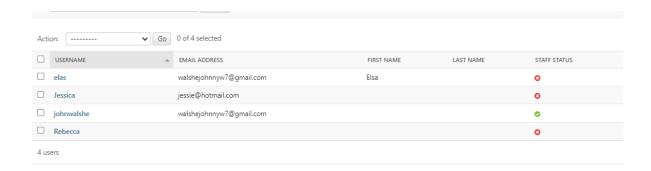
User Story #29 - Login & Registration

As an assessor I can verify the use of a role-based login and registration functionality so that a pass grade may be awarded.

Role-based login

The screenshot below shows how user 'johnwalshe' has staff status. While other users do not. By having staff status only 'johnwalshe' can enter the admin area.



Only 'staff' can create and edit events. See in the image below johnwalshe can create and edit events as he is a staff member.



As Rebecca is not 'staff' the option to create events is not present in the header.



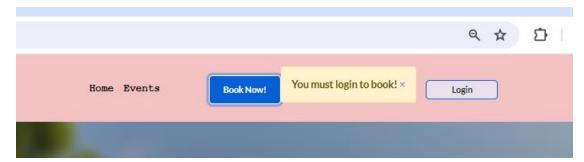
Additionally, Rebecca cannot edit an event as she is not designated staff status.



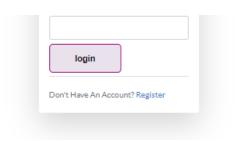
Registration Functionality

Test: Click 'Book Now' button as unregistered user.

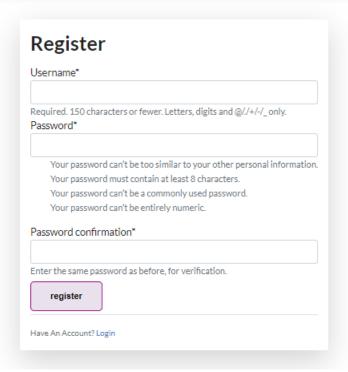
Outcome: A flash image presents telling the user they must login to book



The user is then automatically redirected to the login page, where a message saying 'don't have an account? Register is shown. The user knows he/she must register to login and can proceed.



Upon clicking 'Register' the user is brought to the registration page.



Test: Input Testperson1 with password &p34K_(8*

Outcome:

Bug: the password feedback info is not updating

A green flash message presents telling the user their registration has been successful

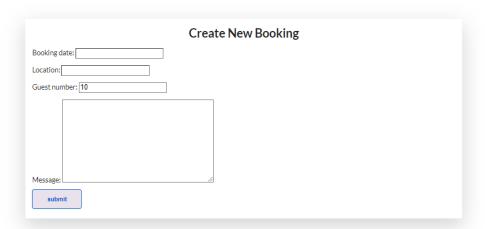


The new users name is presented in the top right of the footer

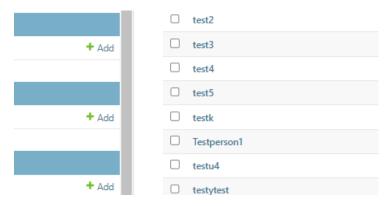


As a registered 'logged in' user the new user can now create a booking.

Home Events Your Bookings	Book Now! Testperson1 •



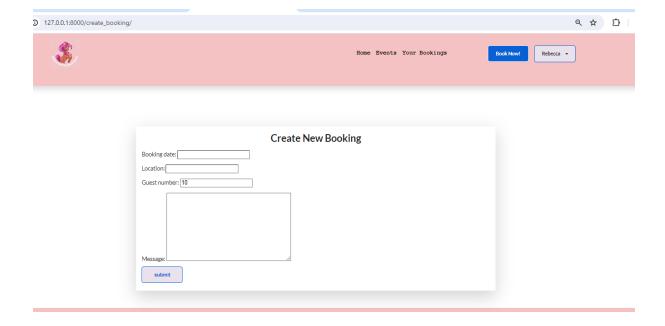
The new user can be found in the Django admin – which relates to the database



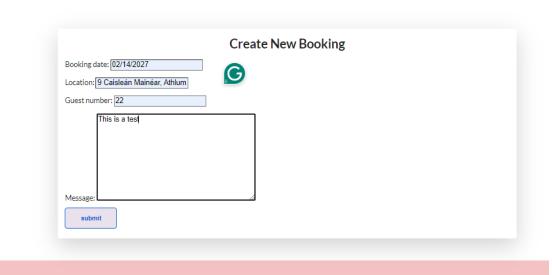
As a logged in user I wish to book an event by using the browser. This test also covers as a tester I can see evidence of CRUD

Test: Click 'Book Now!' button as a logged in user.

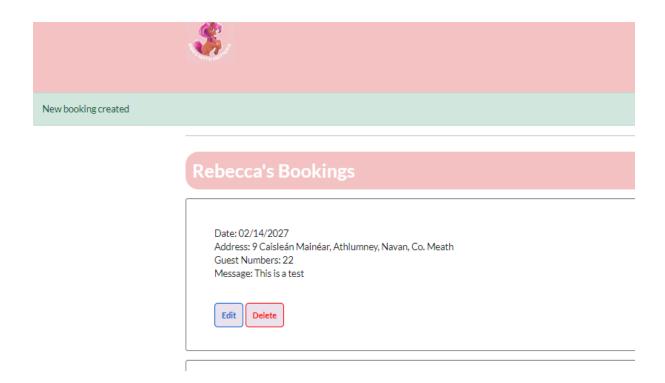
Outcome: User is taken to the 'Create New Booking Page'



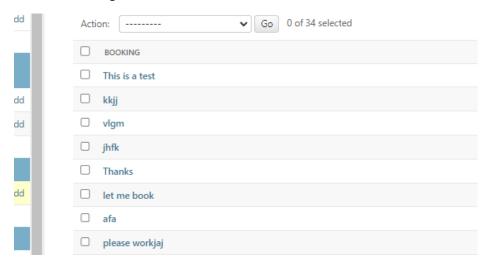
I input the following information and then pressed submit



A green success message appears saying 'New booking created'. The booking is also displayed in the 'booking page' on top of the list of other bookings.



