GENERAL STYLE GUIDE

COLORS

#3B945E	#57BA98	#6EC4DB
#FA7C92	#FFF7C0	#EFEFEC

FONTS

Title — Open Sans, Bold, 60 pt.

Header — Open Sans, Bold, 48 pt.

Buttons — Open Sans, Bold, 30 pt.

Secondary Info & User Input — Open Sans, Regular, 30 pt.

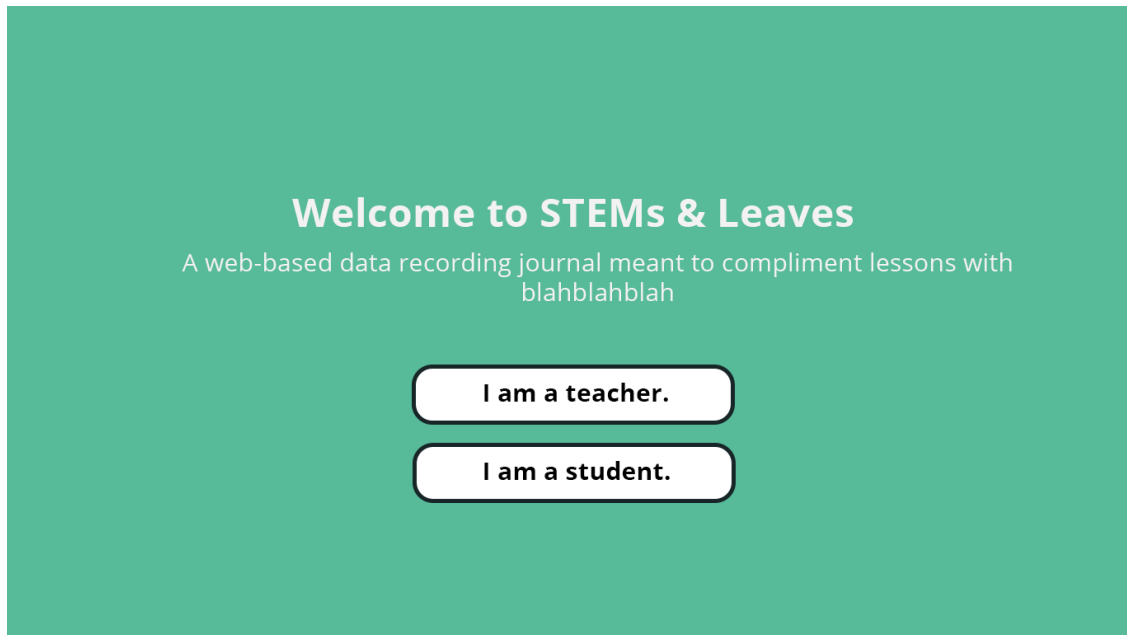**Bolded Text** — Open Sans, Bold, 24 pt.

Text — Open Sans, Regular, 24 pt.

NOTES

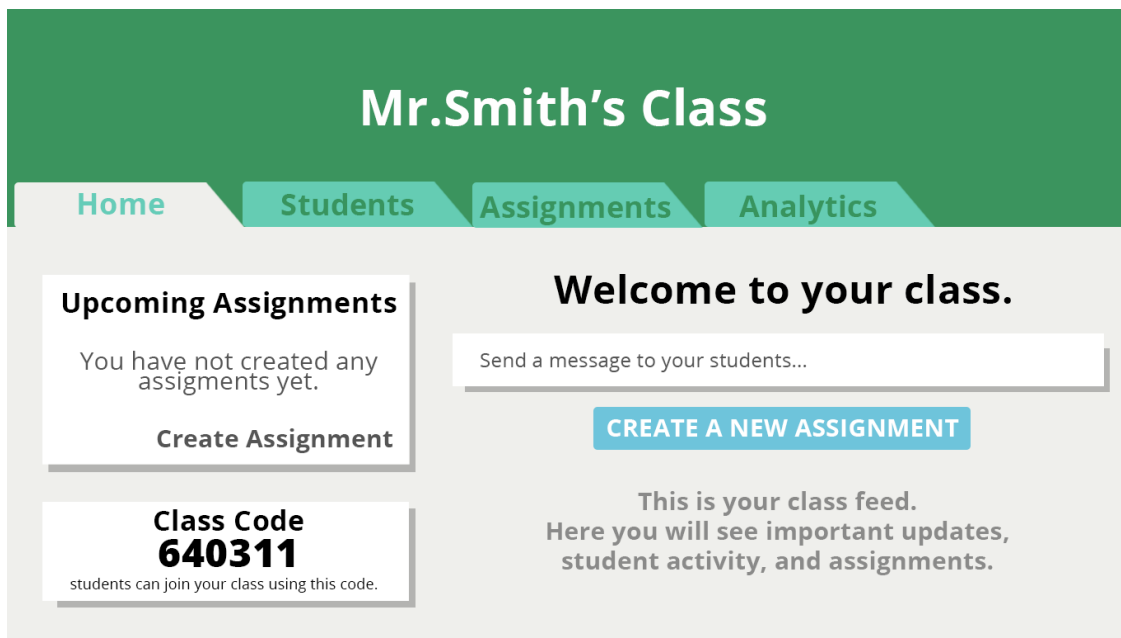+INACTIVE elements are at 60% opacity. ACTIVE elements are at 100% opacity.
+Pop-ups, drop down menus, and dialog menus have a drop shadow of 5 px to the bottom and right of the menu. The drop shadow is black (#000000) at 60% opacity.

PAGES

Welcome to STEMs & Leaves

A web-based data recording journal meant to compliment lessons with
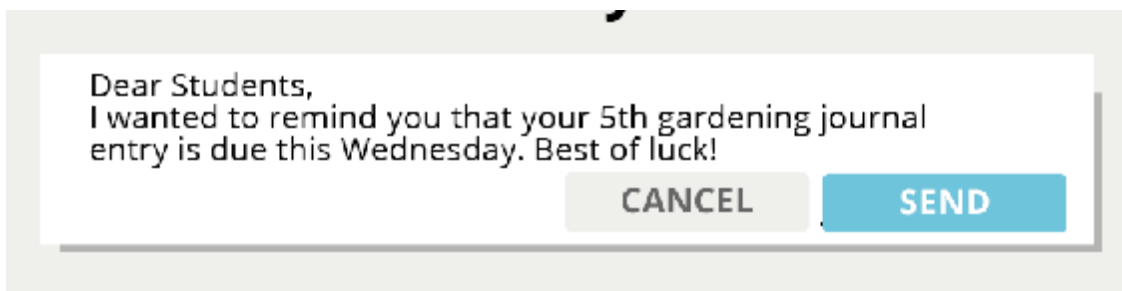blahblahblah

I am a teacher.

I am a student.

LANDING PAGE

The landing page is where users will arrive when first visiting the
site, assuming they have never visited the site before. Two buttons,
"I am a teacher." and "I am a student", on-click update the page to
the class creation pop-up (p.22) or class-code entry page (p.13) ,
respectively.

Mr.Smith's Class

| Home | Students | Assignments | Analytics |

Upcoming Assignments

You have not created any assigments yet.

Create Assignment

Class Code
640311
students can join your class using this code.

Welcome to your class.

Send a message to your students...

CREATE A NEW ASSIGNMENT

This is your class feed.
Here you will see important updates,
student activity, and assignments.

