Stax Milestone #4

Because our project is going to be mostly visual and user oriented, there's not very much we can do in the way of automated testing. However, there are still some ways that we can use a bit of automation to test features. One of the main features that we're going to want to do is to sort deals by distance or by price. We can test these features by creating many dummy deals that are already sorted by whatever criteria we want to test. We can then randomize these and feed them into the database, then run the website with the sorting criteria and match the output with our original list of deals.

Another feature we want to implement is using the Google API to search for and select the location where the deal was found. Then when the user clicks on the deal, we bring up a map with a marker showing the store. Again, we can test this by using our interface many times in creating more dummy deals, then confirming that when the deals are shown to the user, the map pops up with the correct locations displayed. We can then also visually confirm that deals can be correctly sorted by distance.

Finally, a feature that we want to implement is the ability to favorite a deal. There will then be a page that displays all of your favorites. If there are already a lot of deals, then we can go ahead and favorite a bunch of them and confirm that they all correctly show up on the user's favorites page and that we can then sort these as well. So while this testing isn't fully automated, it will still confirm that our website is working as intended and should be fully sufficient as there aren't really any edge cases to take into account because we confirm data integrity when we add a deal to the database or create a new user.