The new booking is also in the database

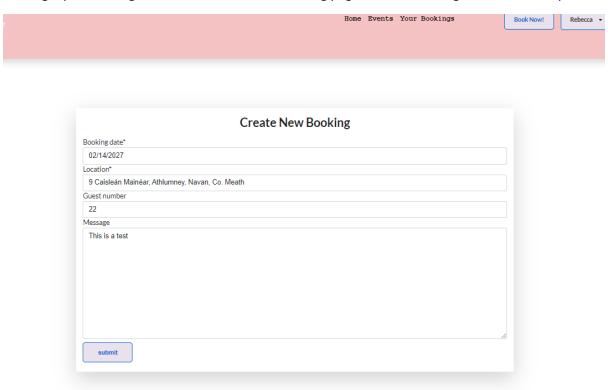


As a user I can update the information in my booking.

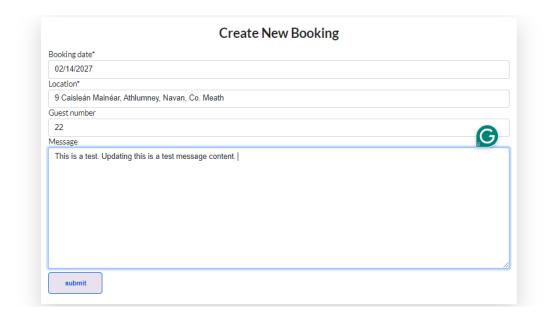
Outcome: Clicking on 'Your Bookings' brings the user to their bookings. An option to 'Edit' or 'Delete' is clearly visible.



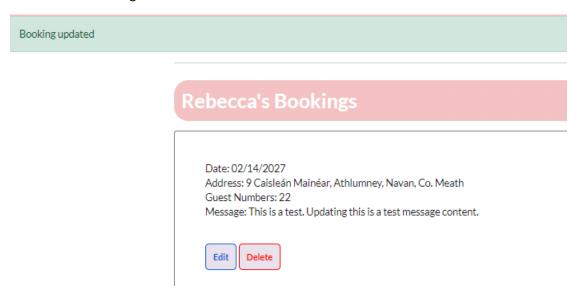
Clicking 'update' brings the user to the 'create booking page' with all the original information present



The following text was added to the message box.



Upon clicking submit a message appears stating 'booking updated'. The updated booking is also visible in the bookings list.



As a user I would like to be able to delete my booking.

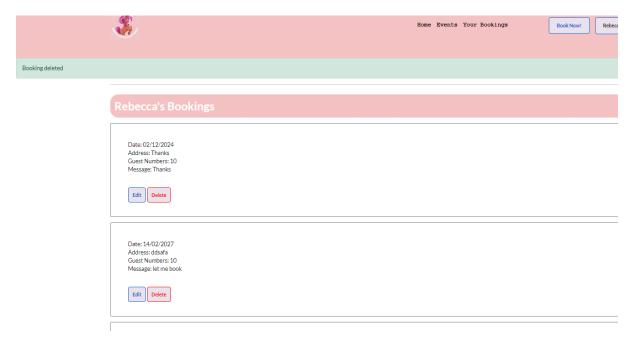
Test: Click the delete button.

Upon clicking the delete button the user is given an option as to proceed. The booking date is used for reference.

Home Even	Book Now! Rebecca •
Are you sure you want to delete booking for the 02/14/2027 Cancel Delete	,

Clicking the cancel button brings the user back to the bookings page and all bookings are still present.

However, clicking the delete button here presents the user with a 'Booking deleted' image and the booking is no longer present in the users 'bookings'. The booking instance has also been removed from the database.

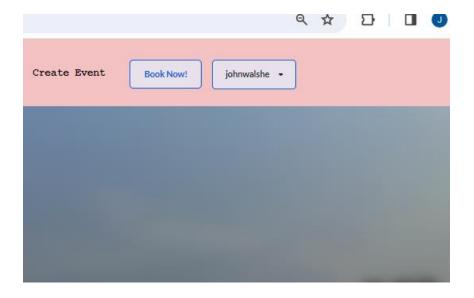


Testing 'Create Event'

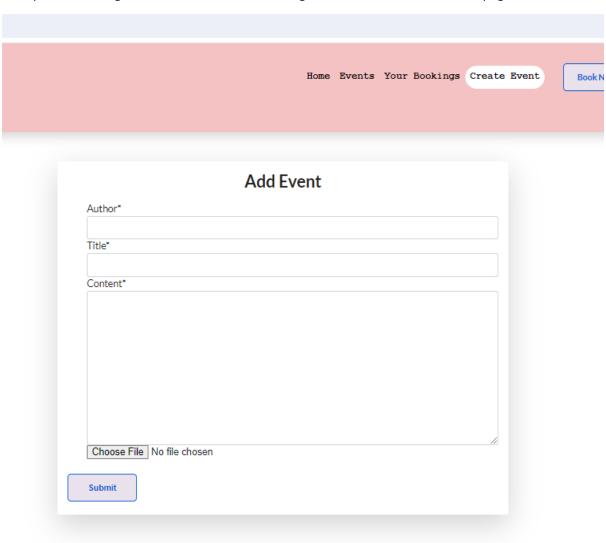
As an admin I want to be able to add events that users can view

Test: Login in as a user with Admin status and expect to see a 'create event' option in the header.

Outcome: The 'Create Event' button is present as expected



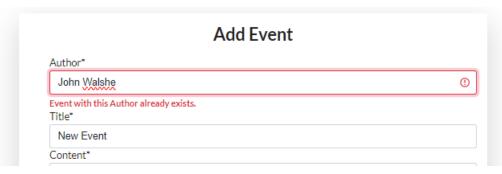
As expected clicking the 'create event button' brings the admin to a create event page



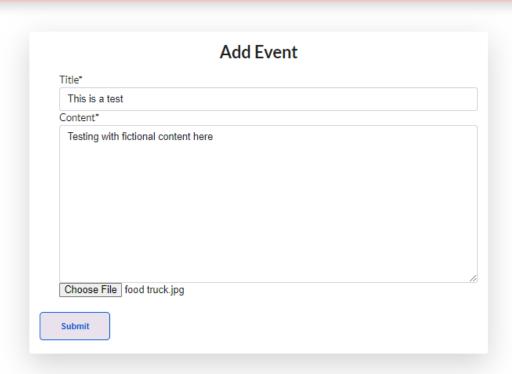
The following form was submitted. It was expected that the admin would see this event, with the image in the 'Events' section.