TEACHER HOME PAGE

The teacher home page is where users, who have identified themselves as teachers and already created a class will arrive when visiting the site. Above shows the home page as it will appear with a new class. This page will update with assignments, important updates, and student activity as this data becomes available. The "CREATE A NEW ASSIGNMENT" and "CREATE ASSIGNMENT" buttons both trigger the Create New Assignment Pop-up (p.26)

Dear Students,
I wanted to remind you that your 5th gardening journal entry is due this Wednesday. Best of luck!

CANCEL   SEND

 The "Send a message to your students" bar allows for users to input a text message that will be sent to all students in the class, which can be viewed on their respective home pages. When the user begins to input text into this bar, a "SEND" and "CANCEL" button will appear within the bar. Upon click, "SEND" will deliver the inputted message to all students. Upon click, "CANCEL" will clear the text input field.
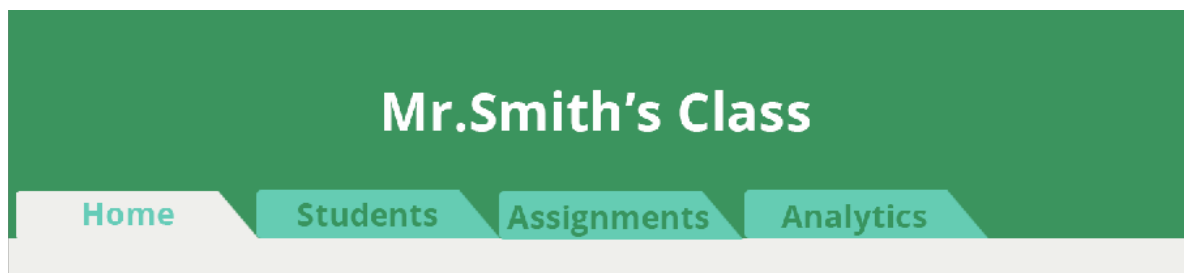
The tab bar found near the top of the Teacher Home Page lists 4 different page views. This tab bar exists across all teacher pages. "HOME" on click updates to the Teacher Home Page (p.7). "STUDENTS" on click updates to the Students Page (p.8). "ASSIGNMENTS" on click updates to the Assignments Page (p.11). "ANALYTICS" on click-updates to the Analytics Page (p.12). The active page is represented by the #EFEFEC colored tabs. Inactive pages are colored #57BA98
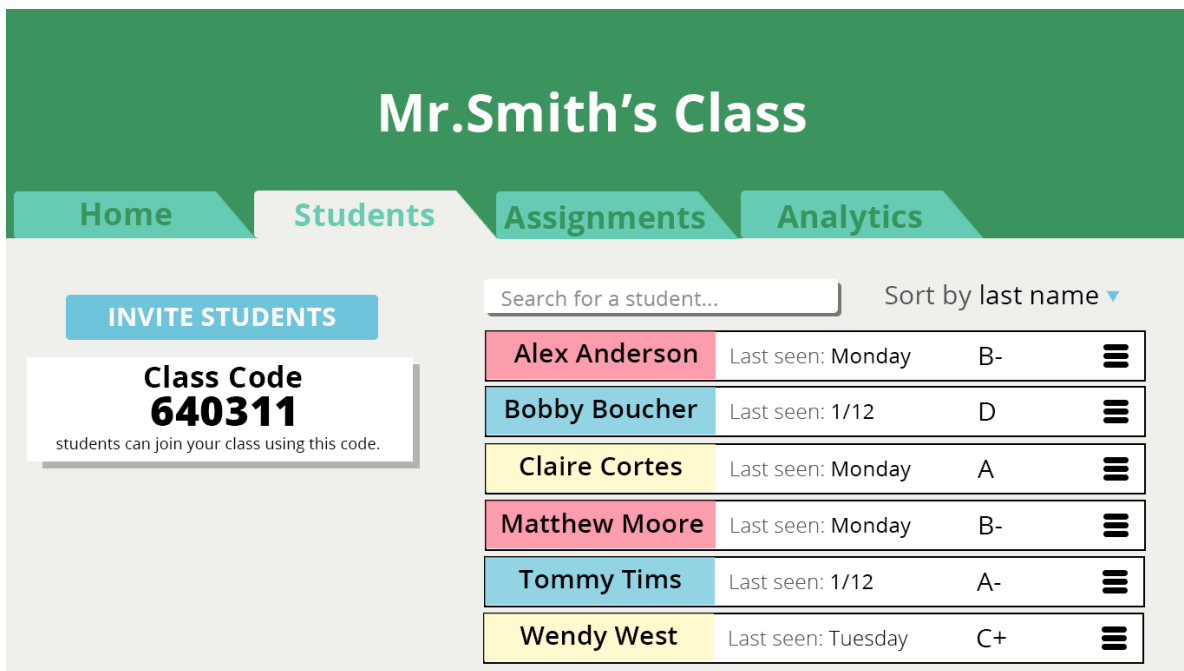

STUDENTS PAGE

The Students Page presents a roster of students within the class.

The "INVITE STUDENTS" button will launch the Invite Students Pop-Up (p.23).

Paul   CANCEL

The "Search for a Student" bar allows users to search for specific students through text input. Live with input, the feed of students will be automatically filtered. When the user begins to input text into this bar a "CANCEL" button will appear within the bar. On click, "CANCEL" will clear the text input field and return to unfiltered results.
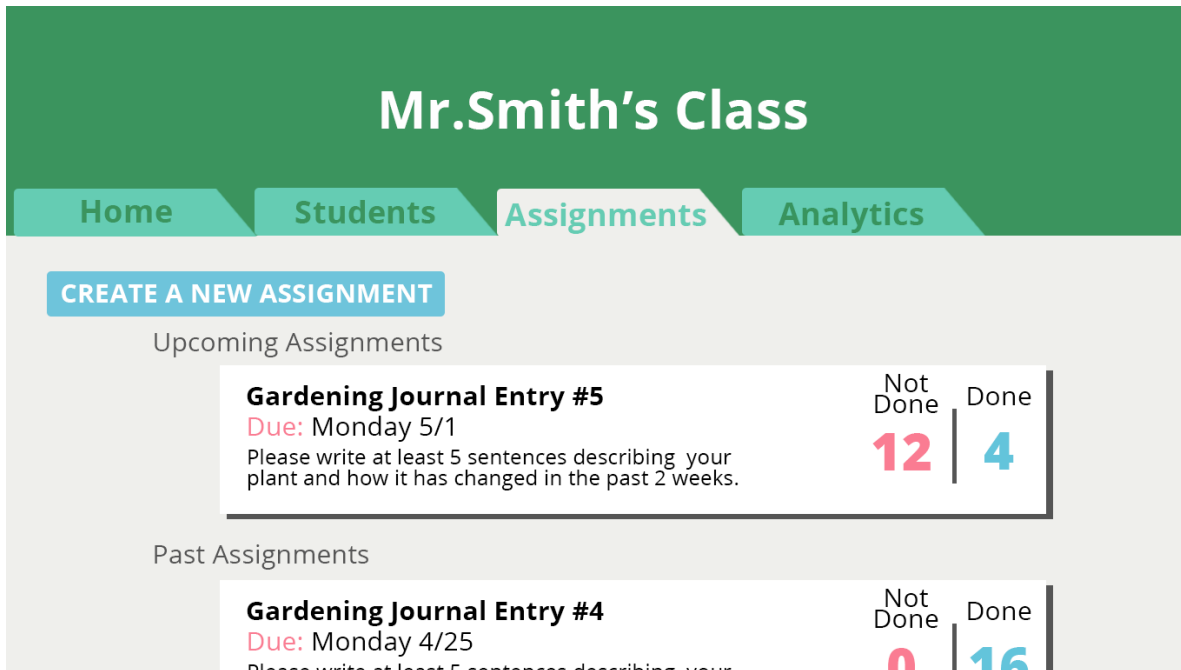
Sort by last name ▼
Last Name
First Name
Grade
Last Seen

