

- Sidewalks
  - Persona: John Smith, Resident of Durham
  - User Story: As a Durham resident, I would like to find paths with sidewalks so I can walk around safely.
  - Detailed description:
    - Clarity: User would like to stay on sidewalks the whole time, but will have other options if that is not possible
    - User's needs: Wants to be able to walk to a location in Durham while staying on sidewalks
    - User's requirements: Visually pleasing + intuitive user interface. Easily able to follow directions to location.
  - Steps:
    - Open Webpage
      - Show Map of Durham
    - Select Destination on Map
      - Click on Location/Type Address into Search Bar
    - Add Sidewalk Restriction
      - Show Drop Down Menu of Restrictions
      - Click Sidewalk Restriction
      - Click Enter
    - Click "Generate Path"
      - Retrieve Data from Service
      - Rank Paths based of Restrictions
      - Use shortest path algorithm
    - Display Path
      - Redirect to Map with highlighted paths
      - If preferred path unavailable, highlight non-preference path

