Habib University Map

Group Members:

- Syed Muhammad Hamza
- Talha Yasin

Description:

We will make Habib University map using data structures and then we will apply algorithm to find the shortest path between two points within the university. The purpose of our project is to return the shortest path, other possible paths and also the distance of the shortest path (unit of distance: footsteps). The virtual view and the GUI of the shortest path may be part of our project.

Techniques:

- Data Structures:
  - Graphs:
    - Dictionaries
    - Lists
    - Tuples
- Algorithms:
  - Dijkstra's Algorithm
  - Shortest Path Algorithm

Libraries:

- Math Library
- Turtle Library