Outcome:

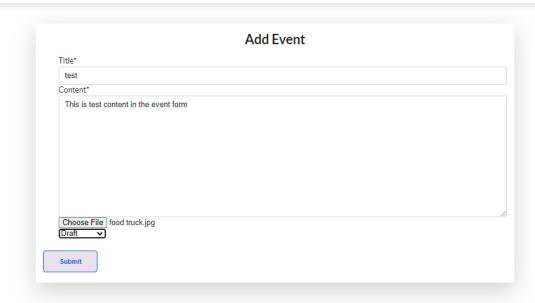
This is a bug, as the author should be able to make more than one event.



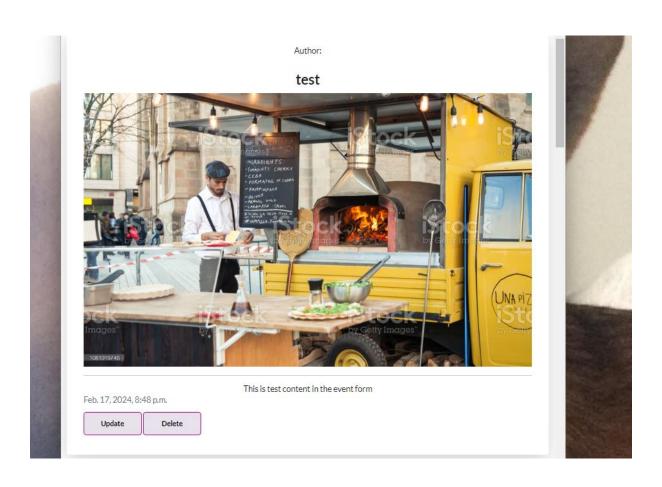
The author field was removed. This form was then submitted.



Outcome: Test failed. The event was not submitted. The page just returned to the same page. Upon further investigation the removal of the 'status' field from the event entry form caused the error. Returning this field corrected this issue.



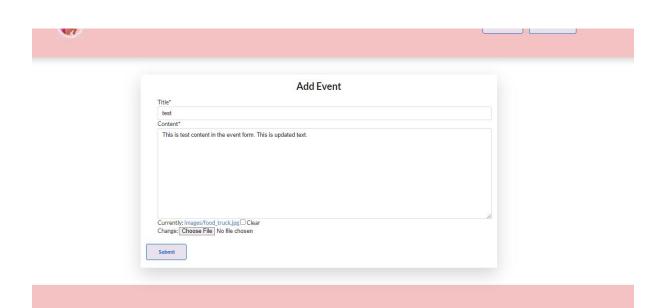
As expected the event image presents. However the image is too wide. Col-8 offset-2 from bootstrap fixed this



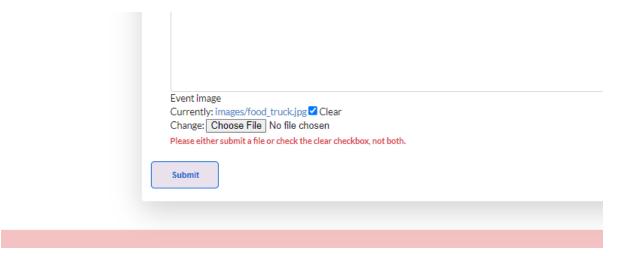
Test: Click the events update button. Expected outcome. Superuser redirected to event form.

As expected the superuser is brought to the Add Event form with the previous detail present.

	Add Event	
Title*		
test		
Content*		
This is test content in the event form		
Currently: images/food_truck.jpg \(\text{Clear} \) Change: \(\text{Choose File} \) No file chosen		
Submit		



Test. 'This is updated text' is entered into the content section. Outcome: As expected, the updated text is present and the user is redirected to the events page. BUG However the 'clear' button does not work for the current image and a new image cannot be uploaded. By inserting crispy forms a red warning appears



If the user deletes an image and submits this then the image is deleted. Once deleted the user can edit the image again and put in a new image.

Below is the image erased



New image attached



New image successfully uploads

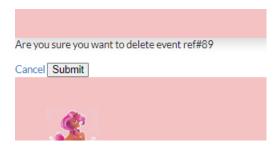


Feb. 17, 2024, 8:48 p.m.

This is test content in the event form. This is undated text.

Test: Delete event by clicking delete button.

Outcome: As expected user is brought to 'Are you sure?' section



Clicking 'cancel' brings the user back to the events section. Clicking 'delete' successfully deletes the image.

Page links testing:

Test: Clicking the logo in the header should return the user to the home page

	/	/	JOOKINGS	/	√ V	
Home	Events Pg	Create Ev	Your bookings	Login	Reg page	Create bk

Test: Clicking 'home' button in header should return user to home page

Home	Events	Create	Your	Login	Reg page	Create
	Pg	Ev	bookings			booking
✓	/	/	\	\	\	✓

Test: Clicking 'Events' button should bring user to events listing page

Home	Events Pg	Create Ev	Your bookings	Login	Reg page	Create booking
/	/	/	>	>	>	<

Test: Clicking 'Book now' in header brings logged in user to 'create new booking'

Home	Events	Create	Your	Create
	Pg	Ev	bookings	booking
/	\	✓	V	\

Test: Clicking 'Create Event' in header superuser to 'create event'

Pg	Ev	bookings	booking

Test: Clicking 'Go back' on the create booking page brings the user to 'your bookings'



Test: Clicking designed by 'John' in footer on all pages brings you to John Walshe github

Home	Events	Create	Your	Login	Reg page	Create
	Pg	Ev	bookings			booking
✓	✓	\	\	>	>	\

Test: Clicking 'Book Now' on the hero image jumbotron directs user to 'Create Booking'



Application has passed lighthouse Accessibility Testing

Turned on laptop a day after updating images and lighthouse scores for index page all in green on first attempt. Changing the hero image from png to pweb seems to have improved the rendering time of the image.



