Design Document – Algorithms and Data Structures II Final Project

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**Part 1 – Shortest Path Algorithm:**

First I started by loading all the files (stops.txt, stopTimes.txt & transfers.txt) into ArrayLists so that I could easily access them throughout the rest of the project. I created a class for each different text file that was available so that I could create them into objects with the variables attributed to them being all the different columns included in the files. I did this because I find it easier to search for objects and then use the “object.variable” way of calling the attributes of all the files.