

GUI Implemented Features:

1. At startup, map data is from "data/RPI_map_data_Edges.csv" and "data/RPI_map_data_Nodes.csv" and stored in the model. Node data is then used to create interactable buildings in the view.
2. Displays map of RPI campus (Loaded from "data/RPI_campus_map_2010_extra_nodes_edges.png")
3. Allows the user to select two buildings for finding a route, by clicking on the desired endpoints. Selected buildings (a.k.a. path endpoints) on the map are filled in with RED.
 - If a new building is selected after two endpoints are already selected, the old endpoints are de-selected and the path is (will be) erased.
4. Finds and display the shortest path between two selected buildings with a blue line. Zoom and position is automatically adjusted to enhance path view.
5. As the window is resized, map shrinks/grows to fit the window.
6. Page can be scrolled (any direction) to change the map view by dragging with the mouse cursor.
7. Zoom toggling via the zoom buttons in the Control Panel above, as well as via the mouse scroll wheel.
8. Reset the entire GUI by clicking "Restart" button in the control panel above.