HTML Automated Testing

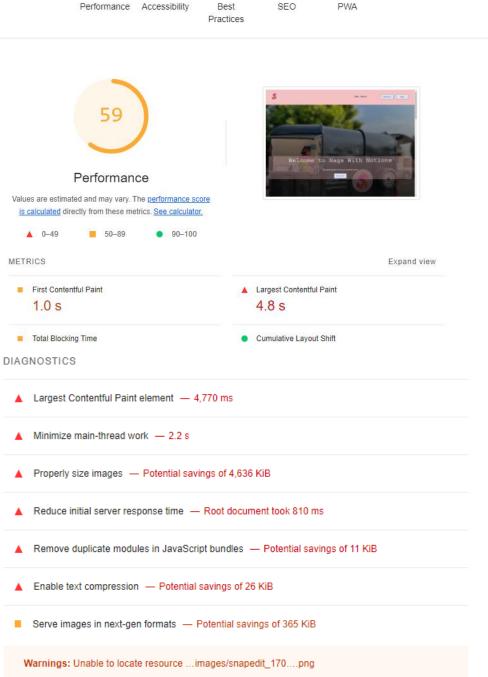
Using the W3C Html validator on the index page 22 errors, 2 info and 2 warnings were found for index.html.

```
1. Error Stray doctype
        From line 1, column 16; to line 9, column 15
        TYPE html>
    2. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.
        From line 14, column 5; to line 14, column 74
       itle>↔ <meta name="viewport" content="width=device-width, initial-scale=1" />↔ <
    3. Info Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.
        From line 32, column 5; to line 32, column 242
       css">-- clink rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/semantic-ui/2.4.1/semantic.min.c...
       qUQThUDhqcNFyYi2xgDgPDHc+GXVGHXq+xPjynxIopALmOPqzo9JZj0k6OqqewdGO3EsrQ==" crossorigin="anonymous" />=</hea
    4. Error When the srcset attribute has any image candidate string with a width descriptor, the sizes attribute must also be specified.
        From line 46, column 17; to line 48, column 49
                   <img class="navbar_logo_img" src="/static/admin/img/nags-with-notions-logo.webp"</p>
                                                                                                                       srcset="/static/admin/img/nags-with-notions-logo100x95px.webp 200w"↔
        alt="nags with notions logo">↩
    5. Error Attribute href not allowed on element a at this point.
        From line 71, column 13; to line 71, column 129
                   <a href="/view/" role="presentation" type="button" aria-label="brings user to boooking page" class="btn btn-primary">Book N
        Attributes for element a:
          Global attributes
          href - Address of the hyperlink
          target - Navigable for hyperlink navigation
          \underline{\text{download}} = \text{Whether to download the resource instead of navigating to it, and its fliename if so}
          ping - URLs to ping
          rel — Relationship between the location in the document containing the <u>hyperlink</u> and the destination resource
6. Error Attribute type not allowed on element a at this point.
   From line 71, column 13; to line 71, column 129
              ka href="/view/" role="presentation" type="button" aria-label="brings user to boooking page" class="btn btn-primary">Book N
   Attributes for element a:
      Global attributes
      href - Address of the hyperlink
      target - Navigable for hyperlink navigation
      download — Whether to download the resource instead of navigating to it, and its filename if so
      ping — URLs to ping
      rel - Relationship between the location in the document containing the hyperlink and the destination resource
      hreflang - Language of the linked resource
      type — Hint for the type of the referenced resource
      referrerpolicy - Referrer policy for fetches initiated by the element
7. Error Element 11 not allowed as child of element div in this context. (Suppressing further errors from this subtree.)
   From line 79, column 13; to line 79, column 46
              class="p-1 m-3 list-unstyled">↩
   Contexts in which element 1i may be used:
      Inside ol elements
      Inside ul elements.
      Inside menu elements
   Content model for element div
      If the element is a child of a d1 element: one or more dt elements followed by one or more dd elements, optionally intermixed with script-supporting elements
      If the element is not a child of a dl element: flow content.
8. Error Attribute href not allowed on element a at this point.
   From line 107, column 21; to line 107, column 129
              ka id="bknowlink" href="/view/" type="button" role="presentation" aria-label="brings user to boooking page" >Book N
  10. Error Duplicate ID myAlert .
      From line 108, column 21; to line 108, column 75
                 <div id="myAlert" class="alert alert-warning collapse">↔
  11. Warning The first occurrence of ID myAlert was here.
      From line 72, column 13; to line 72, column 67
                 <div id="myAlert" class="alert alert-warning collapse">
  12. Error Duplicate ID linkClose.
      From line 110, column 25; to line 110, column 66
                 <a id="linkClose" href="#" class="close" >&times
  13. Warning The first occurrence of ID linkClose was here.
      From line 74, column 17; to line 74, column 58
                 <a id="linkClose" href="#" class="close" >&times
  14. Error Bad value 250px for attribute width on element img: Expected a digit but saw p instead.
      From line 126, column 13; to line 127, column 61
                 Kimg class="" src="/static/images/pizza250x300px.webp" width="250px" alt="image of pizza in country setting"— srcset="/static/images/pizza150x200px.webp
  15. Error When the srcset attribute has any image candidate string with a width descriptor, the sizes attribute must also be specified.
      From line 126, column 13; to line 127, column 61
      <img class="" src="/static/images/pizza250x300px.webp" width="250px" alt="image of pizza in country setting"
200w"5→</pre>
                                                                                                                                              srcset="/static/images/pizza150x200px.webp
  16. Error When the snoset attribute has any image candidate string with a width descriptor, the sizes attribute must also be specified.
      From line 178, column 33; to line 180, column 69
                 srcset="/static/images/menu-images/blue-cheese-
```

16.	Error When the srcset attribute has any image candidate string with a width	descriptor, the sizes attribute must also be specified.
	From line 178, column 33; to line 180, column 69	
	<pre><img alt="image-of-blue-</th><th>cheese-pizza" class="img-fluid" src="/static/images/menu-images/blue-cheese-t</pre></th><th>iny420x560.png" srcset="/static/images/menu-images/blue-cheese-</th></tr><tr><th></th><th>tiny200-335.webp 200w" ↔=""/>단</pre>	
17.	Error When the srcset attribute has any image candidate string with a width	descriptor the sizes attribute must also be specified
17.	From line 205, column 33; to line 208, column 70	r descriptor, are 151225, attribute must also be specified.
	<pre><img class="img-fluid" id="menu-item2" pre="" ↔<=""/></pre>	src="/static/images/menu-images/pony-soprano-tiny420x560.webp"↔
	srcset="/static/images/menu-images/pony-soprano-tiny200x335.webp 200w"↔	alt="image-of-pony-soprano-pizza">↔