day
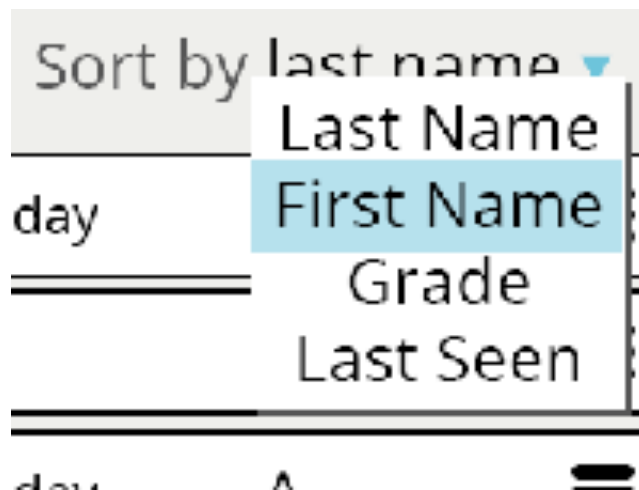
The "Sort by" button allows users to sort the student list through one of four filters: Last Name, First Name, Grade, or Date Last Seen. The default filter is to sort by Last Name. The drop down arrow, on click, will open a drop down menu of these filters. Each filter, on hover, will highlight and on click will close the drop down menu and update the student list accordingly.
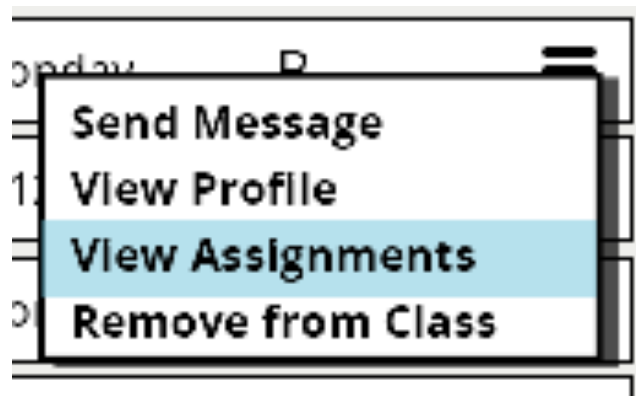
Each student profile has (from left to right) their name, date last seen, letter grade, and a menu button. On click, the menu button will trigger a drop down menu with four actions: "SEND MESSAGE", "VIEW PROFILE", "VIEW ASSIGNMENTS" and "REMOVE FROM CLASS". On hover, each action will highlight. On click, "SEND MESSAGE" will trigger the Send Message Pop-Up (p.23), "VIEW PROFILE" will open that student's respective Student Home Page (p.17) in a new window, "VIEW ASSIGNMENTS" will open the Student Assignments Pop-Up (p.24), and "REMOVE FROM CLASS" will trigger the dialog box shown below.
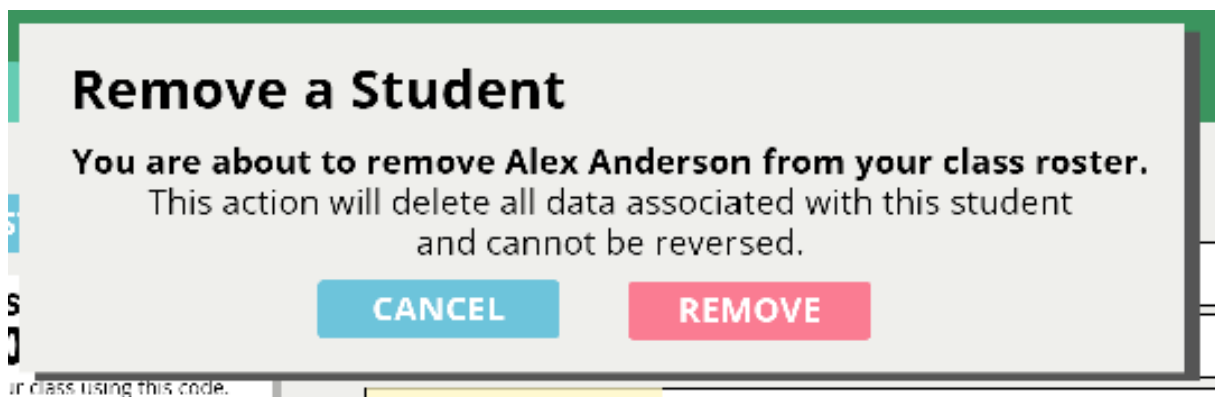
On click, the "REMOVE" button will remove the specified student from the class and delete all data associated with this student. On click, the "CANCEL" button will return to the Students Page (p.8).

ASSIGNMENT PAGE

The assignment page displays a scrollable list of all assignments, separated into two groups "Upcoming Assignments" and "Past Assignments". Each assignment listing shows a title, due date, instructions, the number of students have not completed the assignment and the number of students who have completed it. On click, the "CREATE A NEW ASSIGNMENT" button opens the Create New Assignment pop-up (p.26). If either number associated with those completed and those who have not completed assignments is clicked, a list of the students in that respective group will open. To close this list, the user can click anywhere off the list. On hover, the names in the list will highlight one at a time. On click, any of the names in the list will jump to the student's respective assignment submission.

