

In our Proof of Concept, we implement 2 concepts, marking and planning. Marking involves choosing one or two coordinates on a map, where one coordinate is an intersection and two coordinates represent a path. For those markings, a user can add a tag and a caption to denote the condition of the path either being blocked, safe, or busy. Planning involves the user marking two coordinates on a map, in which the two coordinates serve as a basis for an area. We then get all the marks that encompass that area. The user can click on each mark to see the rendition of a path/intersection as well as the tag.