18.	Error When the specset attribute has any image candidate string with a width	descriptor, the sizes attribute must also be specified.
	From line 231, column 33; to line 234, column 74	
	<pre><img <="" class="img-fluid" id="menu-item3" pre=""/></pre>	src="/static/images/menu-images/butternut-squash-tiny420x560.webp"
	srcset="/static/images/menu-images/butternut-squash-tiny200x267.webp 200w"⊖	alt="image-of-butternut-squash-pizza">↔
19.	Error When the srcset attribute has any image candidate string with a width	descriptor, the sizes attribute must also be specified.
	From line 259, column 33; to line 262, column 69	
	<img <="" class="img-fluid" id="menu-item4" th=""/> <th>src="/static/images/menu-images/margherita-for-mares-tiny420x560.png"↩</th>	src="/static/images/menu-images/margherita-for-mares-tiny420x560.png"↩
	srcset="/static/images/menu-images/pony-soprano-tiny200x335.png 200w"	alt="image-of-blue-cheese-pizza">↩
20.	Error When the srcset attribute has any image candidate string with a width	descriptor the since attribute must also be specified
20.	From line 348, column 33; to line 350, column 68	attribute must also be specified.
	<pre><imm .="" a.webp"="" alt="image-of-can-of-lemonade" class="img-fluid" id="aioli" img-fluid="" src="/static/images/menu-images/limonat</pre></th><th>a.webp" srcset="/static/images/menu-images/limonata200x200.webp</th></tr><tr><th></th><th>200w" w-100"="" ↔=""> </imm></pre>	
	FIUTI IIIIE 454, CUIUTIII 55, IU IIIIE 455, CUIUTIII 00	
	<pre><img alt="image-of-can of aranciata" class="img-fluid w-100" src="/static/images/menu-images/aranci</pre></th><th>ata-rossa (2).jpg" ↩=""/>↩</pre>	
24	Error When the specset attribute has any image candidate string with a widt	h descriptor, the sizes attribute must also be specified
-	From line 467, column 29; to line 469, column 64	
	<pre></pre>	

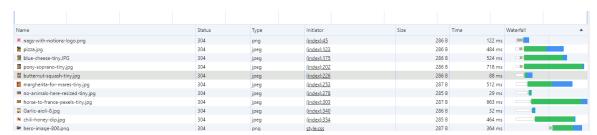
Document checking completes



Preload Largest Contentful Paint image

80

Using chrome dev tools and clicking network and then images shows some images are causing long delays. For example the pony soprano image is causing a delay of 718ms. To address this I will use srcset in my html, so different image sizes will render depending on the device size/pixalation requirements.



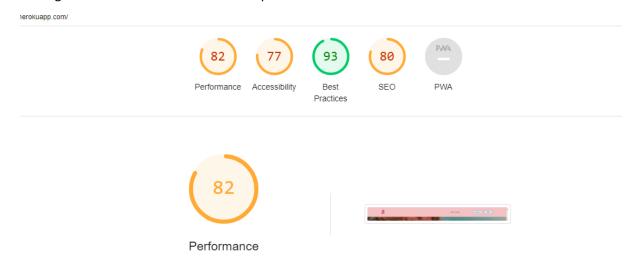
About Us image should initially be 250x300px

Pizza images should have initial size of 420x560px

Hero image should be initially 1800x1000

Upon further investigation it appears the delay for my hero image is largely due to 'server response time' which is related to my hosting. This may be due to using localhost.

Testing on Heroku shows a much better performance



Accessability Testing

Index page:

Accessibility score 77

I had to put aria labels on some links & improve the contrast between some text and its background. Also had to remove double selectors e.g. having an ID selector and class selector where just a class selector would suffice.

Despite having valid aria roles for both 'book now' buttons they continue to come up as not having valid roles



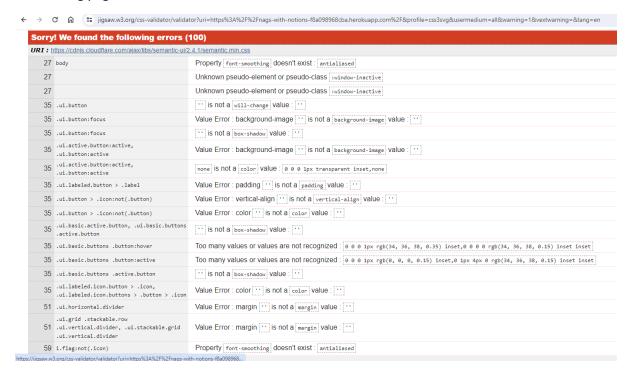
All recommendations have now been addressed.

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change Showing results for https://nags-with-notions-f8a098968cba.herokuapp.com/ Checker Input Show __source __outline __image report Options... Check by address __ https://nags-with-notions-f8a098968cba.herokuapp.com/ Check Document checking completed. No errors or warnings to show. Used the HTML parser. Externally specified character encoding was utf-8. Total execution time 443 milliseconds.

About this checker • Report an issue • Version: 24.2.14

CSS Validation

The landing page url was entered into W3C validator. 100 errors were found



However all these 'errors' came from a CDN and not my custom css. Removing this cdn doesn't appear to lead to any issues with the sites functionality. This removed all errors.



Python testing

Using pytest I tested that the url names resolved to return the correct classes. The create booking url name 'create_booking' successfully resolved the BookingCreate class.

```
from booking.views import CustomLoginView, RegisterPage, BookingList, BookingCreate, BookingUpdate, BookingDelete

class TestUrls(SimpleTestCase):

def test create booking url is resolved(self):

url = reverse('create_booking')

self.assertEqual(resolve(url).func.view_class, BookingCreate)
```

```
(venv) PS C:\Users\three\sites\nags-with-notions2.0> python manage.py test nags_with_notions
Found 1 test(s).
System check identified no issues (0 silenced).
...
Ran 1 test in 0.017s
OK
```

Test for update booking url which includes a pk as an integer was okay.

```
def test booking update url is resolved(self):
    url = reverse('update_booking', args=[1988])
    self.assertEqual(resolve(url).func.view_class, BookingUpdate)

SOURCE CONTROL (2) PROBLEMS (44) OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

System check identified no issues (0 silenced).
    url /update_booking/1988
...
Ran 2 tests in 0.012s

OK

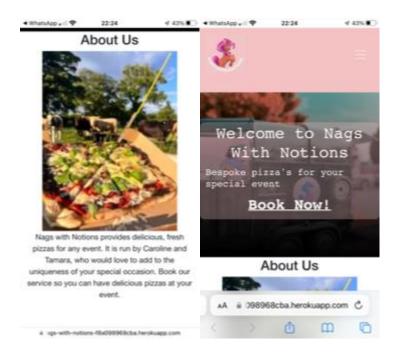
(venv) PS C:\Users\three\sites\nags-with-notions2.0> python manage.py test nags_with_notions Found 2 test(s).
System check identified no issues (0 silenced).
...
Ran 2 tests in 0.018s

OK
```

