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Project 4 Report

**MyMap**

* associate()
  + if MyMap holds N associations, then associate() is O(logN)
* find()
  + if MyMap holds N associations, then find() is O(logN)

**AttractionMapper**

* init()
  + if there are S total GeoSegments and A total Attractions, then init() is O(S + AlogA)
* getGeoCoord()
  + if there are A total Attractions, then getGeoCoord() is O(logA)

**SegmentMapper**

* init()
  + if there are S total GeoSegments and A total tattractions, then init() is O((S+A)log(S+A))
* getSegments()
  + if there are S total GeoSegments and A total attractions, then getSegments() is O(log(S+A))

**Navigate**

* navigate()
  + if there are S total GeoSegments and A total attractions, then navigate() is O((S+A)log(S+A))