### As a student, I want to be able to cancel a booking a certain number(X) days before the booked date

Administrator selects certain number (say this number is X). Students can make a cancellation if the day is X days before the booked date.

### Fixing / Implementing

Functionality was actually being already being implemented. The feature can be found in “controllers/make\_booking\_controller.rb” at view\_experiment method and in “views/make\_booking/view\_experiment.html.erb” at line 80~100.

### How to use

1. Login as student
2. Go to book experiments and select any experiment
3. If the experiment is booked and if today’s date is more than X days before the booked date then the “Delete Bookings” appears below the calendar. When pressed on the button, the experiment becomes unbooked.
4. If the experiment is booked and if today’s date is equal or less than X days before the booked date then the “Delete Bookings” button does not appear and instead, notice appears stating the Student cannot cancel the booking to this experiment.

### As an admin, I want to view the list of experiments side by side with the calendar

Administrator is able to view the list of all experiments next to the Calendar.

### Fixing / Implementing

In “views/calendars/index.html.erb”:

* Changed the style of calendar to also have “float:left”. This will align the calendar to the left of the page.
* Added new experiment table. The table will list all experiments name with a checkbox next to it.
* Within experiment table, there is a submit button to send a post variable, storing the checked experiments’ id.

In “controllers/calendar\_controller.rb”:

* At method index, added new instance variable called experiments. This variable stores all the experiments and passes the information to the calendar view.
* Added a new method called update\_experiment. The method is invoked when the submit button in calendar view is pressed. It will catch the post request and stores the checked experiments’ id in the global class variable @@exp\_selected. When post request was unsuccessful, error notice will come up stating “Failed Request”.

### How to use

1. Login as administrator
2. Navigate to Calendar page.
3. If there is any experiments, you should see the names of experiments within the table next to the calendar.

### As an admin, I want to view the experiments booked and completed for each student

Administrator wants to know each Students state to each experiments. The state can be “Nothing’ if Student has not booked for that experiment, “Booked” if Student has booked for that experiment or “Complete” if booking date has passed.

### Fixing / Implementing

In “controllers/make\_booking\_controller.rb”

* In index method, added the code to retrieve all bookings made by the user and set each experiments relative status to instance array variable @experiment\_status.

In “views/make\_booking/index.html.erb”

* Added if statement to distinguish administrator and students. If logged in as admin, new row in the table with header “Status” appears. The row will list each experiments status.

### How to use

1. Login as administrator
2. Navigate to Students
3. Select ‘book experiment’ for particular Student
4. You will see table of Students experiment detail. The table should include row with header named “Status”, listing the status of all available experiments.