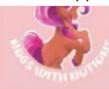
Screensize Tests

Iphone 7

Events images are not displaying







Author:

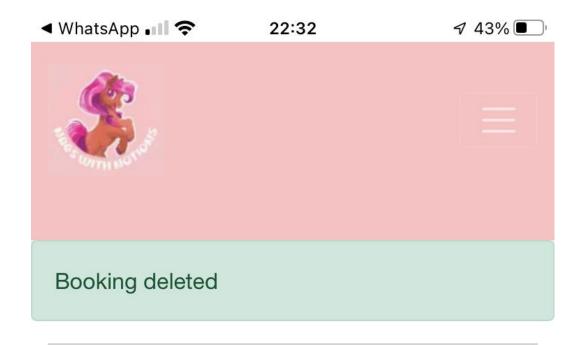
Samhain Festival of Food & Culture

Welcome back to Kells and the Boyne Valle for our 5th Samhain Festival of Food and Culture.

Jan. 29, 2024, noon

Update

Delete



johnwalshe's Bookings

Date: jj

Address: 9 Caisleán Mainéar,

Athlumney, Navan, Co. Meath

Guest Numbers: 10

Message: jhfk

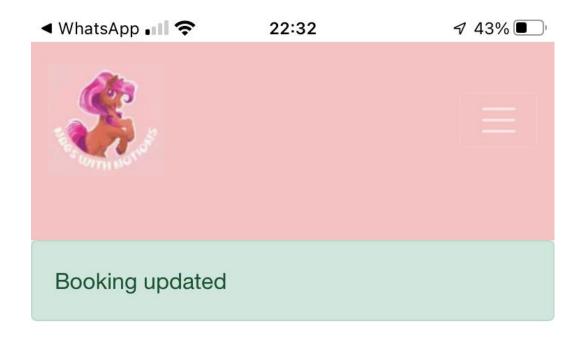
Edit Delete











johnwalshe's Bookings

Date: 02/14/2027

Address: 9 Caisleán Mainéar,

Athlumney, Navan, Co. Meath

Guest Numbers: 11

Message: vlgm

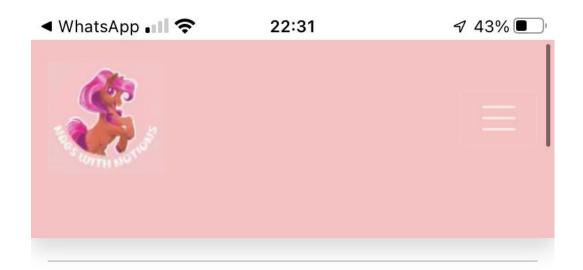












johnwalshe's Bookings

Date: 02/14/2027

Address: 9 Caisleán Mainéar,

Athlumney, Navan, Co. Meath

Guest Numbers: 10

Message: vlgm

Edit Delete

AA ● 098968cba.herokuapp.com ♂



Sourdough Pizzas from Meaths finest food producers

CONTACT

0863371314

caroline@nagswithnotions.ie

0867506453

tamara@nagswithnotions.ie

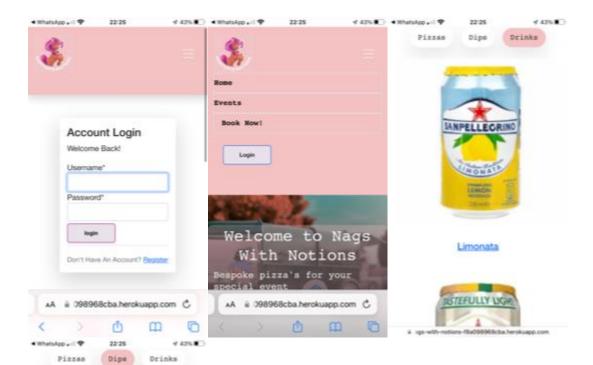
- **f** Facebook
- Instagram
- Github
- in Linkedin

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ags-with-notions-f8a098968cba.herokuapp.com

Booking date	te New Bo	
Doorning date	,	
Location*		
Guest numb	er	
Message		

ags-with-notions-f8a098968cba.herokuapp.com





is aga-with-notions-flu098968cbs/terokuapp.com





Sourdough Pizzas from Meaths finest food producers

CONTACT

0863371314

caroline@nagswithnotions.ie

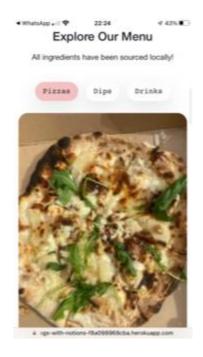
0867506453

tamara@nagswithnotions.ie

- **f** Facebook
- Instagram
- Github
- in Linkedin

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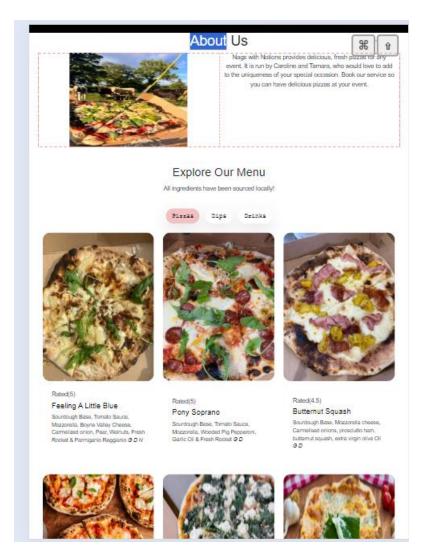
ags-with-notions-f8a098968cba.herokuapp.com



