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System Test Case:

Purpose: Verify the User story for FrontEnd Purposes	
User Story: End User Wants to: Find areas with restaurants Get directions to attractions	

Step	Test Step/Input	Expected Results	Actual Results
1	Enter keyword to search bar	Able to enter text	
2.	Press the search button	Multiple results returned and all instances of keyword appear	
3.	Click on a attraction on Navigation Bar	Information about that Boulder attraction will pop up including its history, images, and more details.	
4.	Look at slideshow / click on next arrow	After a set time frame the images on slide show will automatically rotate/ click on next arrow and next image in set will appear	

5.	Click on “get directions” to find how to get to each attraction	Will pull up a google maps navigator where you can enter your information	
6.	Press Enter	Google Maps will show you the fastest way to get to that location from your entered location. Directions in text are also displayed	

Alternative Paths:

Step	Test Step/Input	Alternative Path	Actual Results
1	Enter keyword to search bar		
2.	Press the search button	Keyword does not exist on webpage/ error message will show up saying search doesn't exist	
3.	Click on a attraction on Navigation Bar	The page is broken so an error page will appear instead of the attraction page	
4.	Look at slideshow / click on next arrow	Will be set to one still picture in the slide show with no alternative pictures.	

5.	Click on “get directions” to find how to get to each attraction		
6.	Press Enter	The google maps page is broken so the link will be broken, will direct user to an error message that will inform them the link is broken.	

Automated Tests:

For The Front End portion, our main tools for automated tests will be User Inputs, such as keyboard actions and mouse clicks. This actions will show whether the correct output or expected output is produced. For example, if a tab on the navigation bar is clicked and the user isn't redirected to the desired page, the test case fails.