Mr.Smith's Class

Home Students Assignments Analytics

Average Water (mL) / day

Average Light / day
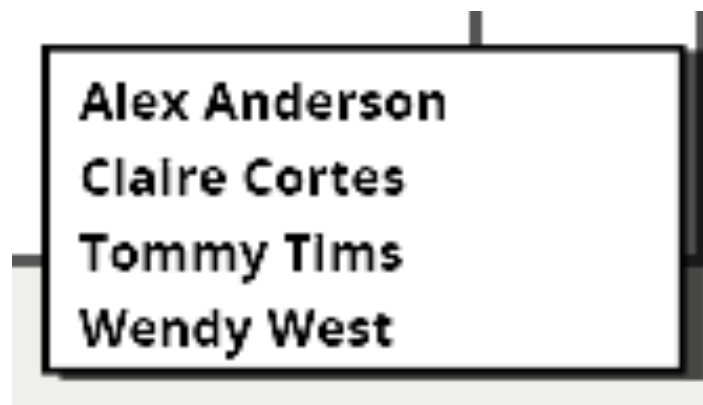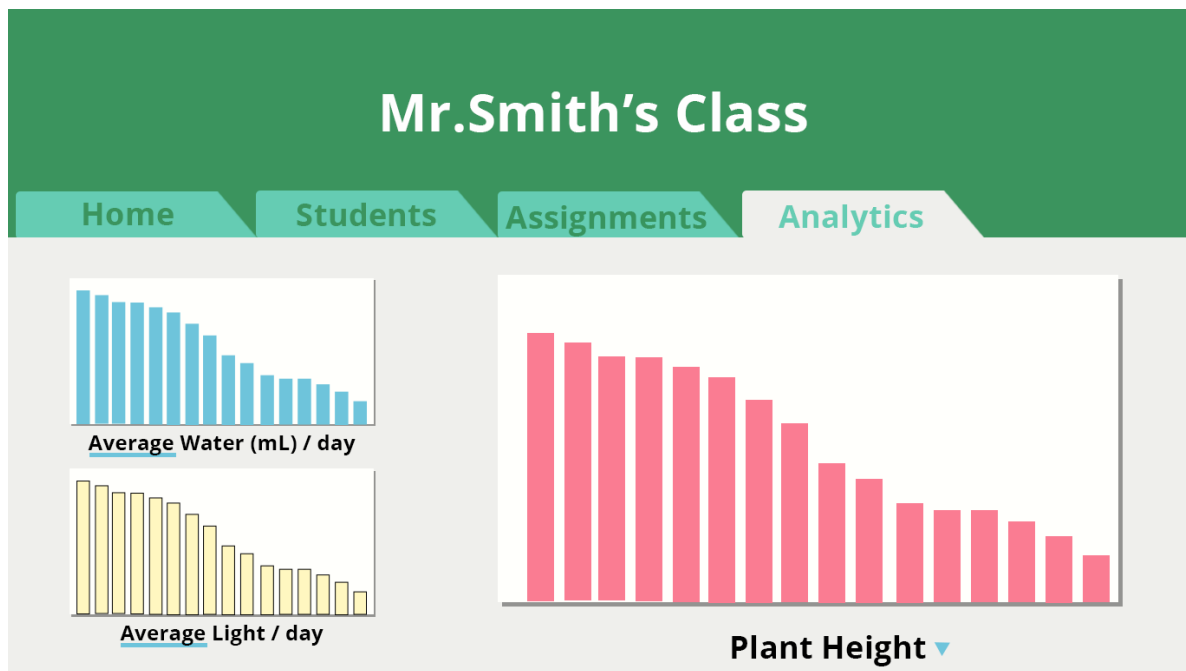
Plant Height ▼

ANALYTICS PAGE

The analytics page displays graphs of each students' plant height, average amount of water given per day, and the average amount of light given per day. If any of the bars on any of the graphs are clicked, on click, they will open the Student Summary Pop-Up (p.24). On click, the drop down button next to the title of the graph will open the drop down seen below.
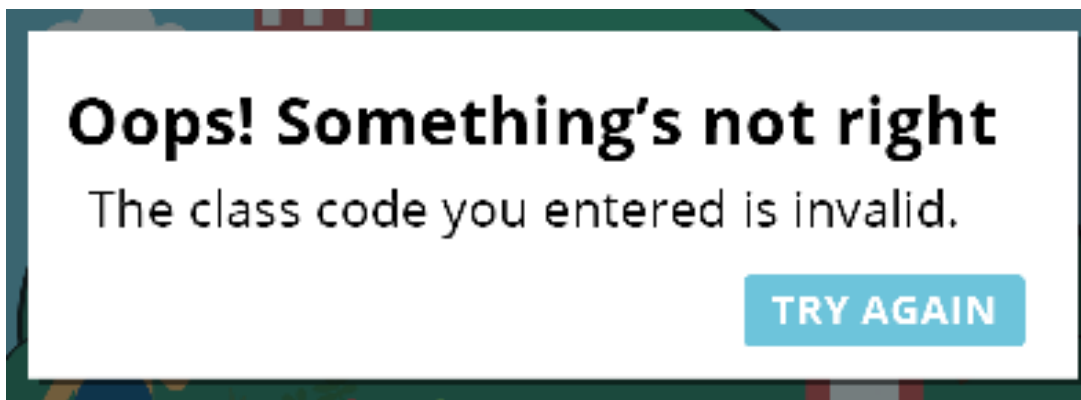

Plant Height
Water/day
Light/day
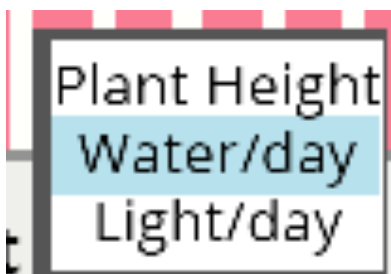
In graphs that display averages, users can switch between mean, median, and mode as representations of the average. By clicking the word "Average" in the title, the drop down below will appear. On hover, the options will highlight. On click, the drop down will close and the graph will update to display the selected representation.
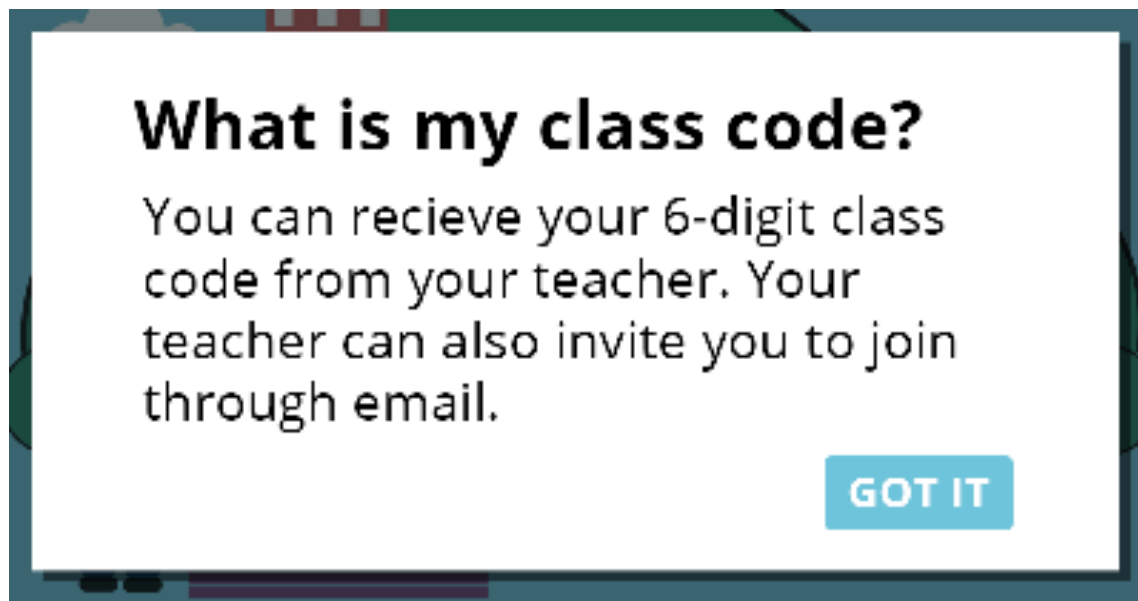