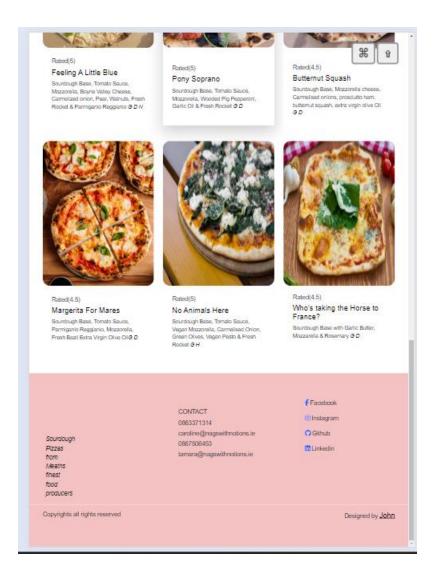
Ipad Pro Using Chrome Extensions
Home Page



About us into menu

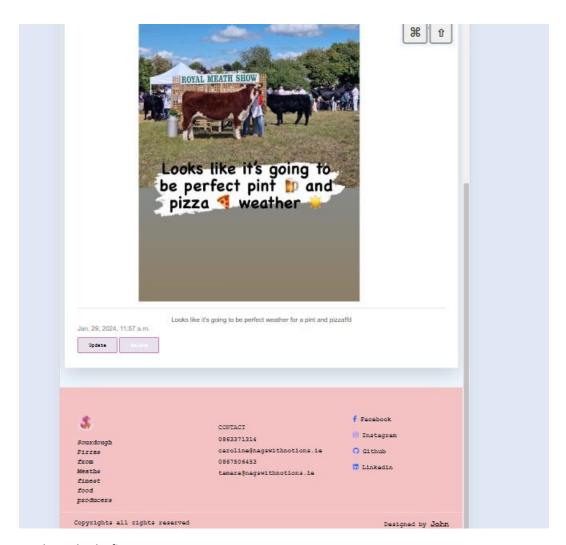


Menu into footer: footer logo not displaying and font not consistent.

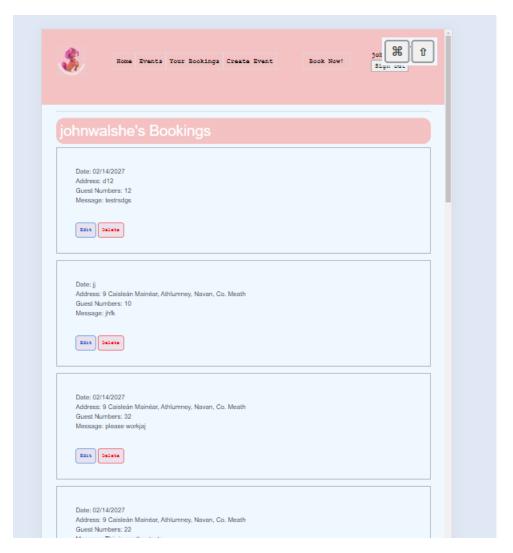


At this point in testing I realised that the 'pizza' tab wasn't working. This required re-setting the Data-target. I also added some background color to the menu section. The events section seems to have an unnecessary margin above and below the event.

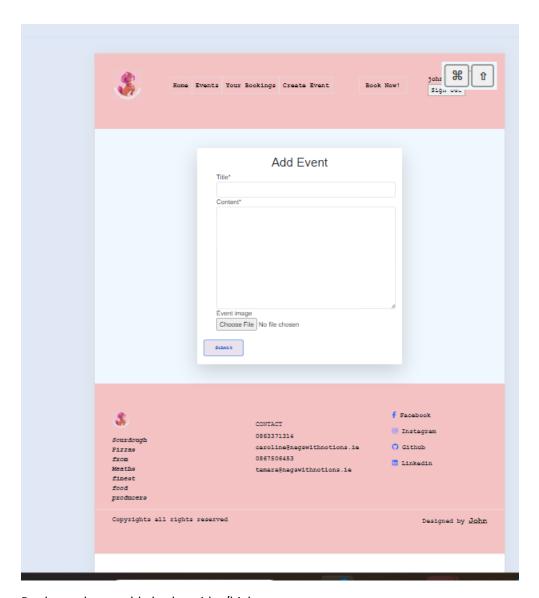




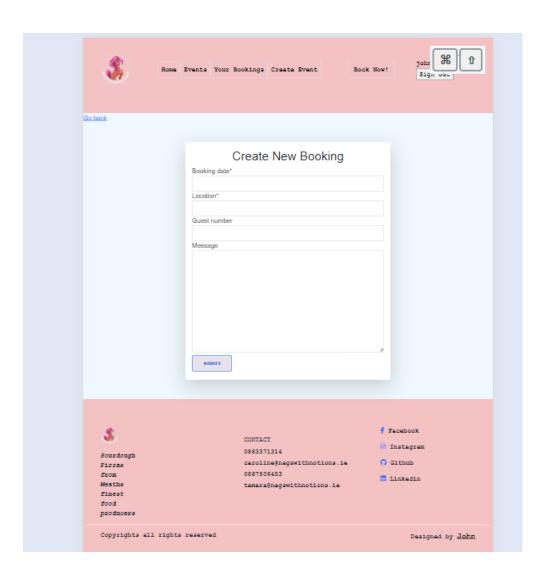
Bookings looks fine:



Create event box could probably be wider



Book now box could also be wider/higher

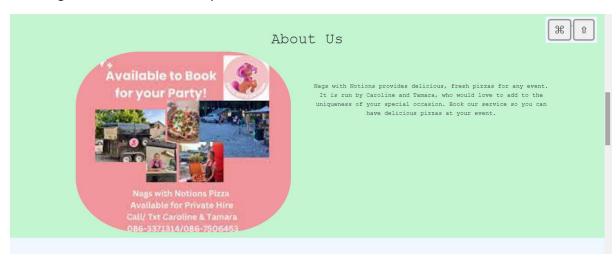


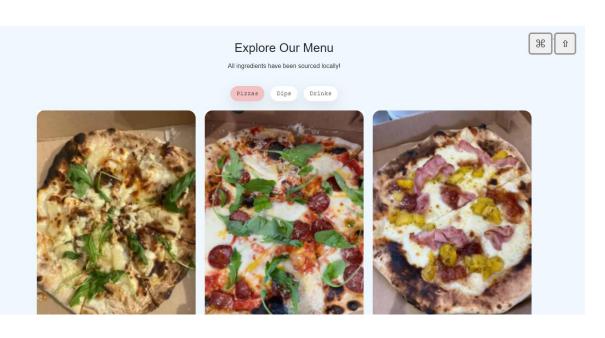
Testing on HP Compaq LA2006x (Monitor screen)

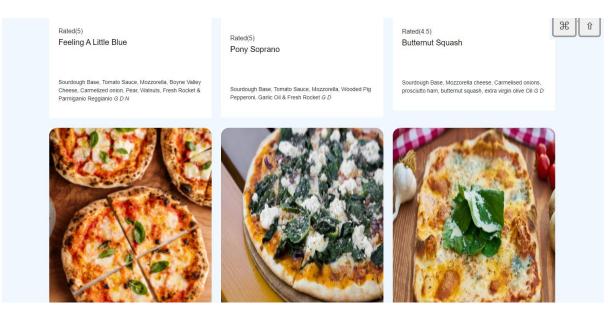
Hero image could fit the landing screen – possibly need to use viewport width.

