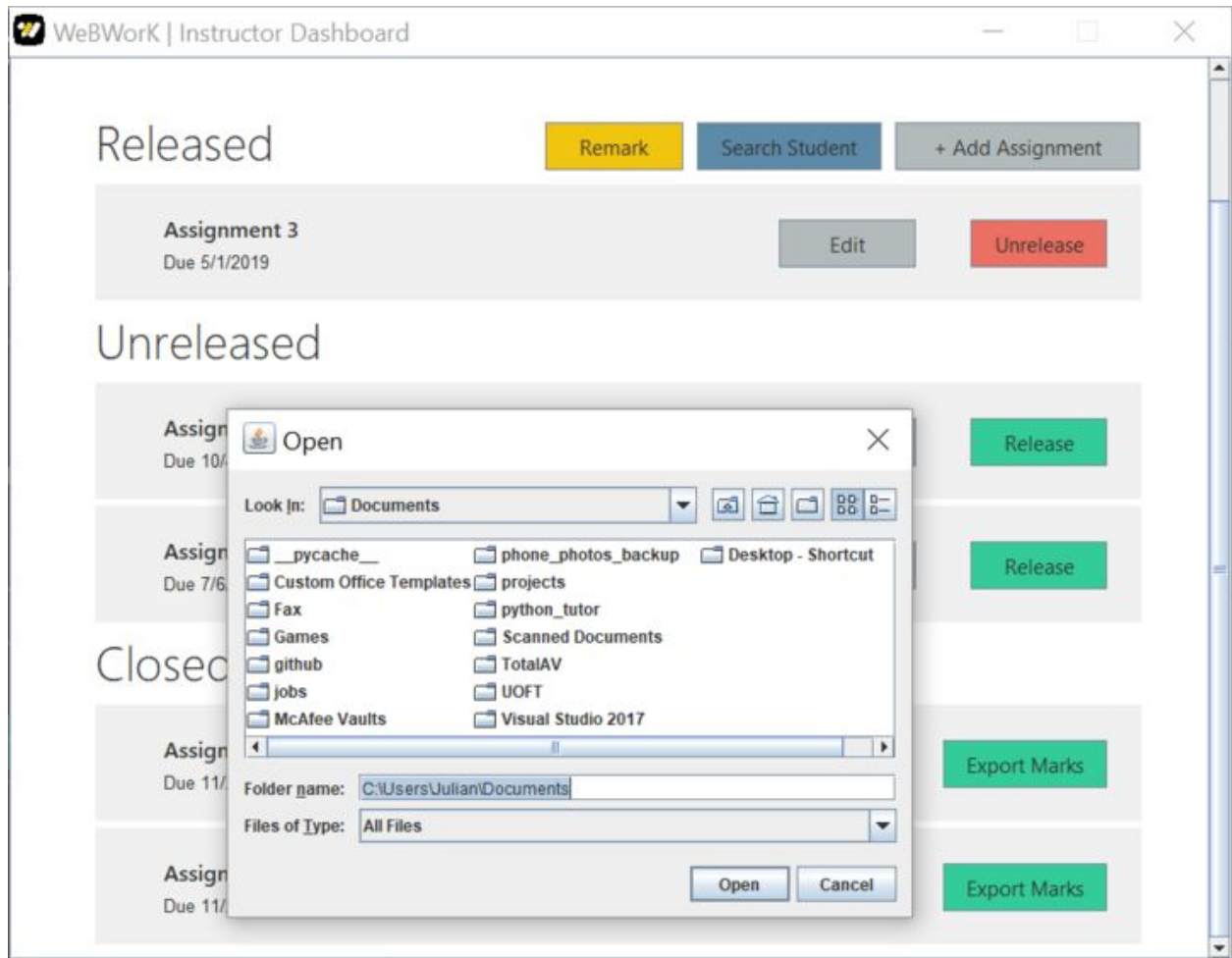
9.33

6

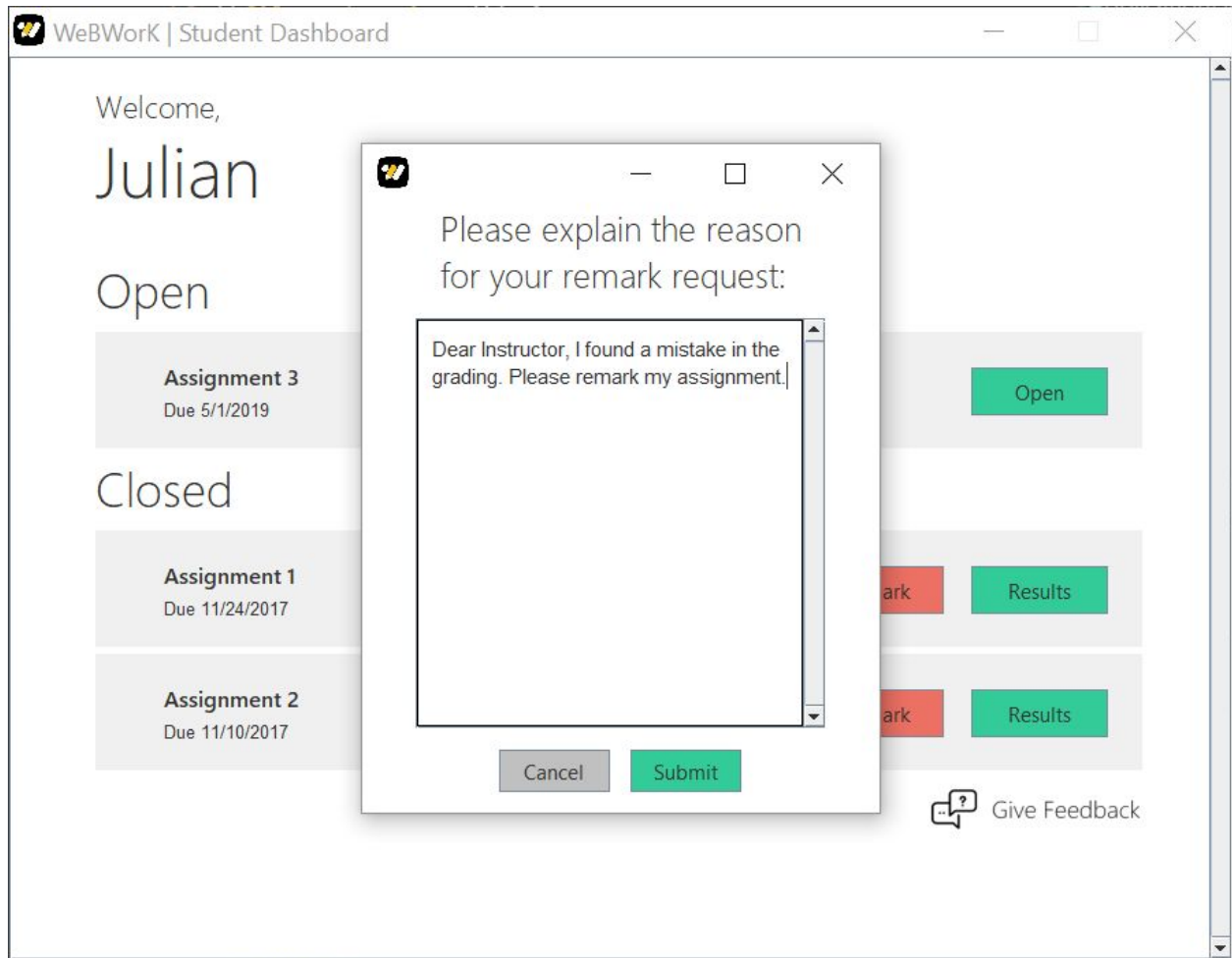
0 hr. 1 min. 6 sec.

Done

Student viewing submission results



Instructor exporting all the student marks to desired location



Student requesting for a remark

Remark Request from student 1002428036 for Assignment2



webworkremarks@gmail.com

Today, 1:45 PM

Ruyin Zhang ↕

🔄 Reply all | ▼

Reason for remark:

Dear Instructor, I found a mistake in the grading. Please remark my assignment.