Mean
Median
Mode
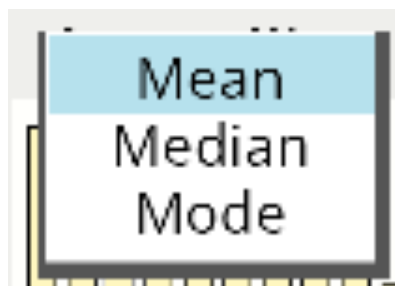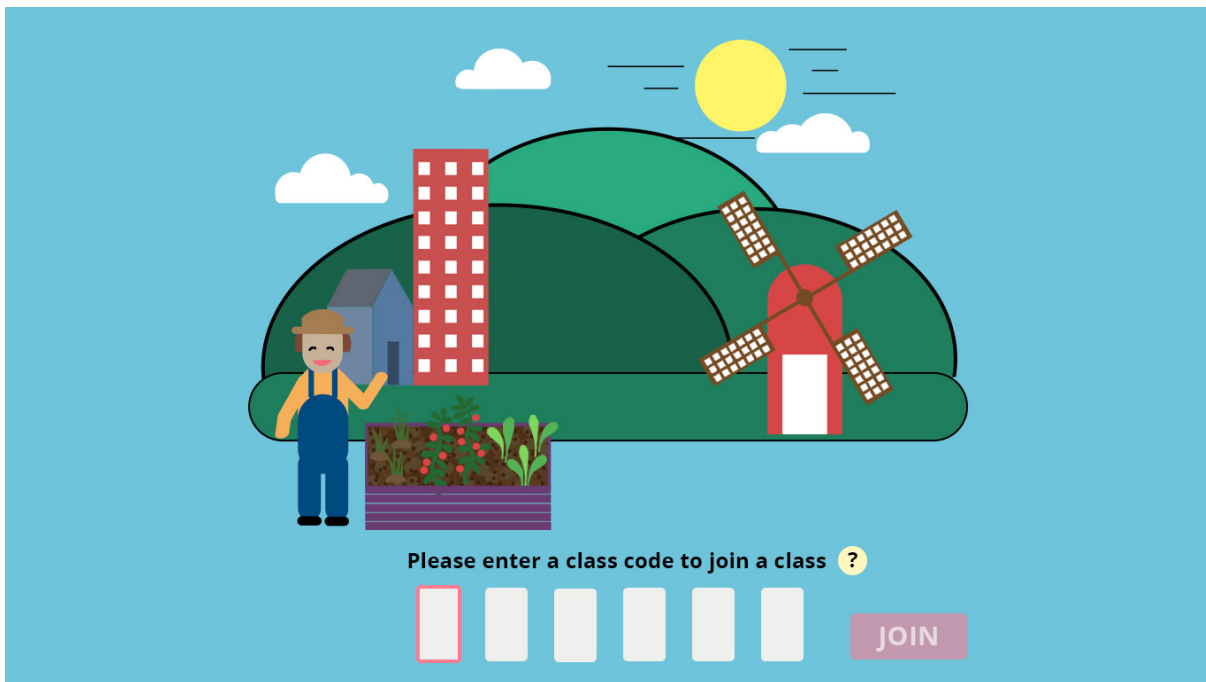
CLASS CODE ENTRY PAGE

This page has 6 digit input fields, where users are able to input a specific code to join their class. On default, the first digit is activated. Once filled with a single digit, the next digit input field becomes active. Specific digit input fields can also become activated on-click. Once all digits are filled, the "JOIN" button becomes active. If the code is valid, the "JOIN" button opens the Student Set-Up Page #1 (p.14). If the code is invalid, the "JOIN" button triggers the dialog box below.

On click, "TRY AGAIN" closes the dialog box and returns to the Class Code Entry Page (p.13) .

What is my class code?

You can recieve your 6-digit class code from your teacher. Your teacher can also invite you to join through email.

GOT IT

On click the "?" button opens this dialog box. On click the "GOT IT" button returns to the Class Code Entry Page (p.13).

Welcome to Mr.Smith's Class

Nice to meet you! My name is Farmer Sam. Before we get started, could you tell me a little bit about yourself and your plant?

Your Name

Your Plant's Name

Is your plant a seed or grown plant?

SEED

GROWN PLANT

NEXT

STUDENT SET-UP #1 PAGE

This page starts with an input field for the user to input their name active. On input, the second input field, for the user's plant name, becomes active. Likewise, on input in the second field, the third field becomes active. In the third field, the user is asked if their plant is a seed or grown plant. On click, either option activates the "NEXT" button. The user can edit any input field, once activated, at any time. Editing an input field and beginning a new input field occurs on click. On click, the "NEXT" button goes to Student Set Up #2 Page(p.15).

STUDENT SET-UP #2 PAGE

This page starts with a multiple choice input field. The user can click one of three options: Tomato, Snap Pea, or Basil. If the user indicated in Student Set-Up Page #1 (p.14) that their plant is a seed, any of these options on click activates the "NEXT" button. Otherwise, any of these option on click activates the next input field. This input is text based, asking the user to input the height of their plant in inches. On input, the "NEXT" button becomes active. On click, the "NEXT" button goes to Student Set-Up #3 Page(p.16).
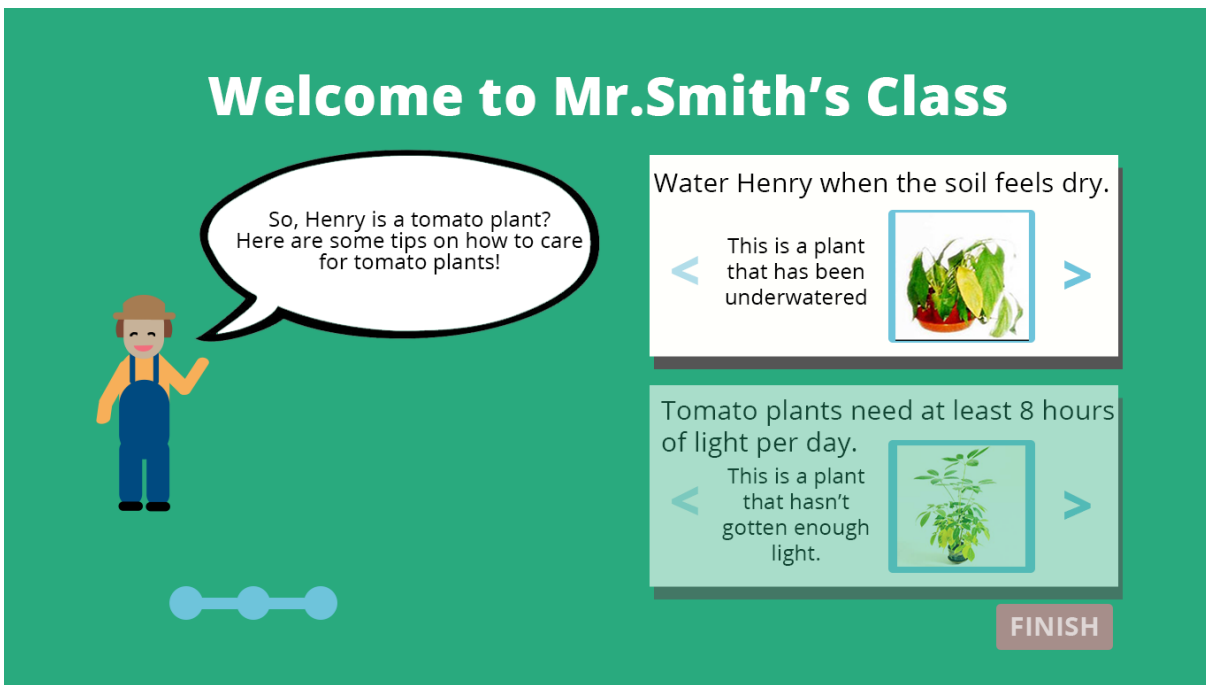
STUDENT SET-UP #3 PAGE