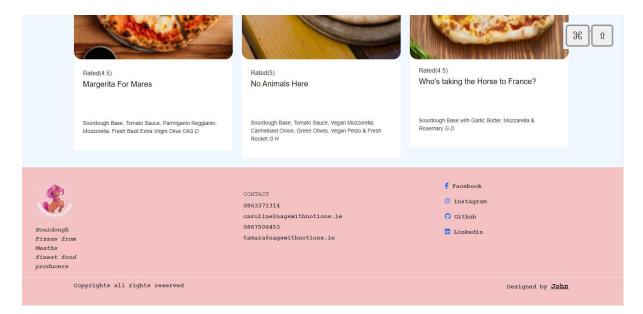


The image in the about us is blurry

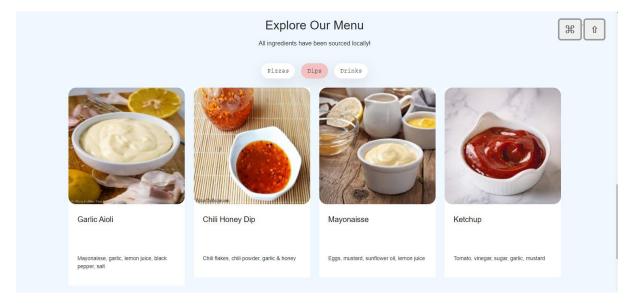




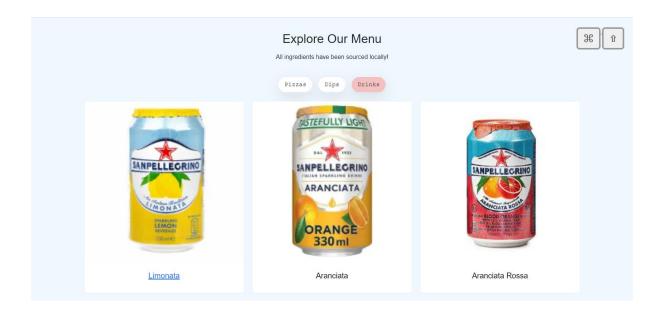




Gap between dips title and description slightly too wide

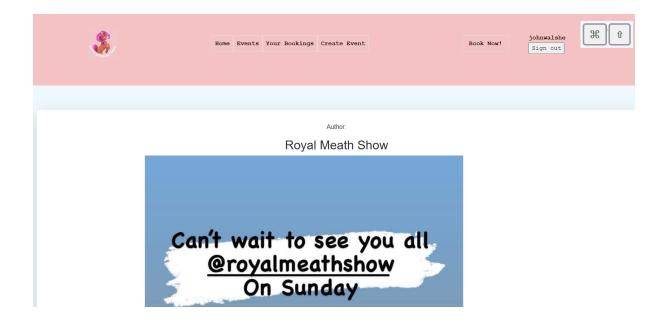


Limonata text different color



No need for author title over events image.

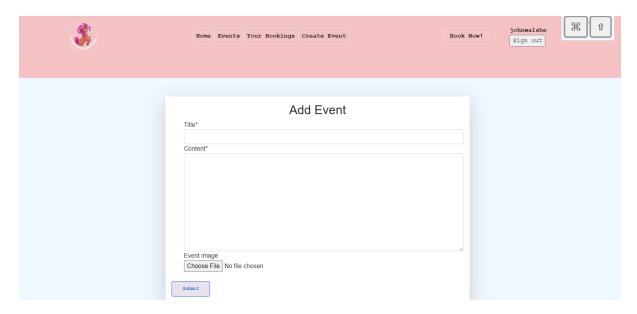
Image appears slightly to left.



Bookings dates in American format



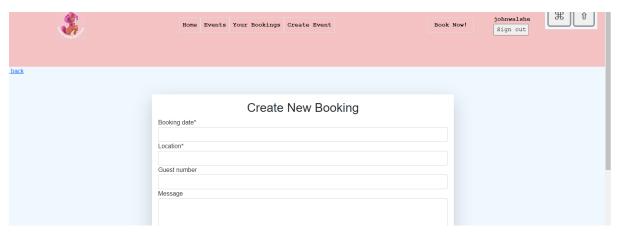
Create event box too narrow



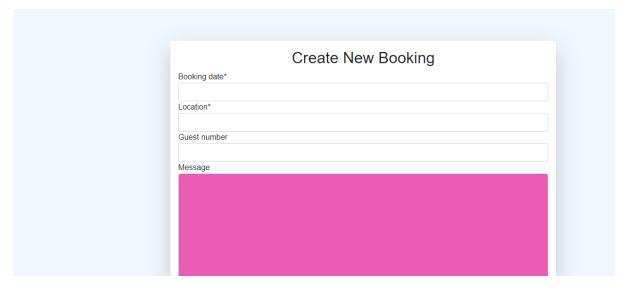
Need to remove outer box border on hover of headers



Create booking box too narrow



Message background too strong



Include text in social media link capture



Remove overlay on images



Required actions from screensize testing

Required Action	Status
Events images are not displaying	Complete
Menu into footer: footer logo not displaying and font not consistent	Complete
'pizza' tab isn't working	Complete
Create event box could probably be wider	Complete
Book now box could also be wider/higher	Complete
Hero image could fit the landing screen – possibly need to use viewport width.	
The about us image is blurry	Complete
Gap underneath about us image could be bigger	Complete
Gap between dips title and description slightly too wide	Complete
Limonata text different color	Complete
No need for author title over events image.	Complete
Event image appears slightly to left	Complete
Bookings dates in American format	Complete
Need to remove outer box border on hover of headers	Complete
Message background too strong	Complete
Include text in social media link capture	Complete
Remove overlay on menu images	Complete