

Tangorithm

Tonari

Die Idee | idea

Search for wheelchair-accessible sanitary facilities and enhance the related datasets.

Hintergrund | motivation

„Having a disabled-friendly sanitary facility nearby can double the range of actions for people with disabilities.“ - Raul Kraut-hausen

Funktionsweise | How does it work?

To help finding barrier-free sanitary facilities nearby, Tonari displays all surrounding entries sorted by distance from the users current location. All available information about the facilities, including pictures, will be shown, helping users form their decision, which facility might be the best for them.

After confirming this decision within the app, it displays the address and users can start navigating towards their location of choice. Additionally, Tonari prompts two questions about the chosen sanitary facility. If applicable, the app will send notifications reminding the user of this short survey, once he / she arrived. The given input will enhance the datasets and help other people to improve their decisionmaking in the future.

Anwendungsszenario | use case

Simon uses a wheelchair. As a freelance journalist in Berlin, he regularly visits alternating workspaces. On his way home from a meeting, he suddenly feels the urge to use a restroom. To this point, he has not often visited this area and therefore doesn't know where to find one.

Simon opens Tonari. From a selection of four reachable restaurants, he quickly decides for one that provides Euro-Key support and is located just about 100m away from him. As he confirms his decision within Tonari, he is asked two questions about the sanitary facility.

A barrier-free sanitary facility nearby significantly increases Simon's activity radius, but he is aware how badly signposted most of these locations are. He gladly responds to both questions after his visit.

weiterführende Überlegungen | future potential

1. Implement remaining user flows.
2. Integrate collected data into Wheelmap, an online map for finding and marking wheelchair accessible places. Furthermore, pass on the collected data to mainstream navigation apps.

