waymap

Anyone, Anywhere

ITU Event: Towards Digitally Accessible Europe, 3rd December 2020

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Waymap.org

Accessible Navigation & Wayfinding

Waymap provides step-by-step travel guidance for

- People with vision impairment

- Those with mobility and cognitive impairments

- Anyone with a mobile phone

The challenges of step-level accurate guidance

1. Anyone – relevance and timeliness

2. Anywhere – indoors and outside

Challenge 1: Anyone

Most applications don't work for everyone
- Little understanding of user needs
- Too hard to do, with little economic value

Bespoke solutions are siloed and underfunded
- Addressing a narrow range of needs
- Starting with technology available off-the-shelf

Solution: Set standards that define a quality of service for accessibility
- ITU F.921, CTA-2076 for Audio Navigation for Vision Impaired and others

Challenge 2: Anywhere

Existing technology is not good enough

- GPS outside, Beacons or Wifi inside

- Not accurate, not reliable, not maintainable

Installing infrastructure does not scale

- Anywhere means *any and every* train station, building or street

Solution: A revolutionary dead-reckoning technique that follows every step

- On the phone without infrastructure & privately without connection

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Inclusively designed navigation that works anywhere

Every step, Waymap works out

- where you are, and
- where you are facing

Every decision point is clearly announced

- Automatic, timely and relevant
- Audio and visual

Every route is tailored to the user's mobility

- Step free, wide access or shoreline

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Anyone, Anywhere

Confidence to explore
- Reliable and relevant guidance

The whole way
- Air, bus, train and taxi
- Streets and corridors

True Independence
- Quick end-to-end journeys, or
- Linger as long as you like

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