## Graph< LocationInfo > # distMatrix DataManager # pathMatrix dataLoaded # vertexSet distanceData + ~Graph() + addBidirectionalEdge() - locationData + getDistanceData() + addEdge() + addVertex() + getLocationData() + isDataLoaded() + findVertex() + loadData() + getNumVertex() + getInstance() + getVertexSet() - DataManager() + removeEdge() + removeVertex() # findVertexIdx() -dataManager -transportGraph Menu graphBuilt + Menu() + datasetMenu() + environmentallyFriendlyRoute() + independentRoute() + mainMenu()

+ restrictedRoute()

checkDataLoaded()

optionPicker()readInput()

displayEcoRouteResults()

- displayMultipleEcoRouteResults()

+ credits()- buildGraph()