

## User Stories

1. As a user, I want to view a map of my current location (HIGH)
  - a. I want to see an exterior map of the school around my current location (HIGH)
  - b. I want to overlay my current location onto the map (HIGH)
2. As a user, I want to select a building from the exterior map, and be shown its interior map (HIGH)
  - a. I want to see an interior map of the building I selected (HIGH) <br>
  - b. I want to view different floors of a building I selected (HIGH) <br>
  - c. I want to see room labels on the rooms (HIGH)
  - d. I want to see interior emergency exit locations (LOW)
  - e. I want to see interior spaces in a different color depending on function (MEDIUM)
3. As a user, I want to select a start point on the interior map for finding a path (HIGH)
  - a. I want to select a Room in case I am starting from inside
  - b. I want to select a door in case I am starting from outside
4. As a user, I want to select an end point on the interior map for finding a path (HIGH)
  - a. I want to select a room in case I am going to a specific room
  - b. I want to select a door in case I want to leave the building
5. As a user, I want a path drawn between two chosen points so that I can navigate (HIGH)
  - a. I want the path to point me to the proper exterior door if it enters or leaves a building (MEDIUM)
6. As a user, I would like to select how my path is found: (MEDIUM)
  - a. I would like the shortest possible path
  - b. I would like to select the most indoor path possible
  - c. I would like to select the most outdoor path possible
7. As a user, I want to avoid walking into walls, or off cliffs, if at all

possible, so that I don't kill or injure myself (MEDIUM)

8. As a Disabled User, I want my path to use elevators/ramps instead of stairs (LOW)
9. As a user, I want to be able to alter the suggested route (MEDIUM)
  - a. I want to add waypoints to the route (LOW)
  - b. I want it to be able to assist me detour around my current location/road/hallway so that I don't get stuck by an unforeseen obstacle (MEDIUM)
  - c. I want to reorder the waypoints of my path in a small menu.
10. As a caffeine freak, I want to see coffee shops that are close to my current route so that I can get wired (HIGH)
  - a. I want the route to update to include the coffee shop as a waypoint (MEDIUM)
  - b. I want to select to see other services along my route as well