This page features two 3-page image galleries that the user is required to click through. The first displays an under-watered, over-watered, and well watered plant. The second is an under lit, over lit, and well lit plant. In either gallery, on click the ">" arrow proceeds to the next image. The user is required to click through the first gallery before the second becomes active. The "<" arrows goes to the previous image and becomes active after the first click on ">" arrow. The user is able to click back and fourth through either gallery as many times as desired once they are both active. Once the second gallery is viewed in entirety, the "FINISH" button becomes active. On click, the "FINISH" button goes to the Student Home Page (p.17).
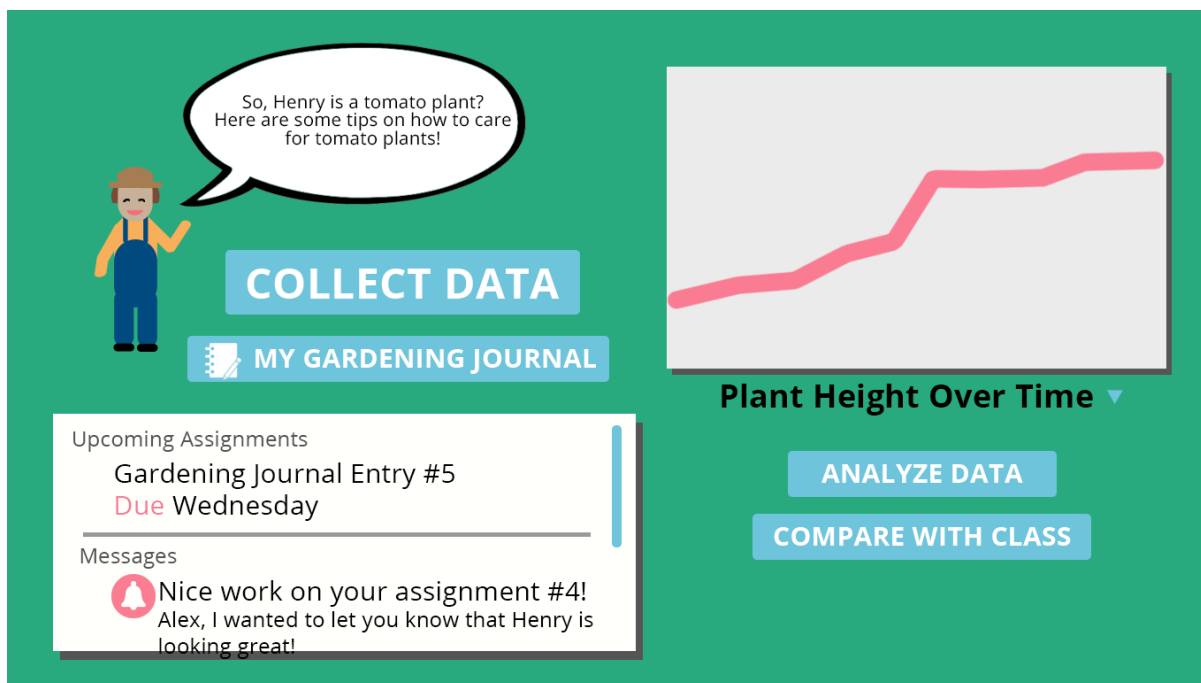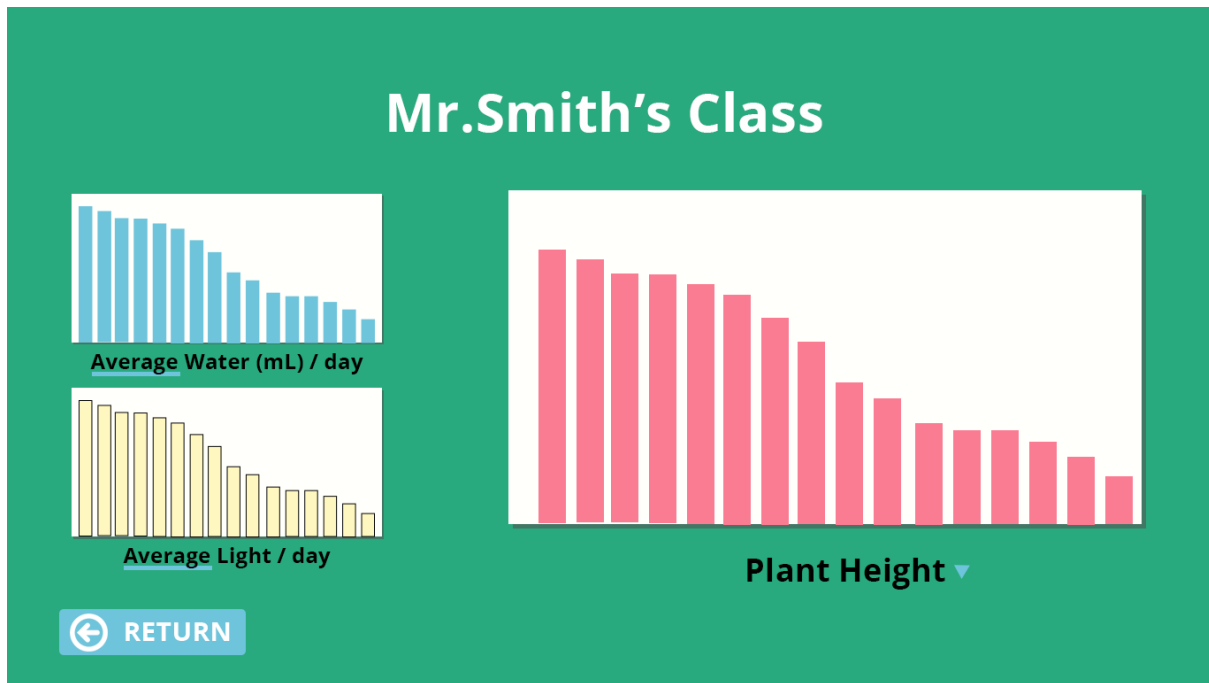
STUDENT HOME PAGE

This is the page that student users returning to the site will arrive at when visiting the site, assuming they have set up a profile. A scrollable notification board shows upcoming assignments, messages from their teacher, grades, and other important notifications. On click, the "ANALYZE DATA" button goes to the Analyze Data Page (p.21), the "COMPARE WITH CLASS" button goes to the Compare with Class page (p.18), the "COLLECT DATA" button goes to the Collect Data Page (p.19), the "MY GARDENING JOURNAL" button goes to the Gardening Journal Page(p.20). The speech bubble of the farmer character is updated to highlight important information and make suggestions.

The button next to the graph title, on click, triggers a drop down that allows users to switch between one of three graphs: "Plant height over time", "Water / day ", and "Light / day". On hover, the options will highlight. On click, the drop down will close and the graph displayed will be updated with the respective graph.
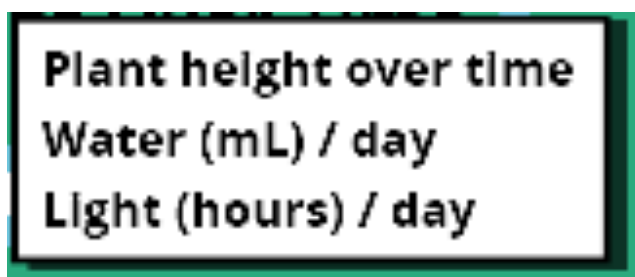
COMPARE WITH CLASS PAGE

This page displays the same information and same functionality as the Analytics Page (p.12).

COLLECT DATA PAGE

The Collect Data page is where the user inputs data relating to plant care. The questions are sequential - each question becomes active after the one before it has been interacted with. The "+" and "-" buttons, on click, edit the data value it is associated with. The height question requires text input from the users, however, on click, the "SKIP" button activates the "SAVE" button without any input in the height section. Once every question is answered, the "SAVE" button becomes active. On click the "SAVE" button returns to the Student Home Screen (p.17). The "UPLOAD A PHOTO" button triggers the Upload a Photo Pop-UP (p.25).

