

#### Hw 8 Implemented Features:

- Generated a CampusPaths object that stores all the building and path data of based of the RPI campus Map
- Displays the Map of the GUI on a scroll pane and allow dragging
  - Scroll up and down and sideways and drag to move around
- Fully functional with all different screen resolutions. Usable with resolutions 1024x768 and above and even below.
- Implemented a few buttons with functionality:
  - Zoom in: zoom in on the map
  - Zoom out: zooms out on the map
  - Reset: resets it back to its original dimensions
  - Find path: finds the path between 2 buildings user clicks if they exist
- Implemented a text area to keep track of buildings clicked
  - Keeps track of buildings user clicks on and displays the building name
  - Reset also resets whatever buildings that have been clicked on
- Partially working Path finder between 2 buildings
  - Once user selects 2 buildings they can click the path finding button to find path
  - Displays the text directions from building to building