

## CampusPaths: View, Controller, and Model

CampusPaths main method store all details about the model, including the graph, the table of ids to buildings, and the location of the buildings on the map. The CampusPaths controller method allows users to interact with the graph or building id table to find relevant information. Since this class handles all inputs and output to the other classes and files, this would make CampusPaths a viewer as well.

## Graph: Model

My graph class serves as the campus, where a node in the graph is either a building or an intersection defined by an ID. The Dijkstra algorithm I constructed finds the optimal path between any two buildings on campus using routes defined in a file.

## CampusParsers: Model

This class interprets the data into two hash maps and the graph above, it creates the data used for the advanced features of the model.