GARDENING JOURNAL PAGE

The Gardening Journal page is where the user is able to write about their plants, balancing qualitative and quantitative data. Old entries can be viewed by clicking their respective tabs on the side of the journal. When creating a new entry, users are asked to input an Entry Title. If an assignment relating to the gardening journal exists and has not previously been completed, a drop down menu allowing the user to select that specific assignment is available.

A table of the data from that specific day is presented in the new entry. If there is no data collected from that day the table will read "No data available". Users are able to switch between this table and uploaded photos from that day through clicking on the tabs to the right of the table. If no photo is available there will be an "Upload a Photo" button, which, on click, will trigger the Upload a Photo Pop-Up (p.25). When the user inputs text into the entry, the "SAVE" button will become active. On click, the "SAVE" button will save the entry, and if it is associated with an assignment, will submit the entry to the assignment.
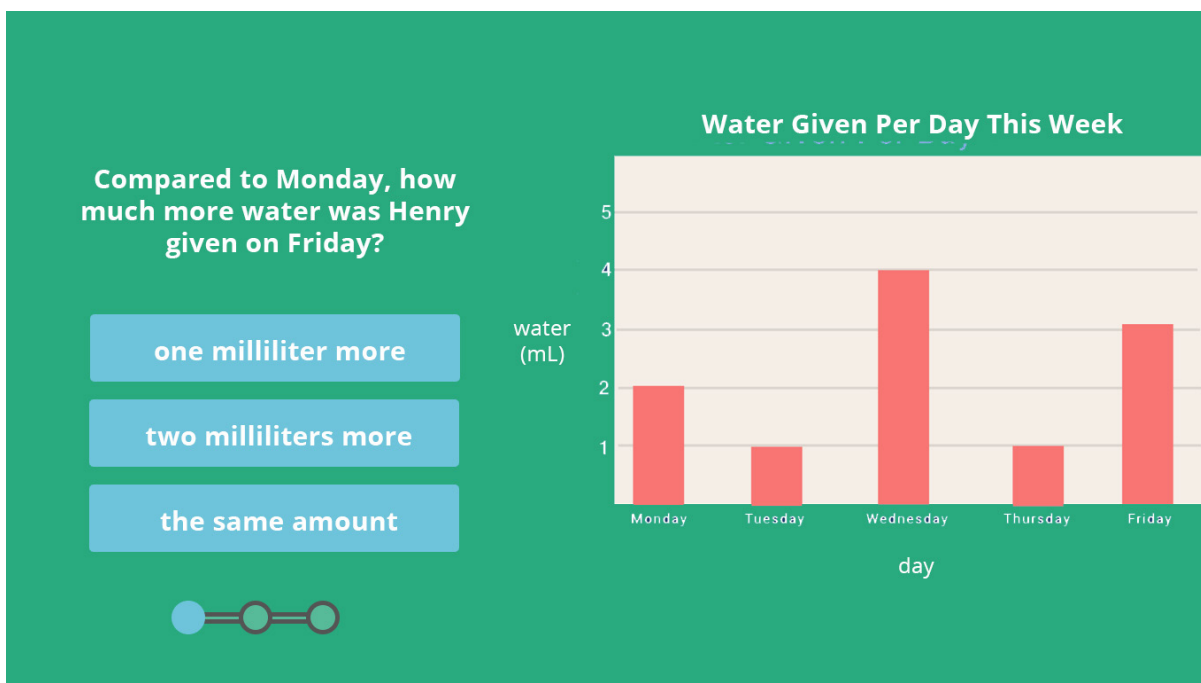
ANALYZE DATA PAGE

The Analyze Data page is a 3-question module asking users to analyze and understand graphs. The questions are multiple choice and on-click, trigger either a correct answer dialog or incorrect answer dialog. The correct answer dialog will have a "NEXT" or "FINISH" button which on click, proceeds to either the next question in the module, or returns to the Student Home Page (p.17). The incorrect dialog will have a "TRY AGAIN" button that returns to the question.
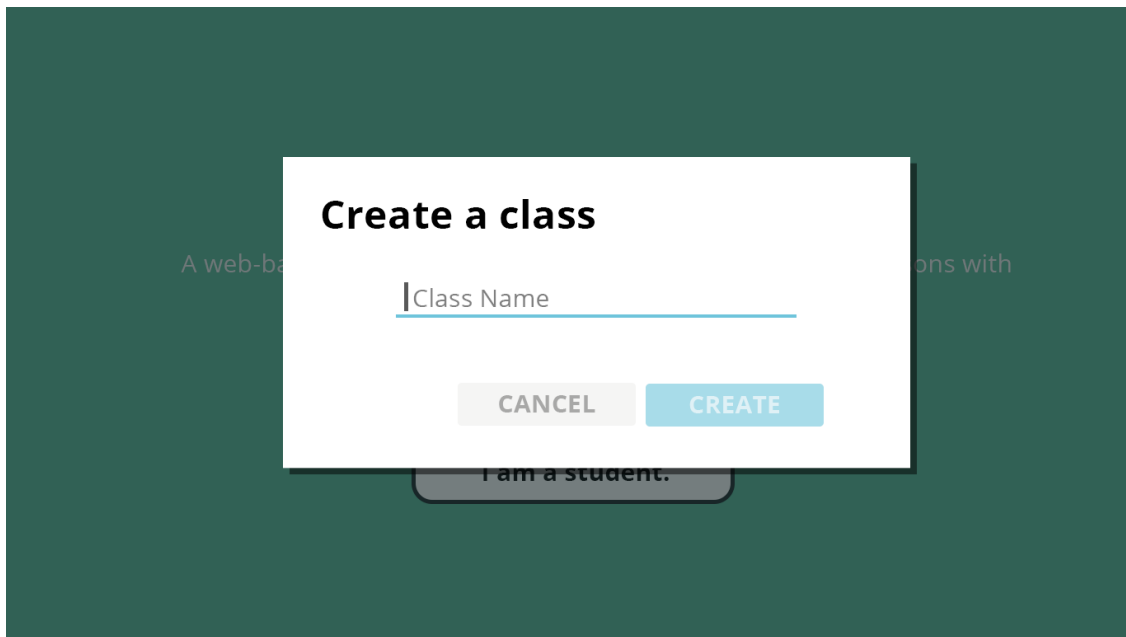
POP-UPS