===== Assignment Details =====

Assignment2

Student Number: 1002428036

Name: Julian

What is your favourite colour?[Solution: Green] ----- answered: Red

How old are you?[Solution: 20] ----- answered: 20

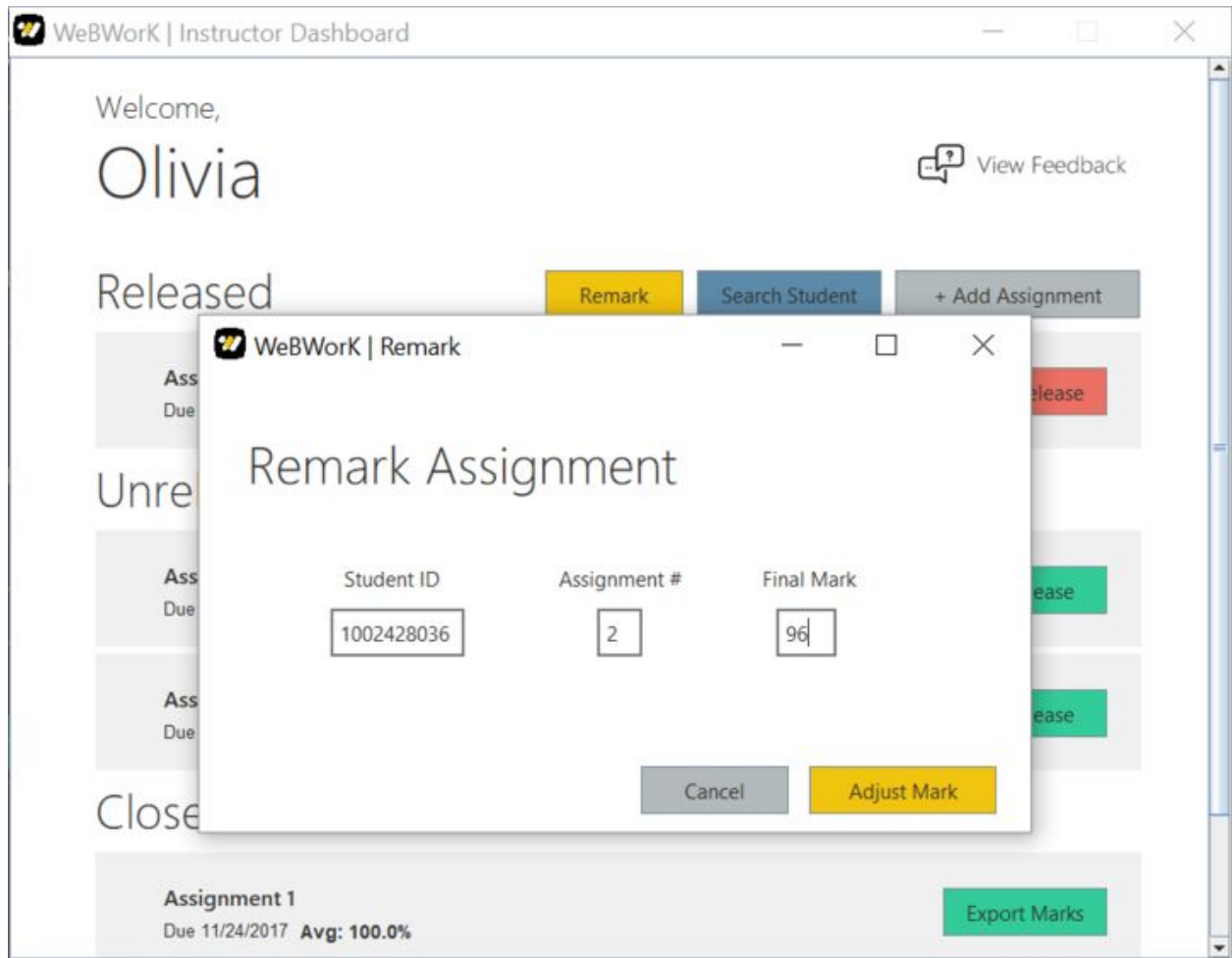
Where were you born?[Solution: China] ----- answered: Canada

What year are you in?[Solution: 3] ----- answered: 3

What brand is your laptop?[Solution: HP] ----- answered: Dell

test question[Solution: 1] ----- answered: 3

Instructor viewing remark request from students through email which is sent by the application system



Instructor adjusting student's mark

Grade Adjusted for 1002428036 for Assignment2



webworkremarks@gmail.com

2:44 PM

To: julian.b@live.ca

Remark Result:

