<u>User Story 3 - planning locations to stay</u>

As a user trying to receive a plotted path on their road trip along with locations to stay at night, I can select an option that states I am interested in the application planning locations for me to stay the night along the route of my road trip. This will prompt a dropdown menu that asks for my preferences in terms of hotels vs motels vs airbnbs, cost per night at each location, when I want to stop and start driving again, and how many stops I want to make in a day if I am not only stopping to rest at night. Once I enter this information, I will be given a processing screen while the presented conditions are applied to the road trip map. I will then be given a charted path that gives ideal housing locations according to the conditions I placed on my preferences. If there are issues such as there are no housing locations along the path given, the program will either return an error message or recommend a potential second or third option that may have a rerouted map that may take longer or cost more but have housing, or may have the same path but have adjusted hourly breakdown preferences to allow for the user to stay the same path but drive for a little less or more.