CLASS CREATION POP-UP

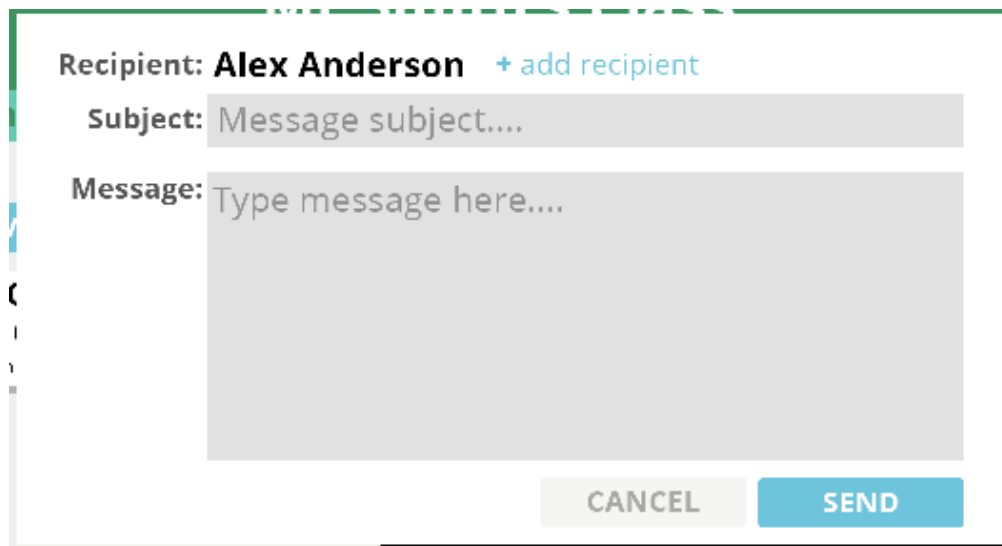Upon clicking the "I am a teacher." button on the landing page, this pop-up appears. Users are required to enter a class name, after which, the "CREATE" button becomes activated. On-click, this button updates to the Teacher Home Page (p.7). At any point, the "CANCEL" button returns the user to the landing page (p.6).
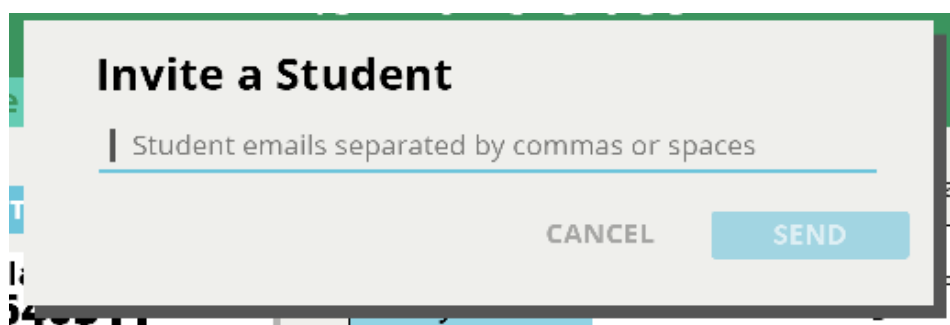
SEND MESSAGE POP-UP

The Send Message Pop-Up allows the user to send a private message to a student, which can be seen by the student on their respective Student Home Page (p.17). On click, the "ADD RECIPIENT" button will trigger a text input box where the user can input additional student names. The Subject and Message boxes allow for user input. On click, the "SEND" button will send the message to the specified recipients. On click, the "CANCEL" button will close the Send Message Pop-Up and return to the Students Page (p.8).

INVITE STUDENTS POP-UP

On this pop-up users are able to input email addresses, separated by commas or spaces. Once a single email address has be input in this text field, the "SEND" button becomes activated. On click, "SEND" will deliver an automated email to specified addresses inviting users to this specific class- the email will link to the Student Set-Up #1 page (p.14). At any point, on click the "CANCEL" button will close the pop-up and return to the Students Page (p.8).

Gardening Journal Entry #5
Due Monday 5/1

STATUS:
Incomplete
LATE

Gardening Journal Entry #4
Due Monday 4/25

VIEW SUBMISSION

STATUS:
Submitted

GRADE

Gardening Journal Entry #3
Due Monday 4/12

VIEW SUBMISSION

STATUS:
Complete
GRADE:
A+

VIEW ASSIGNMENTS POP-UP

The View Assignments Pop-Up shows an individual students assignments, in the form of a list ordered by date due. Each assignment box shows assignment titles, due date, status, and, if available, grade. Assignments can have one of three statuses: Incomplete (will indicate if late or not), Submitted, and Complete. An assignment is complete if it has been submitted by the student and graded by the teacher. The" VIEW SUBMISSION" button, on click, jumps to that student's submitted assignment, whatever page that may be on.

Tammy the Tomato Plant

Tammy is **5 inches** tall
On average, Tammy gets
4 mL of water and
7 hours of light a day.

STUDENT SUMMARY POP-UP

On this pop-up the user is shown the name and type of the selected plant associated with the graph element that triggered the pop-up. The most recent photo is included in the pop-up as well as the most up-to-date data relating to height, watering, and lighting. The pop-up is closed by clicking any where else on the screen. When closed, the user is returned to whatever page the pop-up was triggered from.
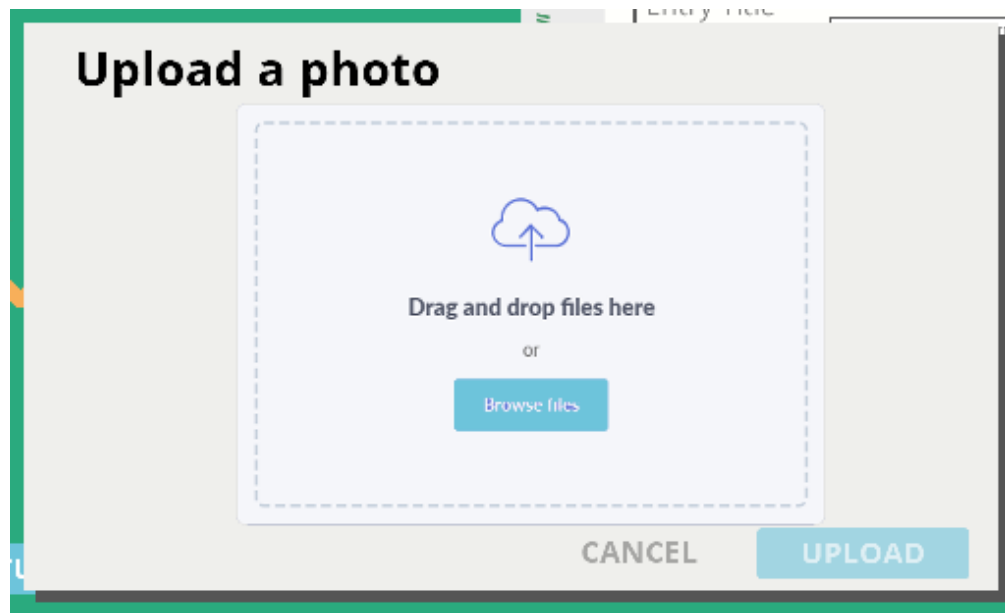
UPLOAD A PHOTO POP-UP

The Upload A Photo Pop-Up allows users to drag image files from their computer or browse their files to select a specific photo to upload. Once a file is selected, the "UPLOAD" button will become active. On click, "UPLOAD" will save the image file in the relevant area, close the pop-up and return to whatever screen the pop-up was triggered from. At any point, on click "CANCEL" will close the pop-up and return to whatever screen it was triggered from.

Create an assignment

Assignment Title

Due Date
May 1, 2018

Add additional assignment instructions here...

CANCEL   CREATE

CREATE NEW ASSIGNMENT POP-UP

The Create New Assignment Pop-Up has fields for users to input an Assignment Title, Due Date, and Assignment Instructions. Once the Assignment Title and Due Date are entered, the "CREATE" button becomes active. On click, the "CREATE" button closes the pop-up and updates information relating the upcoming assignments. At any point, on click, the "CANCEL" button closes the pop-up and returns whatever screen it was opened from.

On click, the Due Date field opens a calendar drop down. The user is able to select the date from this visual representation or type the date directly in the field. Clicking a date will close the calendar drop down and update the due date field.

May 1, 2018

May 2018   < >
S M T W Th F S
         1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31