MyMap: associate():

If the binary search tree in MyMap has N items on average, then associate() is O(logN) in the worst case scenario.

MyMap: find():

If the binary search tree in MyMap has N items on average, then find() is O(logN) in the worst case scenario.

AttractionMapper: init():

If the MapLoader has N street segments on an average, and if each segment has S attractions, the init() is O(N+S).

AttractionMapper: getGeoCoord():

If the MapofAttractions holds N attractions, getGeoCoord() is O(logN).

SegmentMapper: init():

If there are N total street segments in the input mapping data, and A total attractions dispersed throughout the streets, then init() method is O((N+A)\*log(N)\*log(A)) .

SegmentMapper: getSegments():

If the MapofGeoCoords holds N geo-coordinates, then getSegments() is O(logN).

Navigator: navigate():

If N is the average for successors while using A\* algorithm, and S is the average number of Street Segments in the route, then Navigate() O(NS).