```
            ( Start )                                    ( A )
                |                                          |
     /Display "Enter desired/              [Organize hotel list based]
     /     location"      /                [    on menu option     ]
                |                                          |
     /  Input Location   /                  [   Display output   ]
                |                                          |
     [Use Geocode API to get]              /Display "Would you like to/
     [ latitude and longitude]             /save this information to a file"/
                |                                          |
     [Pass latitude and longitude]              < Input Yes or No >  --Yes-->  /Display "Please enter the/
     [ to hotel find function and]                    |                        /    name for your file"  /
     [ create hotel objects to get]                   |                                 |
     [  all necessary data from ]                     No                       / Input File Name /
     [  Places API and Distance ]                     |                                 |
     [       Matrix API        ]                      |                        [Write information to file]
                |                                      |                                 |
     [Use latitude and longitude]          /Display "Would you like to/  <------
     [ of hotels objects to get ]          /enter another location?" /
     [   nearby restaurants    ]                      |
                |                                      |
     /Display Menu "Choose a way/              < Input Yes or No >  --Yes-->  ( Start )
     /to sort the found hotels."/                     |
                |                                      No
     / Input menu option /                            |
                |                                  ( End )
            ( A )
```