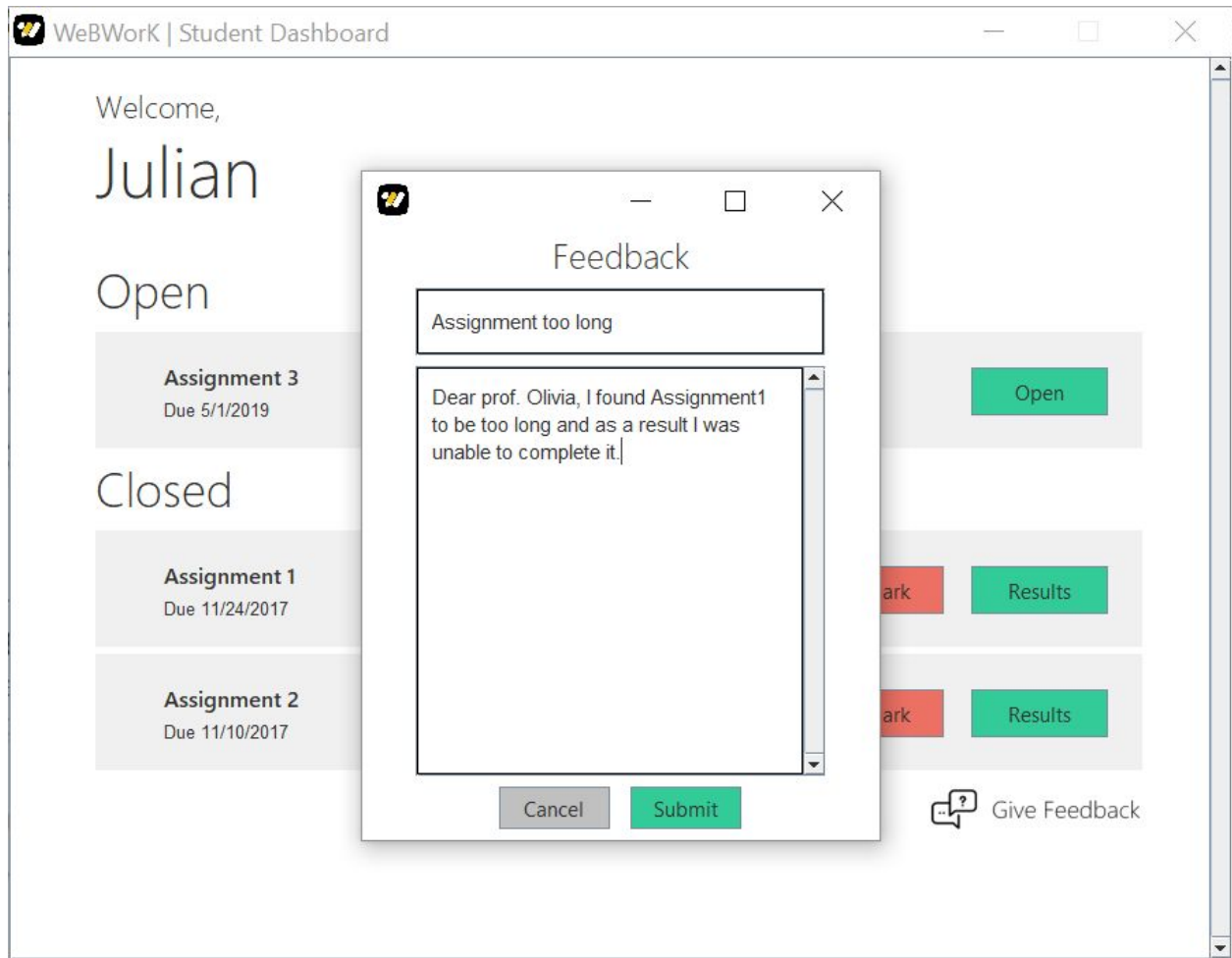
Assignment2

Student Name: Julian

Student ID: 1002428036

Final Grade: 7


Students viewing their remark result on email which is sent by the application system



Student sending a feedback message

WeBWorK | Instructor Dashboard

Welcome,
Olivia

 View Feedback

Released

WeBWorK | Student Feedback

Student Feedback

Assignment too long

27/11/2017

Dear prof. Olivia I found Assignment1 to be too long and as a result I was unable to complete it.

Instructor viewing feedback