

Milestone 5

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User Acceptance Test Plans:

Login Test- Have users properly login and be redirected to calendar page. Users should be redirected to login page if the incorrect credentials are given and be redirected to the login page and informed that the login was unsuccessful. The feature will also check to make sure that the data entered into the email form is actually an email and prompt the user if it is not a valid email address.

To validate the functionality of this feature, users should enter in credentials to the login page. If the credentials are correct, the calendar page will load and if they are incorrect an error message will let the user know that the login attempt was not successful.

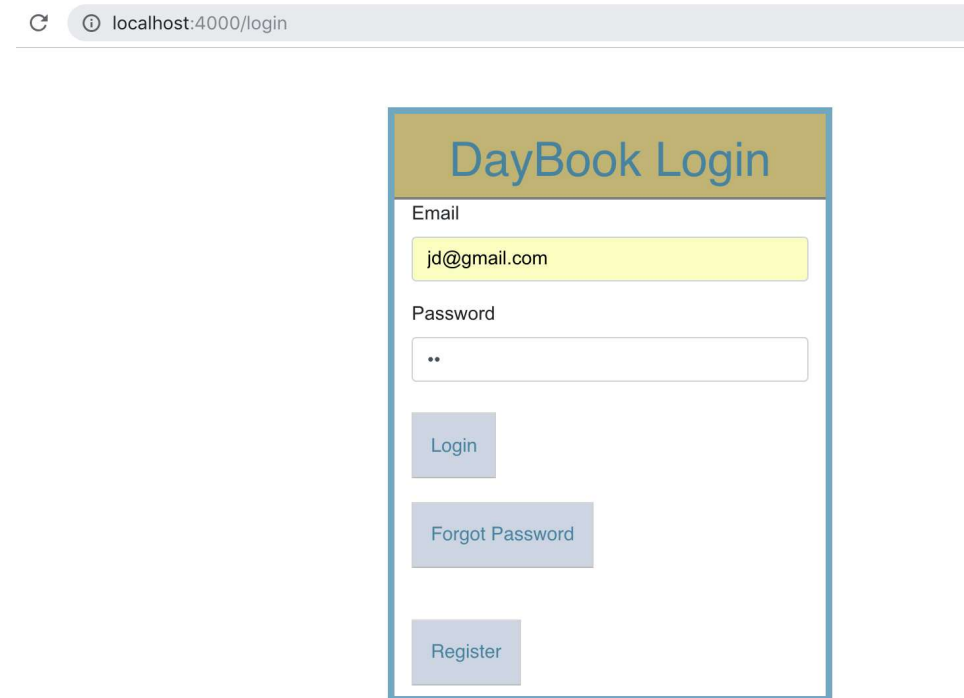
Prev and Next Calendar Buttons- Pressing the prev and next button for the calendar should allow users to from the current month to the previous and from the current month to the next. The proper year and month of the calendar, and due dates teachers give should be updated every time the prev or next buttons are pressed. To validate the functionality of this feature, users will press the prev button once and then the forward button once. This will make sure the buttons at a base level work properly, the month is properly updated, and the due dates update properly. Next, we will have the users press the prev button until they go to the previous year in the calendar, then forward once, and vice versa. This will test all edge cases where the calendar is switching years to make sure the year and dates update properly. Next we will make the user go back one year. The month on both years will have due dates. This ensures the proper due dates are displayed and the code that displays due dates properly takes the year into account.

Create Profile- Filling out information on the create profile page, should create a new profile for the user. To validate the functionality of this feature, we will have the users do several things. First we will have them press the submit button without filling out anything. This should not work and print out that the required fields aren't filled in yet. Next we will have the user write different things in the password and confirm password fields, this should fail if the two are different. Then we will have them enter an email that already exists. Two people shouldn't have the same email and this should fail. Finally we will have the users create proper profiles as students and professors. Being marked as a student or a professor should give you different options (ie students can add classes to follow and professor can be able to create classes and due dates).

Add Classes-Student users should be able to add classes, so that they can see due dates for that class. To validate this, users should be able to add a class with the add class button. If the class doesn't exist, the site should tell them that the class doesn't exist. When the class does exist, the site should tell the user that the class was successfully added and they should be able to see every due date on the calendar for that month, for the class.

Automated Test Cases: Because the user interface is so vital to the functionality and success of the code, it is necessary to test the code with the html and not just the JavaScript. Because of the this, automated testing with a tool is infeasible and instead, we will be manually testing the functionality.

Login Test: Below are various screenshots of the login page with various attempts.



localhost:4000/login

DayBook Login

Email

jd@gmail.com

Password

..

Login

Forgot Password

Register

Here a valid email and password have been entered into the forms the when the login button is clicked it redirects the browser to this page. Displaying the calendar code.



When the incorrect password is entered an error message flashes onto the login page as seen below.



DayBook Login

Email

jd@gmail.com

Password

...

Login

Forgot Password

Register

Additionally when data is entered that does not look like an email address the user is also

localhost:4000/login

DayBook Login

Email

!

Please include an '@' in the email address. 'jd' is missing an '@'.

...

Login

Forgot Password

Register

prompted like so.

Prev and Next Testing: When the user presses next on this page of December 2018

localhost:4000/calendar?currentMonth=11¤tYear=2018&usrid=1&isproff=false

[Prev](#)

December 2018

[Next](#)

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

localhost:4000/calendar?currentMonth=0¤tYear=2019

It properly loads the page for January 2019

← → ↻ ⓘ localhost:4000/calendar?currentMonth=0¤tYear=2019

[Prev](#)

January 2019

[Next](#)

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		

localhost:4000/calendar?currentMonth=1¤tYear=2019

And when the user presses the prev button it properly loads the November 2018 page.

← → ↻ ⓘ localhost:4000/calendar?currentMonth=10¤tYear=2018

[Prev](#)

November 2018

[Next](#)

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	

And the when going back to January 2018 and pressing previous it will properly render the December 2017 page.

← → ↻ localhost:4000/calendar?currentMonth=0¤tYear=2018

[Prev](#)

January 2018

[Next](#)

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			

← → ↻ localhost:4000/calendar?currentMonth=11¤tYear=2017

[Prev](#)

December 2017

[Next](#)

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

Profile Creation: Was unable to pass any tests due to some unknown critical error.